

District Level Agro-met Advisory Bulletin



No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 2019



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

ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Daporijo: 17.2 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 24.0-
	25.0°C and 17.0-18.0°C respectively. Expected morning and evening relative
	humidity will be 92-94% and 54-60% respectively. Wind direction is mainly
	W & NW with average wind speed range of 5.2 -6.2 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and
	lightning is very likely to occur at isolated places over Arunachal

GENER	AL RECOMMEN	NDATIONS				
• Monitor	for possible attac	k of insects/pests				
	Proper drainage to all crop to avoid runoff					
 Check of 	f vaccination sche	dule in poultry/li	vestock			
		DETAILS OF A	ADVISO	ORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS						
Rice	Nursery/transpl antation	Stem borer		Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litres of water) solution before sowing. Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will		
				reduce the carryover of the infestation to the main field.		
Maize	Vegetative	Stem borer	*	Light interculture operation is advised,		
Jhum field	Sowing/ germination		*	Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.		
VEGETABLES						
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	* *	Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided,		
Tomato, Chilli	Transplanting/ Vegetative/ Harvesting	Fruit borer/ Late blight	*	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,		
HORTICULTU	URAL CROPS					
Orange	Fruiting	Aphid	* *	Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning,		
LIVESTOCK as	nd POULTRY					
Livestock	Stage	Disease		Precautionary Practices to be followed		
Cattle/ Mithun	All Growth		*	Vaccination with foot and mouth disease (FMD), Provide fodder supplement,		
Pig	Pigs/ Piglets		*	Deworming of animals under supervision of registered practitioner, Iron supplements to piglets,		
Contact Scient	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 May 2019)

No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 2019



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

ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Rainfall = Bomdila: NA; Bhalukpong: 11.8	Partly cloudy with possibility of moderate rain. Daily maximum and
mm; Kalaktang: 11.6 mm	minimum temperature for the following period is predicted to be 25.0-
	26.0°C and 17.0-18.0°C respectively. Expected morning and evening relative
	humidity will be 90-93% and 56-64% respectively. Wind direction is mainly
	WNW & NW wind speed range of 7.1-7.7 kmph.
WARNING:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and
	lightning is very likely to occur at isolated places over Arunachal

GENERAL RECOMMENDATIONS

	for possible attac	-				
	ion of fertilizers/n		ne durii	ng clear/dry days		
-	lrainage to all cro	-				
Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD						
<u> </u>	G.		DVISC			
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS				A 11		
Jhum field			*	Avoid sowing in case of heavy rain.		
			*	Proper arrangement to avoid run-off		
Rice (WRC)	Nursery	Yellow stem	*	Transplanting of seedlings may be done in well puddled WRC		
Early sown crop	Preparation and transplanting	borer		field,		
	uanspianung		*	Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer/		
				installation of Stem borer specific pheromone traps,		
Maize	Sowing/	Leaf feeding	*	Provide proper drainage facility in the crop field		
T/Tui20	Vegetative	caterpillars	*	Sowing of treated seeds may be done,		
			•	Monitor against leaf feeding caterpillars. These are the army		
				worm which feeds in groups		
VEGETABLES		<u> </u>				
French Bean,	Sowing	Cut worm	*	In view of clear weather ahead sowing of treated seeds @ 2		
black gram,	and germination			seeds per hill in traces and in Jhum areas at recommended		
green gram.				spacing may be done,		
				Earthing up of already sown crop,		
			*	Protection of seeds from cut worm by application of Carbofuran.		
				Also caterpillars may be manually collected in the dusk hours in		
Sponge, bitter,	Sowing/	Cut worm	*	the crop field using a light source Earthing up of germinated plants,		
ash, ridge gourd,	Germination/	Damping off	*	Sowing of certified seeds in well prepared hills may be done.		
pumpkin,	Vegetative	Dumping on	*	Protection of seeds from cut worm by application of Carbofuran,		
cucumber			•	/caterpillars may be manually collected in the dusk hours in the		
				crop field using a light source		
			*	Seed treatment with copper fungicides to control damping off		
			*	Application of raw cow dung should be avoided,		
HORTICULT	URAL CROPS					
Banana			*	New planting may be done during the week,		
			*	Earthing up followed by fertilizer application,		
Guava	Bud initiation		*	Basin cleaning,		
	stage		*	Water stagnation should be avoided,		
			*	Application of well decomposed manures and fertilizers may be		
D' 1	D1 .:			done,		
Pineapple	Planting		*	Planting of new suckers may be done during the week,		
LIVESTOCKS						
Livestock	Stage	Disease		Precautionary Practices to be followed		
Chickens	All stages		*	Deworming against coccidiosis,		
			*	Vaccination of new born chicks for Rani khet disease		
Cattle/ Mithun	All Growth		*	Vaccination with foot and mouth disease (FMD),		
			*	Provide fodder supplement,		



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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 12 th May 2019
Rainfall: 51.2 mm, Max. T: 25.2°C, Min. T: 18.6°C, Wind Speed: 2-4 km/h, RH: 83-96%, Wind Direction: WNW	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0°C and 19.0-20.0°C respectively. Expected morning and evening relative humidity will be 90-94% and 53-58% respectively. Wind direction is mainly WNW & NW with average wind speed range of 5.3-6.0 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and lightning is very likely to occur at isolated places over Arunachal

	for possible attac	ek of insects/pests nanure can be do	ne durin	ng clear/dry days
		p to avoid runoff		ig clear/ary days
Check of vaccination schedule in poultry/livestock				
			ADVISO	RIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	>	G 1		
Rice	Nursery/transpl antation	Stem borer	*	
				population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Vegetative	Stem borer	*	Light interculture operation is advised,
Jhum field	Sowing/ germination		*	Adopt sowing of leguminous crops like cowpea, frenchbean soybean etc at 2-3 rows across the slope of jhum field a desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.
VEGETABLES	S			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	* *	Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran/caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided,
Tomato, Chilli	Transplanting/ Vegetative/ Harvesting	Fruit borer/ Late blight	*	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,
HORTICULTU	URAL CROPS			
Orange	Fruiting	Aphid	**	Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning,
LIVESTOCK as	nd POULTRY			
Livestock	Stage	Disease		Precautionary Practices to be followed
Cattle/ Mithun	All Growth			Vaccination with foot and mouth disease (FMD), Provide fodder supplement,
Pig	Pigs/ Piglets		*	Deworming of animals under supervision of registered practitioner, Iron supplements to piglets,
	l		~ _~	iron supplements to piglets.





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

ADVISORY FOR DISTRICT: ANJAW

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

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
No weather summary available	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 26.0-
	27.0°C and 19.0-21.0°C respectively. Expected morning and evening relative
	humidity will be 82-87% and 43-59% respectively. Wind direction is mainly
	SSE with average wind speed range of 7.6-8.1 kmph.
Warning:	❖ Thunderstorm accompanied with gusty wind speed (30-40) KMPH and lightning is very likely to occur at isolated places over Arunachal

MonitorApplicateProper of	AL RECOMMEN for possible attaction of fertilizers/r lrainage to all cro f vaccination sche	k of insects/pests nanure can be do p to avoid runoff		clear/dry days
				RIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Jhum field			❖ A	Avoid sowing in case of heavy rain.
			♦ I	Proper arrangement to avoid run-off
Rice (WRC) Early sown crop	Nursery Preparation and transplanting	Yellow stem borer	f ❖ (t	Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before ransplanting helps in management of stem borer/ nstallation of Stem borer specific pheromone traps,
Maize	Sowing/	Leaf feeding	♦ I	Provide proper drainage facility in the crop field
	Vegetative	caterpillars		Sowing of treated seeds may be done,
			_	Monitor against leaf feeding caterpillars. These are the army
			<u>v</u>	worm which feeds in groups
VEGETABLES				
French Bean, black gram, green gram.	Sowing and germination	Cut worm	s s * H * H	n view of clear weather ahead sowing of treated seeds @ 2 seeds per hill in traces and in <i>Jhum</i> areas at recommended spacing may be done, Earthing up of already sown crop, Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	* H * S * H //	Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided,
HORTICULT	URAL CROPS			
Banana				New planting may be done during the week, Earthing up followed by fertilizer application,
Guava	Bud initiation stage		❖ \❖ A	Basin cleaning, Water stagnation should be avoided, Application of well decomposed manures and fertilizers may be lone,
Pineapple	Planting			Planting of new suckers may be done during the week,
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
Chickens	All stages			Deworming against coccidiosis, Vaccination of new born chicks for Rani khet disease
Cattle/ Mithun	All Growth		* 7	Vaccination with foot and mouth disease (FMD), Provide fodder supplement,



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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 May 2019
Rainfall = Changlang: 42.8 mm Miao: 26.9 mm	Mostly sunny to partly cloudy with possibility of light/moderate rain.
	Daily maximum and minimum temperature for the following period is
	predicted to be 28.0-29.0°C and 20.0-21.0°C respectively. Expected morning
	and evening relative humidity will be 71-82% and 35-50% respectively.
	Wind direction is mainly SE & SSE with average wind speed range of 4.3-
	5.3 kmph.
Warning:	 Thunderstorm accompanied with gusty wind speed (30-40)
	KMPH and lightning is very likely to occur at isolated places

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 				
• Check of	vaccination sche		ADVISORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice	Nursery/transpl antation	Stem borer	 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Wet seed treatment for 12hrs. in Carbendazim 50% WF (1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litres of water) solution before sowing. Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field. 	
Jhum field	Sowing/ germination		Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.	
VEGETABLES	S			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided, 	
Tomato, Chilli	Transplanting/ Vegetative/ Harvesting	Fruit borer/ Late blight	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,	
HORTICULTU	URAL CROPS			
Orange	Fruiting	Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning, 	
LIVESTOCK as	nd POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed	
Cattle/ Mithun	All Growth		 Vaccination with foot and mouth disease (FMD), Provide fodder supplement, 	
Pig Contact Sci	Pigs/ Piglets	A mill Clare	 Deworming of animals under supervision of registered practitioner, Iron supplements to piglets, Staff for measures against adverse conditions or call at 03795-226237/226247 	





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Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY

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

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Rainfall = 39.0 mm	Mostly sunny/ partly cloudy with possibility of light/moderate rain.
	Daily maximum and minimum temperature for the following period is
	predicted to be 26.0-27.0°C and 22.0-23.0°C respectively. Expected morning
	and evening relative humidity will be 90-92% and 53-59% respectively.
	Wind direction is mainly SE & SSE with average wind speed range of 7.6-
	8.2 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and lightning is very likely to occur at isolated places over Arunachal

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure 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 ADVISORIES FOR THE PERIOD				
C	C4			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS	NT.	X7 11 4	• m 1 d 6 H 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Rice (WRC) Early sown crop	Nursery Preparation and transplanting	Yellow stem borer	 Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer/installation of Stem borer specific pheromone traps, 	
Maize	Sowing/ Vegetative	Leaf feeding caterpillars	 Provide proper drainage facility in the crop field Sowing of treated seeds may be done, Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups 	
VEGETABLES				
French Bean, black gram, green gram.	Sowing and germination	Cut worm	 In view of clear weather ahead sowing of treated seeds @ 2 seeds per hill in traces and in <i>Jhum</i> areas at recommended spacing may be done, Earthing up of already sown crop, Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source 	
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided, 	
HORTICULTU	URAL CROPS			
Banana			 New planting may be done during the week, Earthing up followed by fertilizer application, 	
Guava	Bud initiation stage		 Basin cleaning, Water stagnation should be avoided, Application of well decomposed manures and fertilizers may be done, 	
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Chickens	All stages		 Deworming against coccidiosis, Vaccination of new born chicks for Rani khet disease 	
Cattle/ Mithun	All Growth		 Vaccination with foot and mouth disease (FMD), Provide fodder supplement, Staff for measures against adverse conditions or call at 03795-226237/226247 	



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ADVISORY FOR DISTRICT: EAST KAMENG

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Rainfall =15.7 mm	Partly cloudy with possibility of moderate rainfall. Daily maximum and
	minimum temperature for the following period is predicted to be 25-26°C
	and 16.0-17.0°C respectively. Expected morning and evening relative
	humidity will be 89-94% and 54-64% respectively. Wind direction is mainly
	SE & SSE with average wind speed range of 6.0-6.3 kmph.
Warning:	• Thunderstorm accompanied with gusty wind speed (30-40) KMPH
	and lightning is very likely to occur at isolated places over
	Arunachal

 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	Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease	AD VISO	Precautionary Practices to be followed	
FIELD CROPS	Stage	1 est/Disease		1 recautionary 1 ractices to be followed	
Rice	Nursery/transpl antation	Stem borer	*	Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litres of water) solution before sowing. Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.	
Maize	Vegetative	Stem borer		Light interculture operation is advised,	
Jhum field	Sowing/ germination		*	Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.	
VEGETABLES	S				
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	*	Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided,	
Tomato, Chilli	Transplanting/ Vegetative/ Harvesting	Fruit borer/ Late blight		Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,	
HORTICULTU	URAL CROPS		•		
Orange	Fruiting	Aphid	* *	Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning,	
LIVESTOCK as	nd POULTRY				
Livestock	Stage	Disease		Precautionary Practices to be followed	
Cattle/ Mithun	All Growth		*	Vaccination with foot and mouth disease (FMD), Provide fodder supplement,	
Pig	Pigs/ Piglets		*	Deworming of animals under supervision of registered practitioner, Iron supplements to piglets,	
Contact Scient	entists (ICAR) or Stat	te Agril Staff or KVK	Staff for r	measures against adverse conditions or call at 03795-226237/226247	



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

ADVISORY FOR DISTRICT: EAST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Rainfall: 74.8 mm; T. Max: 28.0°C; T. Min: 20.0°C; RH: 71-100%	Partly cloudy with possibility of light to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 24.0-26.0°C and 19.0-21.0°C respectively. Expected morning and evening relative humidity will be 81-93% and 39-56% respectively. Wind direction is mainly WSW & SW with average wind speed range of 5.6-5.9 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and lightning is very likely to occur at isolated places over Arunachal

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	f vaccination sche				
			ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS		~ .			
Rice	Nursery/transpl	Stem borer	Rice: Weed free & clean nursery periphery to prevent		
	antation		disease/pest harboring.		
			• Wet seed treatment for 12hrs. in Carbendazim 50% WP		
			(1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litres of water) solution before sowing.		
			Cut the tips of the leaves before transplanting reduces the		
			population of stem borer as the eggs are laid on that site. It will		
			reduce the carryover of the infestation to the main field.		
Maize	Vegetative	Stem borer	Light interculture operation is advised,		
Jhum field	Sowing/		❖ Adopt sowing of leguminous crops like cowpea, frenchbean,		
	germination		soybean etc at 2-3 rows across the slope of jhum field at		
			desirable intervals or ratios with rice to prevent soil erosion and		
			conserve moisture and fertility.		
VEGETABLES					
Sponge, bitter,	Sowing/	Cut worm	Earthing up of germinated plants,		
ash, ridge gourd, pumpkin,	Germination/ Vegetative	Damping off	Sowing of certified seeds in well prepared hills may be done.		
cucumber	Vegetative		Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the		
			crop field using a light sourceSeed treatment with copper fungicides to control damping off		
			 Application of raw cow dung should be avoided, 		
Tomato,	Transplanting/	Fruit borer/	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml		
Chilli	Vegetative/	Late blight	per litre of water,		
	Harvesting				
HORTICULT					
Orange	Fruiting	Aphid	Planting of new seedlings procured from certified source,		
			Pruning of water suckers,		
			Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches		
			tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack		
			of aphid,		
			Basin cleaning,		
LIVESTOCK as	nd POULTRY				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Cattle/ Mithun	All Growth		❖ Vaccination with foot and mouth disease (FMD),		
			Provide fodder supplement,		
Pig	Pigs/ Piglets		 Deworming of animals under supervision of registered 		
			practitioner,		
G + +G+	Continue (ICAP)	. A 1 C/4 . 00 T7 T7 T7	❖ Iron supplements to piglets,		
Contact Sci	entists (ICAR) or Stat	e Agrii Staff or KVK	Staff for measures against adverse conditions or call at 03795-226237/226247		





(Period: 8th to 12th May 2019)

No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 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 May 2019
Rainfall (Koloriang): 17.2 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 24.0-
	26.0°C and 15.0-16.0°C respectively. Expected morning and evening relative
	humidity will be 92-94% and 51-56% respectively. Wind direction is mainly
	W & WNW with average wind speed range of 5.8-6.4 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and
	lightning is very likely to occur at isolated places over Arunachal

- Monitor for possible attack of insects/pests

Application of fertilizers/manure can be done during clear/dry days Prepar drainage to all group to avoid remoff.					
_	 Proper drainage to all crop to avoid runoff Check of vaccination schedule in poultry/livestock 				
• CHECK OF	DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS	Buge	1 CSG Discuse	Treatment of Tractices to be followed		
Rice (WRC)	Nursery	Yellow stem	❖ Transplanting of seedlings may be done in well puddled WRC		
Early sown crop	Preparation and	borer	field,		
, ,	transplanting		Cutting of upper portions of leaves of seedlings before		
			transplanting helps in management of stem borer/		
			installation of Stem borer specific pheromone traps,		
Maize	Sowing/	Leaf feeding	Provide proper drainage facility in the crop field		
	Vegetative	caterpillars	Sowing of treated seeds may be done,		
			Monitor against leaf feeding caterpillars. These are the army		
			worm which feeds in groups		
VEGETABLES					
French Bean,	Sowing	Cut worm	❖ In view of clear weather ahead sowing of treated seeds @ 2		
black gram,	and germination		seeds per hill in traces and in <i>Jhum</i> areas at recommended		
green gram.			spacing may be done, Earthing up of already sown crop,		
			 Earthing up of already sown crop, Protection of seeds from cut worm by application of Carbofuran. 		
			Also caterpillars may be manually collected in the dusk hours in		
			the crop field using a light source		
Sponge, bitter,	Sowing/	Cut worm	Earthing up of germinated plants,		
ash, ridge gourd,	Germination/	Damping off	Sowing of certified seeds in well prepared hills may be done.		
pumpkin,	Vegetative		Protection of seeds from cut worm by application of Carbofuran,		
cucumber			/caterpillars may be manually collected in the dusk hours in the		
			crop field using a light source		
			Seed treatment with copper fungicides to control damping off		
			Application of raw cow dung should be avoided,		
HORTICULT	URAL CROPS				
Banana			New planting may be done during the week,		
			Earthing up followed by fertilizer application,		
Guava	Bud initiation		Basin cleaning,		
	stage		• Water stagnation should be avoided,		
			 Application of well decomposed manures and fertilizers may be 		
Dingannla	Planting		done, Planting of new suckers may be done during the week,		
Pineapple	1 failting		1 failting of new suckers may be done during the week,		
LIVESTOCKS		.			
Livestock	Stage	Disease	Precautionary Practices to be followed		
Chickens	All stages		Deworming against coccidiosis,		
			 Vaccination of new born chicks for Rani khet disease 		
Cattle/ Mithun	All Growth		vaccination with foot and mouth disease (FMD),		
C 1 12 1	ordina (ICAR) C	4 . A 1 C/4 .00 T77.T77	* Provide fodder supplement,		
Contact Sci	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247				



District Level Agro-met Advisory Bulletin



No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 2019



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

ADVISORY FOR DISTRICT: LOHIT

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Rainfall: 48.4 mm (Tezu)	Partly cloudy with possibility of light to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 25.0-27.0°C and 20.0-23.0°C respectively. Expected morning and evening
	relative humidity will be 71-81% and 39-56% respectively. Wind direction
	is mainly E & NE average wind speed range of 6.3-7.3 kmph.
Warning	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and
	lightning is very likely to occur at isolated places over Arunachal

GENER	AL RECOMMEN	NDATIONS				
• Monitor	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					
-	U	dule in poultry/liv				
		DETAILS OF A	ADVISC	ORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS						
Rice	Nursery/transpl	Stem borer	*	Rice: Weed free & clean nursery periphery to prevent		
	antation			disease/pest harboring.		
			*	Wet seed treatment for 12hrs. in Carbendazim 50% WP		
				(1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litres		
				of water) solution before sowing.		
			*	Cut the tips of the leaves before transplanting reduces the		
				population of stem borer as the eggs are laid on that site. It will		
				reduce the carryover of the infestation to the main field.		
Maize	Vegetative	Stem borer	*	Light interculture operation is advised,		
Jhum field	Sowing/		*	Adopt sowing of leguminous crops like cowpea, frenchbean,		
	germination			soybean etc at 2-3 rows across the slope of jhum field at		
				desirable intervals or ratios with rice to prevent soil erosion and		
				conserve moisture and fertility.		
VEGETABLES	S					
Sponge, bitter,	Sowing/	Cut worm	*	Earthing up of germinated plants,		
ash, ridge gourd,	Germination/	Damping off	*	Sowing of certified seeds in well prepared hills may be done.		
pumpkin, cucumber	Vegetative		*	Protection of seeds from cut worm by application of Carbofuran,		
Cucumber				/caterpillars may be manually collected in the dusk hours in the crop field using a light source		
			*	Seed treatment with copper fungicides to control damping off		
				Application of raw cow dung should be avoided,		
Tomato,	Transplanting/	Fruit borer/	*	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml		
Chilli	Vegetative/	Late blight		per litre of water,		
	Harvesting					
HORTICULT		A 1 · 1	•			
Orange	Fruiting	Aphid		Planting of new seedlings procured from certified source,		
				Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the		
			•	tree trunk and other branches,		
			*	Constant monitoring of new buds of the crop for probable attack		
				of aphid,		
			*	Basin cleaning,		
LIVESTOCK a	nd POULTRY					
Livestock	Stage	Disease		Precautionary Practices to be followed		
Cattle/ Mithun	All Growth		*	Vaccination with foot and mouth disease (FMD),		
				Provide fodder supplement,		
Pig	Pigs/ Piglets		*	Deworming of animals under supervision of registered		
			.*.	practitioner,		
Contact Science	entists (ICAR) or Sta	te Agril Staff or KVK		Iron supplements to piglets, measures against adverse conditions or call at 03795-226237/226247		
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District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 8th to 12th May 2019)

No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 2019



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

ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Rainfall (Roing): 36.4 mm	Partly cloudy with possibility of light to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 25.0-27.0°C and 20.0-21.0°C respectively. Expected morning and evening
	relative humidity will be 81-89% and 41-54% respectively. Wind direction
	is mainly SE & SSE with average wind speed range of 7.1-7.4 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and
	lightning is very likely to occur at isolated places over Arunachal

- 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	<u> </u>		·	
Rice	Nursery/transpl antation	Stem borer	 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litres of water) solution before sowing. Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field. 	
Maize	Vegetative	Stem borer	 Light interculture operation is advised, 	
Jhum field	Sowing/ germination		❖ Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.	
VEGETABLES	S			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided, 	
Tomato, Chilli	Transplanting/ Vegetative/ Harvesting	Fruit borer/ Late blight	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,	
HORTICULT				
Orange	Fruiting	Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning, 	
LIVESTOCK as	nd POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed	
Cattle/ Mithun	All Growth		 Vaccination with foot and mouth disease (FMD), Provide fodder supplement, 	
Pig	Pigs/ Piglets		 Deworming of animals under supervision of registered practitioner, Iron supplements to piglets, 	
Contact Scient	entists (ICAR) or Stat	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247	







No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 2019



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

ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Ziro: 51.2 mm	Partly cloudy with possibility moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 24.0-28.0°C and 17.0-19.0°C respectively. Expected morning and evening
	relative humidity will be 91-96% and 54-69% respectively. Wind direction
	is mainly W with average wind speed range of 4.5-5.1 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and
	lightning is very likely to occur at isolated places over Arunachal

GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

	ion of fortilizars/r	-	no duri	ag aloon/dny dove		
	Application of fertilizers/manure can be done during clear/dry days Draw or during set to all every to every dry many fermions.					
_	Proper drainage to all crop to avoid runoff Challe for the desired to the d					
• Check of	Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD					
C	G4		AD VISC			
Crop FIELD CROPS	Stage	Pest/Disease		Precautionary Practices to be followed		
Jhum field			**	Avaid sowing in case of beavy, noin		
Jnum Heid			*	Avoid sowing in case of heavy rain.		
D: (WDC)	N.T.	X7 11 .	*	Proper arrangement to avoid run-off		
Rice (WRC)	Nursery	Yellow stem	*	7 · · · · · · · · · · · · · · · · · · ·		
Early sown crop	Preparation and transplanting	borer	•	field,		
	uanspianung		•	Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer/		
				installation of Stem borer specific pheromone traps,		
Maize	Sowing/	Leaf feeding	*	Provide proper drainage facility in the crop field		
TVIGIZE	Vegetative	caterpillars	*	Sowing of treated seeds may be done,		
			*	Monitor against leaf feeding caterpillars. These are the army		
			·	worm which feeds in groups		
VEGETABLES						
French Bean,	Sowing	Cut worm	*	In view of clear weather ahead sowing of treated seeds @ 2		
black gram,	and germination			seeds per hill in traces and in <i>Jhum</i> areas at recommended		
green gram.				spacing may be done,		
			*	Earthing up of already sown crop,		
			*	Protection of seeds from cut worm by application of Carbofuran.		
				Also caterpillars may be manually collected in the dusk hours in		
				the crop field using a light source		
Sponge, bitter,	Sowing/	Cut worm	*	Earthing up of germinated plants,		
ash, ridge gourd,	Germination/	Damping off	*	Sowing of certified seeds in well prepared hills may be done.		
pumpkin, cucumber	Vegetative		*	Protection of seeds from cut worm by application of Carbofuran,		
cucumber				/caterpillars may be manually collected in the dusk hours in the		
			**	crop field using a light source Seed treatment with copper fungicides to control damping off		
			*	Application of raw cow dung should be avoided,		
HORTICULT	IIRAI CROPS		•	Application of faw cow dulig should be avoided,		
Banana			*	New planting may be done during the week,		
Danana			*	Earthing up followed by fertilizer application,		
Guava	Bud initiation		*	Basin cleaning,		
Juava	stage		*	Water stagnation should be avoided,		
	5.4.50		*	Application of well decomposed manures and fertilizers may be		
			•	done,		
Pineapple	Planting		*	Planting of new suckers may be done during the week,		
LIVESTOCKS				g		
Livestock	Stage	Disease		Precautionary Practices to be followed		
Chickens	0	Discuse				
CHICKEHS	All stages		* *	Deworming against coccidiosis, Vaccination of new born chicks for Rani khet disease		
Cattle/ Mithun	All Growth		*	Vaccination of new born chicks for Rain knet disease Vaccination with foot and mouth disease (FMD),		
Cattle/ William	All Olowii		*	Provide fodder supplement,		
Contact Scientists	s (ICAR) or State A	gril Staff or KVK	-	measures against adverse conditions or call at 03795-226237/226247		
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District Level Agro-met Advisory Bulletin



No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 2019



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

ADVISORY FOR DISTRICT: PAPUM PARE

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Rainfall: 82.6 mm; T. Max: 30.0°C; T. Min:	Partly cloudy with possibility of moderate to rather heavy rain. Daily
21.0°C; RH: 74-93%	maximum and minimum temperature for the following period is predicted to
	be 24.0-29.0°C and 20.0°C respectively. Expected morning and evening
	relative humidity will be 85-95% and 59-72% respectively. Wind direction
	is mainly ENE & E with average wind speed range of 5.0-5.8 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and
	lightning is very likely to occur at isolated places over Arunachal

Monitor for possible attack of insects/pests Application of fertiligers/manure can be done during clear/dry days Proper drainage to all croy to avoid runoff Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD TOP Stage Pest/Disease Precautionary Practices to be followed FIELD CROPS Rice Nursery/transpl antation Nursery/transpl Adopt sowing of leguminous crops like cowpea, frenchbean, sopbean et a 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil crosion and conserve moisture and fertility. Nursery/transple antation antation and conserve moisture and fertility. Nursery/transple antation anta	GENER	AL RECOMMEN	NDATIONS	
Proper drainage to all crop to avoid runoff Crop Stage Pest/Disease Precautionary Practices to be followed FIELD CROPS Rice Nursery/transpl antation Nursery/transpl antation Nursery/transpl (Stem borer antation) Addition Sowing/ germination Maize Vegetative Stem borer Sponge, bitter, ash, ridge gourd, pumpkin, cucumber Tomato, Chilli Vegetative Harvesting HORTICULTURAL CROPS Orange Fruiting Aphid Pigs Pigs/ Piglets Presultionary Practices to be followed Preservitionary Practices to be followed Precautionary Practices to be followed Proventionary Practices to be followed Provide folder supplements, or piglets,	Monitor	for possible attac	k of insects/pests	
Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD	 Applicat 	tion of fertilizers/r	nanure can be do	e during clear/dry days
Crop Stage Pest/Disease Precautionary Practices to be followed	Proper drainage to all crop to avoid runoff			
Crop Stage Pest/Disease Precautionary Practices to be followed	Check of	f vaccination sche		
Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Nursery/transpl antation Nursery/transple to the tacked the dush hours in the crop field using a light source Nurser antation of Carboriurary/caterplians may be manually collected in the dusk hours in the crop field using a light source Nurser antation proper fungicides to control damping off Nu			DETAILS OF A	DVISORIES FOR THE PERIOD
Rice Nursery/transpl antation Stem borer Stem borer		Stage	Pest/Disease	Precautionary Practices to be followed
disease/pest harboring. Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litres of water) solution before sowing. Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field. Maize Vegetative Stem borer Light interculture operation is advised, Jhum field Sowing/ germination Sowing/ germination Vegetative Sowing/ dermination Pamping off Vegetative Sowing/ Vegetative Sowing Cermination Pamping off Sowing Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Printiborer/ Late blight Harvesting HORTICULTURAL CROPS Orange Fruiting Aphid Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Provide fodder supplement, Pig Pigs/Piglets Pigs/Piglets Provide fodder supplements to piglets, Iros supplements to piglets,				
Maize Vegetative Stem borer Light interculture operation is advised,	Rice		Stem borer	 disease/pest harboring. Wet seed treatment for 12hrs. in Carbendazim 50% V (1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litter of water) solution before sowing. Cut the tips of the leaves before transplanting reduces a population of stem borer as the eggs are laid on that site. It was the eggs are laid on that site.
Jhum field Sowing germination Sowing germination Sowing Sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. VEGETABLES	Maize	Vegetative	Stem horer	<u> </u>
Soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. VEGETABLES		ū	Stelli bolei	
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber Vegetative Vegetative Cut worm Damping off	Jhum field	•		soybean etc at 2-3 rows across the slope of jhum field desirable intervals or ratios with rice to prevent soil erosion a
ash, ridge gourd, pumpkin, cucumber Vegetative Harvesting Fruit borer/ Late blight Vegetative Harvesting Aphid Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning, LIVESTOCK and POULTRY Livestock Stage Disease Precautionary Practices to be followed Vaccination with foot and mouth disease (FMD), Provide fodder supplement, Pig Pigs/Piglets Pigs Pigst Pigsteria (Sermination) Vegetative Provide seeds from cut worm by application of Carbofuran, /caterpillars may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided, Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning, Livestock to be followed All Growth Provide fodder supplement, Provide fodder supplements, In ron supplements to piglets,	VEGETABLE	S		
Tomato, Chilli Vegetative/ Harvesting Fruit borer/ Late blight Per litre of water, HORTICULTURAL CROPS Orange Fruiting Aphid Pruning of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning. LIVESTOCK and POULTRY Livestock Stage Disease Precautionary Practices to be followed Cattle/ Mithun All Growth Pigs/ Piglets Pigs/ Piglets Pig Pigs/ Piglets Pigs/ Piglets Transplanting/ Vegetative Late blight per litre of water, Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Precautionary Practices to be followed Vaccination with foot and mouth disease (FMD), Provide fodder supplement, Deworming of animals under supervision of registered practitioner, Iron supplements to piglets,	ash, ridge gourd, pumpkin,	Germination/		 Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofura/caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off
Orange Fruiting Aphid Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning, LIVESTOCK and POULTRY Livestock Stage Disease Precautionary Practices to be followed Cattle/ Mithun All Growth Pig Pigs/ Piglets Pigs / Piglets Disease Provide fodder supplement, Pig Pigs / Piglets Pigs / Piglets Planting of new seedlings procured from certified source, Pruning of new seedlings procured from certified source, Pruning of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Precautionary Practices to be followed Vaccination with foot and mouth disease (FMD), Provide fodder supplement, Pig Deworming of animals under supervision of registered practitioner, Figure 1 and 1 a		Vegetative/		 Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 n
IVESTOCK and POULTRY Livestock Stage Disease Precautionary Practices to be followed Cattle/ Mithun All Growth ♦ Provide fodder supplement, Pig Pigs/ Piglets ♦ Disease Precautionary practices to be followed of an imals under supervision of registered practitioner, Iron supplements to piglets, ♦ Iron supplements to piglets,	HORTICULT	URAL CROPS		
Livestock Stage Disease Precautionary Practices to be followed Cattle/ Mithun All Growth ❖ Vaccination with foot and mouth disease (FMD), ❖ Provide fodder supplement, ❖ Deworming of animals under supervision of registered practitioner, ❖ Iron supplements to piglets,	Orange	Fruiting	Aphid	 Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable atta of aphid,
Cattle/ Mithun All Growth Pig Pigs/ Piglets Pigs Piglets Pigs Piglets Pigs Piglets Pigs Piglets Pigs Piglets Pigs Piglets Pign Pigs/ Piglets Pign	LIVESTOCK a	nd POULTRY		
Pig Pigs/ Piglets Provide fodder supplement, Deworming of animals under supervision of registered practitioner, Pign Pigs/ Piglets Provide fodder supplement, Pigs/ Piglets Pigs/ P	Livestock	Stage	Disease	Precautionary Practices to be followed
practitioner, Iron supplements to piglets,				Provide fodder supplement,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			1 0 0	practitioner, * Iron supplements to piglets,
	Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	statt for measures against adverse conditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 8th to 12th May 2019)

No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 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 May 2019
Rainfall: 28.0 mm	Mostly sunny with possibility of very light rain. Daily maximum and
	minimum temperature for the following period is predicted to be 14.0-
	15.0°C and 5.0-6.0°C respectively. Expected morning and evening relative
	humidity will be 84-94% and 40-49% respectively. Wind direction is mainly
	E & SSW with average wind speed range of 7.7-9.3 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and
	lightning is very likely to occur at isolated places over Arunachal

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 FIELD CROPS Jhum field **Sowing advocated** Make proper arrangement of drainage to avoid water stagnation and runoff. Rice (WRC) Nursery Yellow stem Transplanting of seedlings may be done in well puddled WRC Preparation and Early sown crop borer transplanting **Cutting of upper portions of leaves of seedlings before** transplanting helps in management of stem borer/ installation of Stem borer specific pheromone traps, Leaf feeding Maize Sowing/ Provide proper drainage facility in the crop field Vegetative caterpillars Sowing of treated seeds may be done, Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups **VEGETABLES** French Bean, Sowing Cut worm In view of clear weather ahead sowing of treated seeds @ 2 black gram, and germination seeds per hill in traces and in *Jhum* areas at recommended green gram. spacing may be done, Earthing up of already sown crop, Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source Sponge, bitter, Sowing/ Cut worm Earthing up of germinated plants, ash, ridge gourd, Germination/ Damping off Sowing of certified seeds in well prepared hills may be done. pumpkin, Vegetative Protection of seeds from cut worm by application of Carbofuran, cucumber /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided, HORTICULTURAL CROPS Banana New planting may be done during the week, Earthing up followed by fertilizer application, Guava **Bud** initiation Basin cleaning, stage Water stagnation should be avoided, Application of well decomposed manures and fertilizers may be done. Pineapple Planting Planting of new suckers may be done during the week, **LIVESTOCKS Precautionary Practices to be followed** Livestock Stage **Disease** Chickens All stages Deworming against coccidiosis, Vaccination of new born chicks for Rani khet disease Cattle/ Mithun All Growth Vaccination with foot and mouth disease (FMD), Provide fodder supplement,





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 8th to 12th May 2019)

No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 2019



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

ADVISORY FOR DISTRICT: TIRAP

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Rainfall: NA	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 28.0-
	29.0°C and 19.0-20.0°C respectively. Expected morning and evening relative
	humidity will be 78-85% and 39-54% respectively. Wind direction is mainly
	SSE & ESE with average wind speed range of 4.1-4.7 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40) KMPH and
	lightning is very likely to occur at isolated places over Arunachal

- Avoid all spray operations
- Application of fertilizers/manure may be avoided

	ion of fertilizers/r	•		
_	rainage to all cro vaccination sche	_		
• Check of	vaccination sche			IES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	J			v
Rice	Nursery/transpl antation	Stem borer	d	Rice: Weed free & clean nursery periphery to prevent lisease/pest harboring. Wet seed treatment for 12hrs. in Carbendazim 50% WP 1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litres of water) solution before sowing. Cut the tips of the leaves before transplanting reduces the opulation of stem borer as the eggs are laid on that site. It will educe the carryover of the infestation to the main field.
Maize	Vegetative	Stem borer	♦ L	ight interculture operation is advised,
Jhum field	Sowing/ germination		se d	Adopt sowing of leguminous crops like cowpea, frenchbean, oybean etc at 2-3 rows across the slope of jhum field at esirable intervals or ratios with rice to prevent soil erosion and onserve moisture and fertility.
VEGETABLES	S			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	* S * P // c c * S	Carthing up of germinated plants, sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, caterpillars may be manually collected in the dusk hours in the rop field using a light source seed treatment with copper fungicides to control damping off application of raw cow dung should be avoided,
Tomato, Chilli	Transplanting/ Vegetative/ Harvesting	Fruit borer/ Late blight		praying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml er litre of water,
HORTICULTU	URAL CROPS			
Orange	Fruiting	Aphid	PMttC	Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the ree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Basin cleaning,
LIVESTOCK as	nd POULTRY			
Livestock	Stage	Disease		Precautionary Practices to be followed
Cattle/ Mithun	All Growth		♦ P	Vaccination with foot and mouth disease (FMD), Provide fodder supplement,
Pig	Pigs/ Piglets		p ❖ Iı	Deworming of animals under supervision of registered ractitioner, ron supplements to piglets,
Contact Scient	entists (ICAR) or Stat	te Agril Staff or KVK	staff for me	easures against adverse conditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 8th to 12th May 2019)

No: AMFU-Basar/2019/36

Dated: Tuesday, 7th May 2019



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

ADVISORY FOR DISTRICT: UPPER SIANG

Weather summery of the previous week	Weather forecast valid up to 12 th May 2019
Rainfall: NA	Partly cloudy with possibility of moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 25.0-
	26.0°C and 15.0-16.0°C respectively. Expected morning and evening relative
	humidity will be 90-92% and 51-57% respectively. Wind direction is mainly
	SSW & SW with average wind speed range of 6.2-6.7 kmph.
Warning:	Thunderstorm accompanied with gusty wind speed (30-40)
	KMPH and lightning is very likely to occur at isolated places over
	Arunachal

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests

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Provide fodder supplement,