

District Level Agro-met Advisory Bulletin



(Period: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 2019



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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 12 th June 2019
Daporijo: 6.6 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 33.0-34.0°C and 25.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 93-97% and 57-81% respectively. Wind direction
	is mainly variable 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 				
-	_	edule in poultry/liv		
• CHECK O	vaccination sche		ADVISORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS	Suge	1 CSG Discuse	Treatment Tractices to be followed	
Rice (early sown)	leaf elongation	Leaf blast/ leaf spot	 Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice. 	
Rice (normal sown)	Nursery/ transplanting		 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice 	
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	 In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields 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	Tasseling stage	Soybean looper/Stem borer	 Monitor the crop against attack of insect pests, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, Make proper drainage in the crop field, 	
VEGETABLES	S			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	 Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed. 	
HORTICULT	URAL CROPS			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	 For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus. During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon. 	
❖ LIVESTOCK and POULTRY				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	New born/ All stages	Swine fever	 Vaccinate against swine fever, Avoid of eating human excreta, Provide ad libitum water, Deworming of piglets after 2 months, 	
Goat/sheep	All stages	External parasite		





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th 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 12 th June 2019
	Mostly cloudy with possibility of moderate to heavy rain. Daily
mm; Kalaktang: 5.5 mm	maximum and minimum temperature for the following period is predicted to
	be 24.0-25.0°C and 18.0-19.0°C respectively. Expected morning and evening
	relative humidity will be 92-97% and 56-86% respectively. Wind direction
	is mainly variable wind speed range of 4.9-6.2 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

LIVESTOCKS

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/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, 	
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest harboring 	
VEGETABLES				
Tomato, Chilli	Vegetative/ Harvesting	Late blight	 Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water, Do not irrigate on the leaves of the plant grown under protected environment 	
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	Collection and deep burying of infected fruit. Installation of pheromone traps.	
HORTICULTU	RAL CROPS			
Citrus	Fruiting	Citrus canker	❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.	
Orchards			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.	

Livestock Stage Disease Precautionary Practices to be followed

Sheep/ Goat Lamb/kid Lamb/kid Lamb/kid survival may be increased by adopting a sound prebreeding management program, close attention to ewes/does
nutritional and health status during late gestation, keeping
housing facilities clean and well ventilated, adequate colostrum
intake by lambs/kids, selection of sheep/goat that are easy
lambing/kidding, good mothers, heavy milking and vigorous at
birth.

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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 2019



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 12 th June 2019
Rainfall: 5.8 mm, Max. T: 31.4°C, Min. T: 19.3°C,	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily
Wind Speed: 2-4 km/h, RH: 56-98%, Wind Direction: WNW	maximum and minimum temperature for the following period is predicted to be 25.0-26.0°C and 18.0-20.0°C respectively. Expected morning and evening relative humidity will be 94-96% and 57-79% respectively. Wind direction is mainly W & WSW with average wind speed range of 4.0-4.8 kmph.
Warning:	NIL

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

• Check of	f vaccination sche	<u>dule in</u> poultry/li	vestock	
		DETAILS OF A	ADVISORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice (early sown)	leaf elongation	Leaf blast/ leaf spot	 Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice. 	
Rice (normal sown)	Nursery/ transplanting		 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice 	
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	 In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields 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	Tasseling stage	Soybean looper/Stem borer	 Monitor the crop against attack of insect pests, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, Make proper drainage in the crop field, 	
VEGETABLES				
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	 Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed. 	
HORTICULTU	URAL CROPS			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	 For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus. During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon. 	
❖ LIVESTOCK and POULTRY				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	New born/ All stages	Swine fever	 Vaccinate against swine fever, Avoid of eating human excreta, Provide ad libitum water, Deworming of piglets after 2 months, 	
Goat/sheep	All stages	External parasite	External parasite free rearing will lead to reduction in infection and increase in production. So timely deworming is advocated.	







No: AMFU-Basar/2019/45

Dated: Friday, 7th 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 12 th June 2019			
No weather summary available	Mostly cloudy with possibility of moderate 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 89-91% and 58-72% respectively. Wind direction			
	is mainly ESE & E with average wind speed range of 4.4-6.2 kmph.			
Warning:	❖ NIL			

	for possible attac				
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 					
· CHCCH O	1 vaccination sent			ORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS					
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	*	Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised,	
Jhum rice	Leaf	Leaf blast/ leaf	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum	
ontini Hee	elongation/	spot	·	field against leaf blast & leaf spot.	
	tillering	•	*	Follow proper runoff management system to avoid loss of	
				top soil due to heavy rainfall.	
			*	Keep the surrounding clean/ weed-free to avoid disease/pest	
				harboring	
VEGETABLES					
Tomato,	Vegetative/	Late blight	*	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2	
Chilli	Harvesting			ml per litre of water,	
			*	Do not irrigate on the leaves of the plant grown under	
Cucurbits	Flowering/	Fruit Fly	*	protected environment Collection and deep burying of infected fruit. Installation of	
Cucurons	Fruiting	White fly	•	pheromone traps.	
HORTICULTU		, , , , , , , , , , , , , , , , , , ,		pheromone dups.	
Citrus	Fruiting	Citrus canker	*	During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.	
Orchards			*	Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.	
LIVESTOCKS	S				
Livestock	Stage	Disease		Precautionary Practices to be followed	
Sheep/ Goat	Lamb/kid		*	Lamb/kid survival may be increased by adopting a sound pre- breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.	
Contact Sci	ientists (ICAR) or Sta	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247	



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th 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 12 th June 2019
Rainfall = Changlang: 0.0 mm Miao: 41.2 mm	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 31.0-33.0°C and 24.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 93-98% and 55-92% respectively. Wind direction
	is mainly SSE & ESE with average wind speed range of 2.5-4.2 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 crop to avoid runoff					
Check of vaccination schedule in poultry/livestock					
Right til	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 (early sown)	leaf elongation	Leaf blast/ leaf spot	 Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice. 		
Rice (normal sown)	Nursery/ transplanting		 ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Fellow coedling root disease/pest harboring. 		
71			Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice		
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	 In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields 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	Tasseling stage	Soybean looper/Stem borer	 Monitor the crop against attack of insect pests, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, Make proper drainage in the crop field, 		
VEGETABLE	VEGETABLES				
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	 Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed. 		
HORTICULT	HORTICULTURAL CROPS				
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests	 For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus. 		
❖ LIVEST	❖ LIVESTOCK and POULTRY				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pigs	New born/ All stages	Swine fever	 Vaccinate against swine fever, Avoid of eating human excreta, Provide ad libitum water, Deworming of piglets after 2 months, 		



District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 2019



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

ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY

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

Weather summery of the previous week	Weather forecast valid up to 12 th June 2019
Rainfall = NA	Partly/mostly cloudy with possibility of moderate to rather heavy rain.
	Daily maximum and minimum temperature for the following period is
	predicted to be 28.0-30.0°C and 23.0-24.0°C respectively. Expected morning
	and evening relative humidity will be 93-96% and 59-83% respectively.
	Wind direction is mainly ESE & E with average wind speed range of 4.6-7.0
	kmph.
Warning:	• NIL

GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

	 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					
				DRIES FOR THE PERIOD	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS					
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	*	Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval,	
				Bio-control using cloves and ginger is advised,	
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.	
				Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest	
				harboring	
VEGETABLES					
Tomato, Chilli	Vegetative/ Harvesting	Late blight		Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water, Do not irrigate on the leaves of the plant grown under protected environment	
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	*	Collection and deep burying of infected fruit. Installation of pheromone traps.	
HORTICULTU	RAL CROPS				
Citrus	Fruiting	Citrus canker	*	During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.	
Orchards			*	Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.	
LIVESTOCKS	S				
Livestock	Stage	Disease		Precautionary Practices to be followed	
Sheep/ Goat	Lamb/kid		*	Lamb/kid survival may be increased by adopting a sound pre- breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.	
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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(Period: 8th to 12th June 2019) No: AMFU-Basar/2019/45



Dated: Friday, 7th 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 12 th June 2019						
Rainfall =25.9 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily						
	maximum and minimum temperature for the following period is predicted to						
	be 24-25°C and 18.0-19.0°C respectively. Expected morning and evening						
	relative humidity will be 91-95% and 53-81% respectively. Wind direction						
	is mainly SSE & SE with average wind speed range of 4.3-5.7 kmph.						
Warning:	• NIL						

	AL RECOMMEN					
	 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 					
_		dule in poultry/liv				
			ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
FIELD CROPS	<u>, </u>					
Rice (early sown)	leaf elongation	Leaf blast/ leaf spot	 Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice. 			
Rice (normal sown)	Nursery/ transplanting		 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice 			
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	 In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields 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	Tasseling stage	Soybean looper/Stem borer	 Monitor the crop against attack of insect pests, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, Make proper drainage in the crop field, 			
VEGETABLES						
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	 Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed. 			
	URAL CROPS					
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	 For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus. During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon. 			
	OCK and POUL					
Livestock	Stage	Disease	Precautionary Practices to be followed			
Pigs	New born/ All stages	Swine fever	 Vaccinate against swine fever, Avoid of eating human excreta, Provide ad libitum water, Deworming of piglets after 2 months, 			
Goat/sheep	All stages	External parasite	and increase in production. So timely deworming is advocated.			
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45 Dated: Friday, 7th 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 12 th June 2019
Rainfall: 6.3 mm; T. Max: 34.0°C; T. Min:	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily
23.0°C; RH: 65-91%	maximum and minimum temperature for the following period is predicted to
	be 29.0-33.0°C and 24.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 91-96% and 48-86% respectively. Wind direction
	is mainly SW & WSW with average wind speed range of 3.6-5.2 kmph.
Warning:	• NIL

Monitor for possible attack of insects/pests Application of fortilizers/manura can 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 					
Check of vaccination schedule in poultry/livestock					
	DETAILS OF	ADVISO	RIES FOR THE PERIOD		
Stage	Pest/Disease		Precautionary Practices to be followed		
leaf elongation	Leaf blast/ leaf	*	Inundate the main field by repairing old bunds or making		
	spot		new bunds to keep optimum level of water in the field.		
		*	On clear/dry days, spray carbendazim @ 2gm/lit water in		
			jhum field against leaf blast & leaf spot.		
		*	Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15 th , 30 th & 50 th		
			day after transplanting in rice.		
Nursery/		*	Rice: Weed free & clean nursery periphery to prevent		
transplanting			disease/pest harboring.		
		*	Follow seedling root-dip treatment in chlorpyriphos 20EC @		
			2ml/10lit water for 12 hrs before transplanting rice		
Leaf elongation/	Leaf blast/ leaf	*	In upland rice, spraying of 1% DAP on clear/dry days		
		·	recommended to increase the numbers of effective tillers and		
stage	•		yields		
_		*	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.		
Tasseling stage	•	_	Monitor the crop against attack of insect pests,		
	•	**	Intercropping with legumes & cassava can reduce the incidence		
	Dorei	*	of stem borer infestation, Make proper drainage in the groun field		
1		*	Make proper drainage in the crop field,		
	Rlight	**	Keep weed free and avoid water stagnation		
-	Diigiit	*	Spraying of COC @2-3 ml/lit at weekly interval advocated		
11 0111118		•	during clear/dry days in case of grown outside. For		
			protected cultivation spraying can be done immediately if		
			symptoms observed.		
HORTICULTURAL CROPS					
Fruiting	Fruit drop/	*	For insect pert, spray Monocrotophos 36 SL @ 7 ml or		
			Dimethoate 30 EC @ 10 ml in 10 lits of water.		
	canker		Spray Carbendazim 1ml/lit water against fruit drop in citrus.		
		**	During this month there is rapid spread of citrus canker hence		
			the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of		
			water before the onset of the monsoon.		
OCK and POUL	ΓRY		water before the onset of the monsoon.		
Stage	Disease	Precai	itionary Practices to be followed		
New born/ All			Vaccinate against swine fever,		
			Avoid of eating human excreta,		
			Provide ad libitum water,		
			Deworming of piglets after 2 months,		
All stages	External parasite	*	External parasite free rearing will lead to reduction in infection		
		i	and increase in production. So timely deworming is advocated.		
	Stage Stage	rainage to all crop to avoid runoff vaccination schedule in poultry/livaccination schedule in poultry/livacc	rainage to all crop to avoid runoff vaccination schedule in poultry/livestock DETAILS OF ADVISO Stage		





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th 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 12 th June 2019
Rainfall (Koloriang): 8.8 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 23.0-25.0°C and 17.0-18.0°C respectively. Expected morning and evening
	relative humidity will be 91-97% and 59-88% respectively. Wind direction
	is mainly SW & WSW with average wind speed range of 4.4-5.9 kmph.
Warning:	• NIL

Stage Stage Fransplanting/ Leaf elongation/ tillering Vegetative/	Yellow stem borer/ Leaf Blast Leaf blast/ leaf spot	vestock ADVISO * * * *	Precautionary Practices to be followed Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
Stage Fransplanting/leaf elongation Leaf elongation/tillering	Yellow stem borer/ Leaf blast/ leaf spot	* * * * * * * *	Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest
Stage Fransplanting/ Leaf elongation Leaf elongation/ tillering	Pest/Disease Yellow stem borer/ Leaf Blast Leaf blast/ leaf spot	* * * * * * * *	Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pes
Leaf elongation/tillering	Yellow stem borer/ Leaf Blast Leaf blast/ leaf spot	* * * * * * * * * * * * * * * * * * *	Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest
Leaf elongation/tillering	Yellow stem borer/ Leaf Blast Leaf blast/ leaf spot	* * * * * * * *	Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest
Leaf elongation/tillering	borer/ Leaf Blast Leaf blast/ leaf spot	* * * * * * * *	2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest
Leaf elongation/tillering	borer/ Leaf Blast Leaf blast/ leaf spot	* * * * * * * *	2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest
elongation/ tillering Vegetative/	Leaf blast/ leaf spot	* * * * *	Maintain adequate moisture level in the transplanted rice field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest
elongation/ tillering Vegetative/	spot	* *	Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhun field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pes
elongation/ tillering Vegetative/	spot	*	For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhun field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss o top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pes
elongation/ tillering Vegetative/	spot	*	gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhun field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss o top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pes
elongation/ tillering Vegetative/	spot	*	of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhun field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pes
elongation/ tillering Vegetative/	spot	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhun field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pes
elongation/ tillering Vegetative/	spot	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhun field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pes
tillering Vegetative/			Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pes
Vegetative/			top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pes
•		*	Keep the surrounding clean/ weed-free to avoid disease/pes
•		*	•
•			harboring
•			
•	·		
	Late blight	*	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2
Harvesting			ml per litre of water,
		*	Do not irrigate on the leaves of the plant grown under
			protected environment
Flowering/	Fruit Fly	*	Collection and deep burying of infected fruit. Installation of
	White fly		pheromone traps.
		<u> </u>	
Fruiting	Citrus canker	*	During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.
		*	Prepare half moon terraces in fruit crops grown in steep
			slopes to prevent nutrient loss during heavy downpour.
Stage	Disease		Precautionary Practices to be followed
Lamb/kid		*	<u> </u>
	Lamb/kid	Fruiting Citrus canker Stage Disease Lamb/kid	Fruiting Citrus canker Stage Disease



District Level Agro-met Advisory Bulletin



(Period: 8th to 12th June 2019)

No: AMFU-Basar/2019/45





Dated: Friday, 7th 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 12 th June 2019
Rainfall: 3.2 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 29.0-31.0°C and 23.0-24.0°C respectively. Expected morning and evening
	relative humidity will be 82-96% and 47-76% respectively. Wind direction
	is mainly E & ENE average wind speed range of 3.7-5.8 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	of vaccination sche					
			ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
FIELD CROPS	leaf elongation	Leaf blast/ leaf	♣ Investate the main field by reneiging old by ade or making			
Rice (early sown)	icai ciongation	spot spot	 Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15th, 30th & 50th 			
			day after transplanting in rice.			
Rice (normal sown)	Nursery/ transplanting		 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice 			
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	 In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields 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 			
3.6 :	TD 11	G 1	jhum field against leaf blast & leaf spot.			
Maize	Tasseling stage	Soybean looper/Stem borer	 Monitor the crop against attack of insect pests, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, Make proper drainage in the crop field, 			
VEGETABLE	CS .		Time proper aranings in the crop nerty			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	 Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed. 			
HORTICULT	URAL CROPS		T T			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	 For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus. During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon. 			
	OCK and POUL	1				
Livestock	Stage	Disease	Precautionary Practices to be followed			
Pigs	New born/ All stages	Swine fever	 Vaccinate against swine fever, Avoid of eating human excreta, Provide ad libitum water, Deworming of piglets after 2 months, 			
Goat/sheep	All stages	External parasite				

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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th 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 12 th June 2019					
Rainfall (Roing): 3.2 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 23.0-24.0°C respectively. Expected morning and evening					
	relative humidity will be 87-94% and 50-79% respectively. Wind direction					
	is mainly variable with average wind speed range of 3.8-5.9 kmph.					
Warning:	• NIL					

Monitor for possible attack of insects/pests					
• Application of fertilizers/manure can be done during clear/dry days					
 Proper drainage to all crop to avoid runoff Check of vaccination schedule in poultry/livestock 					
• Check o	i vaccination sche			RIES FOR THE PERIOD	
Crop	Stage	Pest/Disease	12 (150	Precautionary Practices to be followed	
FIELD CROPS		1 CSG Discuse		Treatment of Tractices to be followed	
Rice (early	leaf elongation	Leaf blast/ leaf	*	Inundate the main field by repairing old bunds or making	
sown)		spot	•	new bunds to keep optimum level of water in the field.	
		_	*	On clear/dry days, spray carbendazim @ 2gm/lit water in	
				jhum field against leaf blast & leaf spot.	
			*	Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15 th , 30 th & 50 th	
				day after transplanting in rice.	
Rice (normal	Nursery/		*	Rice: Weed free & clean nursery periphery to prevent	
sown)	transplanting		·	disease/pest harboring.	
			*	Follow seedling root-dip treatment in chlorpyriphos 20EC @	
			·	2ml/10lit water for 12 hrs before transplanting rice	
Jhum Rice	Leaf elongation/	Leaf blast/ leaf	*	In upland rice, spraying of 1% DAP on clear/dry days	
	active tillering	spot		recommended to increase the numbers of effective tillers and	
	stage		.*.	yields	
				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	Tasseling stage	Soybean	*	Monitor the crop against attack of insect pests,	
		looper/Stem	*	Intercropping with legumes & cassava can reduce the incidence	
		borer		of stem borer infestation,	
VECETABLE	G.		**	Make proper drainage in the crop field,	
VEGETABLE Tomato/ chilli/	Vegetative/	Blight	*	Voor wood free and avoid water stagnetion	
brinjal	fruiting	Diigiit	*	Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated	
omjai	Huiting		•	during clear/dry days in case of grown outside. For	
				protected cultivation spraying can be done immediately if	
				symptoms observed.	
	URAL CROPS				
Lemon/other	Fruiting	Fruit drop/	*	For insect pert, spray Monocrotophos 36 SL @ 7 ml or	
citrus fruits		insect pests/	.*.	Dimethoate 30 EC @ 10 ml in 10 lits of water.	
		canker		Spray Carbendazim 1ml/lit water against fruit drop in citrus.	
			**	During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray	
				copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of	
				water before the onset of the monsoon.	
LIVEST	OCK and POULT	TRY			
Livestock	Stage	Disease		ntionary Practices to be followed	
Pigs	New born/ All	Swine fever		Vaccinate against swine fever,	
	stages			Avoid of eating human excreta,	
				Provide ad libitum water, Dayyorming of piglets after 2 months	
Goat/sheep	All stages	External parasite		Deworming of piglets after 2 months, External parasite free rearing will lead to reduction in infection	
Goarsneep	All stages	External parasite	**	and increase in production. So timely deworming is advocated.	
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247	







No: AMFU-Basar/2019/45

Dated: Friday, 7th 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 12 th June 2019
Ziro: 2.2 mm	Mostly cloudy with possibility moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 29.0-36.0°C and 23.0-25.0°C respectively. Expected morning and evening
	relative humidity will be 92-96% and 56-86% respectively. Wind direction
	is mainly NW with average wind speed range of 3.9-6.3 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 					
• Check o	t vaccination sche			FOR THE PERIOD	
Crop	Stage	Pest/Disease	DVISORIES	Precautionary Practices to be followed	
FIELD CROPS		1 CSt/Discase		Trecationary Tractices to be followed	
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	2ml/	w seedling root-dip treatment in chlorpyriphos 20EC @ 10lit water for 12 hrs before transplanting rice atain adequate moisture level in the transplanted rice splanting of seedlings may be done in well puddled WRC and of upper portions of leaves of seedlings before planting helps in management of stem borer management of Blast, spraying of Carbendazim @ 2 a per litre of water or Endofil M45 @ 2.5 gram per litre ater three spraying at 10 days interval, control using cloves and ginger is advised,	
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On c field Follotop s Keep 	lear/dry days, spray carbendazim @ 2gm/lit water in jhum against leaf blast & leaf spot. w proper runoff management system to avoid loss of oil due to heavy rainfall. the surrounding clean/ weed-free to avoid disease/pest oring	
VEGETABLES					
Tomato, Chilli	Vegetative/ Harvesting	Late blight	ml p ❖ Do n	ying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 er litre of water, ot irrigate on the leaves of the plant grown under exted environment	
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	❖ Colle	ection and deep burying of infected fruit. Installation of omone traps.	
HORTICULTU	,				
Citrus	Fruiting	Citrus canker	the a copp	ng this month there is rapid spread of citrus canker hence ffected leaves, branch should be pruned and burnt. Spray er oxychloride 200 gm with steptocycline 6 gm in 60 lits of before the onset of the monsoon.	
Orchards				are half moon terraces in fruit crops grown in steep	
			slope	s to prevent nutrient loss during heavy downpour.	
LIVESTOCKS					
Livestock	Stage	Disease		autionary Practices to be followed	
Sheep/ Goat	Lamb/kid		breed nutri hous intak	o/kid survival may be increased by adopting a sound pre- ling management program, close attention to ewes/does ional and health status during late gestation, keeping ing facilities clean and well ventilated, adequate colostrum by lambs/kids, selection of sheep/goat that are easy ing/kidding, good mothers, heavy milking and vigorous at	
Contact Scientist	ts (ICAR) or State A	gril Staff or KVK		res against adverse conditions or call at 03795-226237/226247	

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/22624

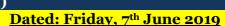


District Level Agro-met Advisory Bulletin



(Period: 8th to 12th June 2019)

No: AMFU-Basar/2019/45





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 12 th June 2019
Rainfall: 5.0 mm; T. Max: 36.0°C; T. Min:	Mostly cloudy with possibility of moderate to heavy rain. Daily
28.0°C; RH: 71-90%	maximum and minimum temperature for the following period is predicted to
	be 31.0-33.0°C and 24.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 88-95% and 61-84% respectively. Wind direction
	is mainly SE & SSE with average wind speed range of 4.3-6.5 kmph.
Warning:	• NIL

GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests				
			one during clear/dry days	
-	drainage to all cro	•		
Check or	of vaccination sche			
		DETAILS OF A	ADVISORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS	_			
Rice (early	leaf elongation	Leaf blast/ leaf	❖ Inundate the main field by repairing old bunds or making	
sown)		spot	new bunds to keep optimum level of water in the field.	
			❖ On clear/dry days, spray carbendazim @ 2gm/lit water in	
			jhum field against leaf blast & leaf spot.	
			Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15 th , 30 th & 50 th	
			day after transplanting in rice.	
Rice (normal	Nursery/		* Rice: Weed free & clean nursery periphery to prevent	
sown)	transplanting		disease/pest harboring.	
			❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @	
			2ml/10lit water for 12 hrs before transplanting rice	
Jhum Rice	Leaf elongation/	Leaf blast/ leaf	❖ In upland rice, spraying of 1% DAP on clear/dry days	
	active tillering	spot	recommended to increase the numbers of effective tillers and	
	stage		yields	
			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	
Maize	Tasseling stage	Soybean	jhum field against leaf blast & leaf spot. ❖ Monitor the crop against attack of insect pests,	
Widize	russening stage	looper/Stem	 Monitor the crop against attack of insect pests, Intercropping with legumes & cassava can reduce the incidence 	
		borer	of stem borer infestation,	
			Make proper drainage in the crop field,	
VEGETABLE				
Tomato/ chilli/	Vegetative/	Blight	Keep weed free and avoid water stagnation	
brinjal	fruiting		Spraying of COC @2-3 ml/lit at weekly interval advocated	
			during clear/dry days in case of grown outside. For	
			protected cultivation spraying can be done immediately if symptoms observed.	
HORTICULT	URAL CROPS		Symptoms observed.	
Lemon/other	Fruiting	Fruit drop/	❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or	
citrus fruits		insect pests/	Dimethoate 30 EC @ 10 ml in 10 lits of water.	
		canker	Spray Carbendazim 1ml/lit water against fruit drop in citrus.	
			During this month there is rapid spread of citrus canker hence	
			the affected leaves, branch should be pruned and burnt. Spray	
			copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.	
water before the onset of the monsoon. * LIVESTOCK and POULTRY				
Livestock Stage Disease Precautionary Practices to be followed				
Pigs	New born/ All	Swine fever	❖ Vaccinate against swine fever,	
1 160	stages	5 WING TOVOL	 vaccinate against swine rever, Avoid of eating human excreta, 	
			Provide ad libitum water,	
			 Deworming of piglets after 2 months, 	
Goat/sheep	All stages	External parasite	1	
	TOTAL COLD	1 C 40	and increase in production. So timely deworming is advocated.	

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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th 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 12 th June 2019
Rainfall: 17.6 mm	Partly/mostly 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 90-95% and 51-76% respectively. Wind direction
	is mainly E & ENE with average wind speed range of 5.1-7.5 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	=		
Check o	of vaccination sche			DIEC EOD THE DEDIOD
TITLE CROPS		DETAILS OF A	ADVISC	DRIES FOR THE PERIOD
FIELD CROPS				
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	* * * *	Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	* *	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES	5			
Tomato, Chilli	Vegetative/ Harvesting	Late blight		Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water, Do not irrigate on the leaves of the plant grown under protected environment
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	*	Collection and deep burying of infected fruit. Installation of pheromone traps.
HORTICULTU	JRAL CROPS			
Citrus	Fruiting	Citrus canker	*	During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.
Orchards			*	Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
LIVESTOCKS	S			
Livestock	Stage	Disease		Precautionary Practices to be followed
Sheep/ Goat	Lamb/kid		*	Lamb/kid survival may be increased by adopting a sound pre- breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.
Contact Scientist	ts (ICAR) or State A	gril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247







No: AMFU-Basar/2019/45

Dated: Friday, 7th 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 12 th June 2019
Rainfall: NA	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 31.0-33.0°C and 24.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 86-98% and 53-90% respectively. Wind direction
	is mainly variable with average wind speed range of 2.4-3.9 kmph.
Warning:	• NIL

GENERAL RECOMMENDATIONS

	all spray operation			
	ntion of fertilizers/i drainage to all cro	•		
-	of vaccination sche	dule in poultry/li	vestock	
			ADVISO	ORIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	_	7 011 (1 0		
Rice (early	leaf elongation	Leaf blast/ leaf	*	Inundate the main field by repairing old bunds or making
sown)		spot		new bunds to keep optimum level of water in the field.
			*	On clear/dry days, spray carbendazim @ 2gm/lit water in
				jhum field against leaf blast & leaf spot.
			*	Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15 th , 30 th & 50 th
				day after transplanting in rice.
Rice (normal	Nursery/		*	Rice: Weed free & clean nursery periphery to prevent
sown)	transplanting			disease/pest harboring.
			*	Follow seedling root-dip treatment in chlorpyriphos 20EC @
				2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/	Leaf blast/ leaf	*	In upland rice, spraying of 1% DAP on clear/dry days
	active tillering	spot		recommended to increase the numbers of effective tillers and
	stage			yields
				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	Tasseling stage	Soybean		Monitor the crop against attack of insect pests,
		looper/Stem borer	*	Intercropping with legumes & cassava can reduce the incidence
		borer	*	of stem borer infestation, Make proper drainage in the crop field,
VEGETABLE	7 S		•	wake proper dramage in the crop field,
Tomato/ chilli/	Vegetative/	Blight	*	Keep weed free and avoid water stagnation
brinjal	fruiting	Bright		Spraying of COC @2-3 ml/lit at weekly interval advocated
3			·	during clear/dry days in case of grown outside. For
				protected cultivation spraying can be done immediately if
				symptoms observed.
	TURAL CROPS			
Lemon/other	Fruiting	Fruit drop/	*	For insect pert, spray Monocrotophos 36 SL @ 7 ml or
citrus fruits		insect pests/		Dimethoate 30 EC @ 10 ml in 10 lits of water.
		canker		Spray Carbendazim 1ml/lit water against fruit drop in citrus.
			**	During this month there is rapid spread of citrus canker hence
				the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of
				water before the onset of the monsoon.
LIVEST	TOCK and POULT	ΓRY		Service the object of the monitorin
Livestock	Stage	Disease	Precau	itionary Practices to be followed
Pigs	New born/ All	Swine fever	*	Vaccinate against swine fever,
-	stages		*	Avoid of eating human excreta,
			*	Provide ad libitum water,
- C - //1	A 11 .	F-4 1	*	Deworming of piglets after 2 months,
Goat/sheep	All stages	External parasite	*	External parasite free rearing will lead to reduction in infection

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and increase in production. So timely deworming is advocated.





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th 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 12 th June 2019
Rainfall: 15.2 mm	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 25.0-26.0°C and 18.0-20.0°C respectively. Expected morning and evening
	relative humidity will be 93-94% and 59-78% respectively. Wind direction
	is mainly variable with average wind speed range of 3.8-5.3 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 Pest/Disease **Precautionary Practices to be followed** Stage FIELD CROPS Rice Transplanting/ Yellow stem Follow seedling root-dip treatment in chlorpyriphos 20EC @ Leaf elongation borer/ 2ml/10lit water for 12 hrs before transplanting rice Leaf Blast Maintain adequate moisture level in the transplanted rice ❖ Transplanting of seedlings may be done in well puddled WRC field. Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre

Jhum rice	Leaf	Leaf blast/ leaf	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum
	elongation/	spot		field against leaf blast & leaf spot.
	tillering		*	Follow proper runoff management system to avoid loss of
				ton soil due to heavy rainfall

of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised,

Keep the surrounding clean/ weed-free to avoid disease/pest

				harboring
VEGETABLES				
Tomato,	Vegetative/	Late blight	*	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2
Chilli	Harvesting			ml per litre of water,
			*	Do not irrigate on the leaves of the plant grown under
				protected environment
Cucurbits	Flowering/	Fruit Fly	*	Collection and deep burying of infected fruit. Installation of
	Fruiting	White fly		pheromone traps.
HORTICULTU	RAL CROPS			
Citrus	Fruiting	Citrus canker	*	During this month there is rapid spread of citrus canker hence
				the affected leaves, branch should be pruned and burnt. Spray

	copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.
Orchards	❖ Prepare half moon terraces in fruit crops grown in steep slopes to prevent putrient loss during heavy downpour

			slopes to prevent nutrient loss during neavy downpour.
LIVESTOCKS	S		
Livestock	Stage	Disease	Precautionary Practices to be followed
Sheep/ Goat	Lamb/kid		Lamb/kid survival may be increased by adopting a sound pre- breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at

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birth.