



District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th 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 15 th May 2019
Rainfall: NA	Partly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 24.0-25.0°C and 20.0°C respectively. Expected morning and evening
	relative humidity will be 85-88% and 47-57% respectively. Wind direction
	is mainly SSE & SE with average wind speed range of 3.5-4.8 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal
	Pradesh

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

	uon of terunizers/i	•	olucu		
_	Proper drainage to all crop to avoid runoff				
• Check of	Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD				
C	G4				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS	NI/1	Ct and barren	• D' XX 1.6 0 1		
Rice	Nursery/transpl antation	Stem borer	Rice: Weed free & clean nursery periphery to prev		
	antation		disease/pest harboring.		
			❖ Wet seed treatment for 12hrs. in Carbendazim 50%		
			(1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 li		
			of water) solution before sowing.		
			Cut the tips of the leaves before transplanting reduces		
			population of stem borer as the eggs are laid on that site. It		
			reduce the carryover of the infestation to the main field.		
Jhum field	Sowing/		Adopt sowing of leguminous crops like cowpea, frenchber		
	germination		soybean etc at 2-3 rows across the slope of jhum field		
			desirable intervals or ratios with rice to prevent soil erosion		
			conserve moisture and fertility.		
			Adequate arrangement to avoid runoff.		
			Check the already sown site of vegetables and re-sowin		
			advocated in case of failure due to heavy rain last week.		
VEGETABLE					
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 Carbofu		
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 of 		
			Application of raw cow dung should be avoided,		
French bean/	Sowing/		Sowing of treated seed @ 2 seed per hill in traces and in Jhur		
black gram/	Vegetative		field at recommended spacing advocated		
green gram			Earthing up of already sown or germinated crop recommende		
	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 transfer and other branches.		
			tree trunk and other branches,Constant monitoring of new buds of the crop for probable att		
			of aphid,		
			Sasin cleaning,		
LIVESTOCK a	nd POULTRY				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pig	Pigs/ Piglets		 Deworming of animals under supervision of registered 		
			practitioner,		
			❖ Îron supplements to piglets,		
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247		





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(Period: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th 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 15 th May 2019
Rainfall: 58.6 mm	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-26.0°C and 19.0-20.0°C respectively. Expected morning and evening relative humidity will be 91-92% and 50-71% respectively. Wind direction is mainly variable with average wind speed range of 5.6-6.6 kmph
Warning:	 kmph. Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

- Monitor for possible attack of insects/pests

-	drainage to all cro			
Check of vaccination schedule in poultry/livestock				
			DVISC	ORIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Jhum field				Avoid sowing in case of heavy rain.
	~		*	Proper arrangement to avoid run-off
Maize	Sowing/	Leaf feeding	*	Provide proper drainage facility in the crop field
	Vegetative	caterpillars	*	Light interculture operations in case of no rain
			*	Sowing of treated seeds may be done,
			**	Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups
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,
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 <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,	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
HODTICHET	IDAL CDODG		**	Application of raw cow dung should be avoided,
	URAL CROPS		*	Manual removal of lightness masses and any animhytes from the
Orange	Fruiting		*	Manual removal of lichens, mosses and any epiphytes from tree trunk
			*	Constant monitoring of new buds for probable attack of aphids
Pineapple	Planting			Planting of new suckers may be done during the week,
LIVESTOCKS			•	g, we do not during the moon,
Livestock	Stage	Disease		Precautionary Practices to be followed
Rabit	All stages		*	Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		•	Vaccination with foot and mouth disease (FMD),
Catalo, minutali	1111 010 ((11)		*	Provide fodder supplement,



District Level Agro-met Advisory Bulletin



(Period: 11th to 15th May 2019)

No: AMFU-Basar/2019/37





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 15 th May 2019
Daporijo: 9.8 mm	Partly/mostly cloudy with possibility of moderate to rather heavy rain.
	Daily maximum and minimum temperature for the following period is
	predicted to be 23.0-27.0°C and 19.0-20.0°C respectively. Expected morning
	and evening relative humidity will be 91-94% and 50-70% respectively.
	Wind direction is mainly S & NW with average wind speed range of 5.3 -6.1
	kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal
	Pradesh

GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

	Monitor for possible attack of insects/pests Analization of factilization was a second and analyzing allow days are a second and				
 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					
0110011 01	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			RIES 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.	
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. Adequate arrangement to avoid runoff. Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.	
VEGETABLE	$\overline{\mathbf{S}}$				
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,	
French bean/ black gram/ green gram	Sowing/ Vegetative			Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated Earthing up of already sown or germinated crop recommended.	
	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 a	T				
Livestock Pig	Stage Pigs/ Piglets	Disease	*	Precautionary Practices to be followed Deworming of animals under supervision of registered	
Ü				practitioner, 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: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall = Bomdila: NA; Bhalukpong: 12.0	Partly cloudy with possibility of moderate rain. Daily maximum and
mm; Kalaktang: 0.0 mm	minimum temperature for the following period is predicted to be 24.0-
	25.0°C and 20.0°C respectively. Expected morning and evening relative
	humidity will be 89-92% and 54-63% respectively. Wind direction is mainly
	NNW & NW wind speed range of 6.6-8.4 kmph.
WARNING:	Heavy rainfall is likely to occur at isolated places over Arunachal
	Pradesh

GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

 Applicat 	ion of fertilizers/n	nanure can be do	ne durii	ng clear/dry days	
 Proper drainage to all crop to avoid runoff Check of vaccination schedule in poultry/livestock 					
• Check of	t vaccination sche			ORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease	DVISC	Precautionary Practices to be followed	
FIELD CROPS	Stage	1 CSU/DISCASC		1 recautionary 1 ractices to be followed	
Jhum field			*	Avoid sowing in case of heavy rain.	
			*	Proper arrangement to avoid run-off	
Maize	Sowing/	Leaf feeding	•	Provide proper drainage facility in the crop field	
	Vegetative	caterpillars	*	Light interculture operations in case of no rain	
		•	*	Sowing of treated seeds may be done,	
			*	Monitor against leaf feeding caterpillars. These are the army	
				worm which feeds in groups	
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,	
VEGETABLES				instantation of Stem borer specific pheromone traps,	
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	
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	2 minping off	*	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,	
	URAL CROPS				
Banana				New planting may be done during the week,	
0	E:		*	Earthing up followed by fertilizer application,	
Orange	Fruiting		*	Manual removal of lichens, mosses and any epiphytes from tree trunk	
			*	Constant monitoring of new buds for probable attack of aphids	
Pineapple	Planting		•	Planting of new suckers may be done during the week,	
LIVESTOCKS	- 0			g to the management would	
Livestock	Stage	Disease		Precautionary Practices to be followed	
Rabit	All stages		*	Deworming with anti-coccidiosis drugs,	
Cattle/ Mithun	All Growth		*	Vaccination with foot and mouth disease (FMD),	
Cattle/ William	7 III Olowul		*	Provide fodder supplement,	
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK		measures against adverse conditions or call at 03795-226237/226247	



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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 15 th May 2019
Rainfall: 18.8 mm, Max. T: 21.5°C, Min. T: 16.0°C, Wind Speed: 3-4 km/h, RH: 75-98%, Wind Direction: WSW & SSE	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 92-95% and 47-70% respectively. Wind direction is mainly WNW & NW with average wind speed range of 5.3-6.2
Warning:	kmph. Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

	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					
Check of	f vaccination sche					
		DETAILS OF A	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% 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. 			
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. Adequate arrangement to avoid runoff. Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week. 			
VEGETABLE	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, 			
French bean/ black gram/ green gram	Sowing/ Vegetative		 Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated Earthing up of already sown or germinated crop recommended. 			
Orange	Fruiting	Aphid	Planting of new seedlings procured from certified source,			
Orange	Truiting	<i>1</i> ipinu	 Pruning of new seedings 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			
Pig	Pigs/ Piglets		 Deworming of animals under supervision of registered practitioner, 			
		l	❖ Iron supplements to piglets,			





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(Period: 11th to 15th May 2019)

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Dated: Friday, 10th May 2019



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 1 th May 2019
No weather summary available	Partly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 23.0-25.0°C and 20.0°C respectively. Expected morning and evening
	relative humidity will be 67-87% and 41-62% respectively. Wind direction
	is mainly SE & SSE with average wind speed range of 6.3-9.3 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

Warning:				eavy rainfall is likely to occur at isolated places over runachal Pradesh
MonitorApplicatProper of	AL RECOMMEN for possible attac tion of fertilizers/r drainage to all cro f vaccination sche	k of insects/pests nanure can be do p to avoid runoff dule in poultry/li	one durii vestock	
	a.		ADVISC	ORIES FOR THE PERIOD
Crop FIELD CROPS	Stage	Pest/Disease		Precautionary Practices to be followed
Jhum field			*	Avoid sowing in case of heavy rain.
Jium Heid			*	Proper arrangement to avoid run-off
Maize	Sowing/	Leaf feeding	*	Provide proper drainage facility in the crop field
Wiaize	Vegetative	caterpillars	*	Light interculture operations in case of no rain
	, egetative	caterprinars	*	Sowing of treated seeds may be done,
			*	Monitor against leaf feeding caterpillars. These are the army
				worm which feeds in groups
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/
VEGETABLES				installation of Stem borer specific pheromone traps,
French Bean,	Sowing	Cut worm	*	In view of clear weather ahead sowing of treated seeds @ 2
black gram,	and germination	Cut World	·	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
Change hitten	Carrie a/	Cut man	**	the crop field using a light source
Sponge, bitter, ash, ridge gourd,	Sowing/ Germination/	Cut worm Damping off	*	Earthing up of germinated plants,
pumpkin,	Vegetative	Damping on	*	Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran,
cucumber	v egetative		•	/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,
	URAL CROPS			
Banana				New planting may be done during the week,
	-		*	Earthing up followed by fertilizer application,
Orange	Fruiting		*	Manual removal of lichens, mosses and any epiphytes from tree
			*	trunk Constant manitaring of new hude for probable attack of enhids
Pineapple	Planting		*	Constant monitoring of new buds for probable attack of aphids Planting of new suckers may be done during the week,
LIVESTOCKS	Tiunting			I mining of new suckers may be done during the week,
Livestock	Stage	Disease		Precautionary Practices to be followed
Rabit	All stages	Distast	*	Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		_	0 07
Cattle/ Millinun	All Glowth		* *	Vaccination with foot and mouth disease (FMD), Provide fodder supplement,
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK		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: CHANGLANG

{Changlang (HQ): Latitude: 27.1305856/Longitude: 95.7342373/Altitude: 580 masl}

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall = Changlang: 9.2 mm Miao: 19.0 mm	Partly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 24.0-26.0°C and 19.0-20.0°C respectively. Expected morning and evening
	relative humidity will be 79-85% and 40-48% respectively. Wind direction
	is mainly SE & SSE with average wind speed range of 4.0-5.5 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over
	Arunachal Pradesh

CELED	AT DECOME	ID A DIONG		
	AL RECOMMEN			
Monitor	for possible attac	k of insects/pests		
Application of fertilizers/manure can be done during clear/dry days				
Proper drainage to all crop to avoid runoff				
-	f vaccination sche	-		
0110011				RIES FOR THE PERIOD
Crop	Stage	Pest/Disease	12 (150	Precautionary Practices to be followed
FIELD CROPS		1 CSU DISCASC		Trecationary fractices to be followed
Rice	Nursery/transpl	Stem borer	*	Rice: Weed free & clean nursery periphery to prevent
Ricc	antation	Stelli borei	•	
	untation			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
1				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/		*	Adopt sowing of leguminous crops like cowpea, frenchbean,
ontini IIola	germination			soybean etc at 2-3 rows across the slope of jhum field at
	8			
				desirable intervals or ratios with rice to prevent soil erosion and
				conserve moisture and fertility.
				Adequate arrangement to avoid runoff.
			*	Check the already sown site of vegetables and re-sowing is
				advocated in case of failure due to heavy rain last week.
VEGETABLE	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,	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,
French bean/	Sowing/		*	Sowing of treated seed @ 2 seed per hill in traces and in Jhum
black gram/	Vegetative			field at recommended spacing advocated
green gram			*	Earthing up of already sown or germinated crop recommended.
HORTICULT	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 a	nd POULTRY			
Livestock	Stage	Disease		Precautionary Practices to be followed
Pig	Pigs/ Piglets		*	Deworming of animals under supervision of registered
_				practitioner,
			*	Iron supplements to piglets,
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK		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 15 th May 2019
Rainfall = 66.0 mm	Mostly/partly cloudy with possibility of moderate to rather heavy rain.
	Daily maximum and minimum temperature for the following period is
	predicted to be 23.0-25.0°C and 20.0°C respectively. Expected morning and
	evening relative humidity will be 92-95% and 58-81% respectively. Wind
	direction is mainly E & ESE with average wind speed range of 6.7-8.1
	kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

Monitor for possible attack of insects/pests				
Application of fertilizers/manure can be done during clear/dry days				
 Proper drainage to all crop to avoid runoff Check of vaccination schedule in poultry/livestock 				
Check of	f vaccination sche			ORIES FOR THE PERIOD
Conse	G4		ADVISC	
Crop FIELD CROPS	Stage	Pest/Disease		Precautionary Practices to be followed
Jhum field			*	Avoid sowing in case of heavy rain.
Jnum Heiu				
Maize	Covvin a/	Loof fooding	*	Proper arrangement to avoid run-off
Maize	Sowing/ Vegetative	Leaf feeding caterpillars	* *	Provide proper drainage facility in the crop field Light interculture operations in case of no rain
	Vegetative	caterpinars	*	Sowing of treated seeds may be done,
			*	Monitor against leaf feeding caterpillars. These are the army
			•	worm which feeds in groups
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,
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,	Vegetative	2 umping 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			
Orange	Fruiting		*	Manual removal of lichens, mosses and any epiphytes from tree
				trunk
D : 1	<i>p</i> i :		*	Constant monitoring of new buds for probable attack of aphids
Pineapple	Planting		*	Planting of new suckers may be done during the week,
LIVESTOCKS	1			
Livestock	Stage	Disease		Precautionary Practices to be followed
Rabit	All stages		*	Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		*	Vaccination with foot and mouth disease (FMD),
			*	Provide fodder supplement,
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 11th to 15th May 2019)

No: AMFU-Basar/2019/37



Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: EAST KAMENG

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall =0.4 mm	Partly/mostly cloudy with possibility of moderate rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 24-25°C and 20.0°C respectively. Expected morning and evening relative
	humidity will be 89-93% and 52-63% respectively. Wind direction is mainly
	S & SSE with average wind speed range of 5.8-6.7 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal
	Pradesh

GENERAL RECOMMENDATIONS6

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

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	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.
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. Adequate arrangement to avoid runoff. Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
VEGETABLE	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,
French bean/ black gram/ green gram	Sowing/ Vegetative		 Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated Earthing up of already sown or germinated crop recommended.
HORTICULT	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 a	nd POULTRY		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		 Deworming of animals under supervision of registered practitioner, Iron supplements to piglets,



District Level Agro-met Advisory Bulletin



(Period: 11th to 15th May 2019)

(Period: 11th to 15th May 2

No: AMFU-Basar/2019/37 Dated: Friday, 10th May 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 15 th May 2019
Rainfall: 40.0 mm; T. Max: 23.0°C; T. Min:	Partly cloudy with possibility of moderate to rather heavy rain. Daily
20.0°C; RH: 67-96%	maximum and minimum temperature for the following period is predicted to
	be 23.0-25.0°C and 19.0-20.0°C respectively. Expected morning and evening
	relative humidity will be 86-93% and 47-67% respectively. Wind direction
	is mainly WSW & SW with average wind speed range of 5.1-6.9 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over
	Arunachal Pradesh

GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

	for possible attac	-	ne 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	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice	Nursery/transpl	Stem borer	Rice: Weed free & clean nursery periphery to preven	
	antation		disease/pest harboring.	
			❖ Wet seed treatment for 12hrs. in Carbendazim 50% W	
			(1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litr	
			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 w	
			reduce the carryover of the infestation to the main field.	
Jhum field	Sowing/		Adopt sowing of leguminous crops like cowpea, frenchbea	
	germination		soybean etc at 2-3 rows across the slope of jhum field	
			desirable intervals or ratios with rice to prevent soil erosion ar	
			conserve moisture and fertility.	
			Adequate arrangement to avoid runoff.	
			Check the already sown site of vegetables and re-sowing	
			advocated in case of failure due to heavy rain last week.	
VEGETABLE				
Sponge, bitter,	Sowing/ Germination/	Cut worm	Earthing up of germinated plants,	
ash, ridge gourd, pumpkin,	Vegetative	Damping off	 Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofura 	
cucumber	v egetative		/caterpillars may be manually collected in the dusk hours in the	
2 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			crop field using a light source	
			Seed treatment with copper fungicides to control damping off	
			 Application of raw cow dung should be avoided, 	
French bean/	Sowing/		Sowing of treated seed @ 2 seed per hill in traces and in Jhum	
black gram/	Vegetative		field at recommended spacing advocated	
green gram	UDAL CDODG		Earthing up of already sown or germinated crop recommended.	
	URAL CROPS	Anhid	Dlasting of new condlines are 15 cm of 5 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 attac 	
			of aphid,	
			Basin cleaning,	
LIVESTOCK a				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pig	Pigs/ Piglets		 Deworming of animals under supervision of registered 	
			practitioner,	
Contact C.	entists (ICAB) and	to A cuil Ctoff ou IZIVI	❖ Iron supplements to piglets,	
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: 11th to 15th May 2019)

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Dated: Friday, 10th 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 15 th May 2019
Rainfall (Koloriang): 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 24.0-25.0°C and 20.0°C respectively. Expected morning and
	evening relative humidity will be 90-94% and 54-71% respectively. Wind
	direction is mainly W & SW with average wind speed range of 5.7-6.4
	kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal
	Pradesh

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

	lrainage to all cro		ne during clear/dry days	
Check of vaccination schedule in poultry/livestock PETANG OF A DAY GODING FOR THE PERSON				
~	a. I		ADVISORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS		T		
Jhum field			❖ Avoid sowing in case of heavy rain.	
			Proper arrangement to avoid run-off	
Maize	Sowing/	Leaf feeding	Provide proper drainage facility in the crop field	
	Vegetative	caterpillars	Light interculture operations in case of no rain	
			Sowing of treated seeds may be done,	
			Monitor against leaf feeding caterpillars. These are the arm	
			worm which feeds in groups	
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,	
VEGETABLES	<u> </u>		instantation of Stem borer specific pheromone traps,	
French Bean,	Sowing	Cut worm	❖ In view of clear weather ahead sowing of treated seeds @ 2	
black gram,	and germination	Cut worm	seeds per hill in traces and in <i>Jhum</i> areas at recommended	
green gram.	and germination		spacing may be done,	
groom gramm			Earthing up of already sown crop,	
			 Protection of seeds from cut worm by application of Carbofurar 	
			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 Carbofurar	
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	, , , , , , , , , , , , , , , , , , , ,			
Orange	Fruiting		Manual removal of lichens, mosses and any epiphytes from tree	
			trunk	
Pineapple	Planting		 Constant monitoring of new buds for probable attack of aphids Planting of new suckers may be done during the week, 	
* *	riaillilig		Planting of new suckers may be done during the week,	
LIVESTOCKS	G,	D:		
Livestock	Stage	Disease	Precautionary Practices to be followed	
Rabit	All stages		Deworming with anti-coccidiosis drugs,	
Cattle/ Mithun	All Growth		Vaccination with foot and mouth disease (FMD),	
			Provide fodder supplement,	
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247	



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Dated: Friday, 10th 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 15 th May 2019
Rainfall: 44.2 mm (Tezu)	Partly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 23.0-25.0°C and 20.0°C respectively. Expected morning and evening
	relative humidity will be 65-82% and 44-57% respectively. Wind direction
	is mainly E & NE average wind speed range of 6.1-7.7 kmph.
Warning	Heavy rainfall is likely to occur at isolated places over Arunachal
	Pradesh

M4	. f	1C:4-/4-			
	for possible attac	-			
			ne during clear/dry days		
Proper drainage to all crop to avoid runoff					
Check of	Check of vaccination schedule in poultry/livestock				
		DETAILS OF A	ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS					
Rice	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. 		
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. Adequate arrangement to avoid runoff. Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week. 		
VEGETABLE	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, 		
French bean/	Sowing/		Sowing of treated seed @ 2 seed per hill in traces and in Jhum		
black gram/	Vegetative		field at recommended spacing advocated		
green gram			Earthing up of already sown or germinated crop recommended.		
HORTICULT	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 a	nd POULTRY				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pig	Pigs/ Piglets		 Deworming of animals under supervision of registered practitioner, Iron supplements to piglets, 		
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247		



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Arunachal Pradesh

(Period: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th 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 15 th May 2019
Rainfall (Roing): 64.5 mm	Partly/mostly cloudy with possibility of moderate to rather heavy rain.
	Daily maximum and minimum temperature for the following period is
	predicted to be 23.0-25.0°C and 20.0°C respectively. Expected morning and
	evening relative humidity will be 83-92% and 52-68% respectively. Wind
	direction is mainly variable with average wind speed range of 6.4-7.6 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal
	Pradesh

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

DETAILS OF ADVISORIES FOR THE PERIOD			
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.
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. Adequate arrangement to avoid runoff. Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/ black gram/ green gram	Sowing/ Vegetative		 Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated Earthing up of already sown or germinated crop recommended.
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
Pig	Pigs/ Piglets		 Deworming of animals under supervision of registered practitioner, Iron supplements to piglets,
Contact Scient	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247







No: AMFU-Basar/2019/37

Dated: Friday, 10th 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 15 th May 2019
Ziro: 17.8 mm	Partly/mostly cloudy with possibility moderate to rather heavy rain.
	Daily maximum and minimum temperature for the following period is
	predicted to be 23.0-24.0°C and 20.0°C respectively. Expected morning and
	evening relative humidity will be 91-97% and 56-82% respectively. Wind
	direction is mainly NW with average wind speed range of 4.3-6.1 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal
	Pradesh

• Monitor	for possible attack	k of insects/pests		
	ion of fertilizers/n			ng clear/dry days
• Proper o	lrainage to all cro	p to avoid runoff		
 Check of 	f vaccination sche			
		DETAILS OF A	ADVISC	ORIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Jhum field			*	Avoid sowing in case of heavy rain.
			*	Proper arrangement to avoid run-off
Maize	Sowing/	Leaf feeding	*	Provide proper drainage facility in the crop field
	Vegetative	caterpillars	*	Light interculture operations in case of no rain
			*	Sowing of treated seeds may be done,
			*	Monitor against leaf feeding caterpillars. These are the army
				worm which feeds in groups
Rice (WRC)	Nursery	Yellow stem	*	Transplanting of seedlings may be done in well puddled WRC
Early sown crop	Preparation and	borer		field,
	transplanting		*	8 - FF - F
				transplanting helps in management of stem borer/
				installation of Stem borer specific pheromone traps,
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,	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,
Orange	Fruiting		*	Manual removal of lichens, mosses and any epiphytes from tree
				trunk
			*	
Pineapple	Planting		*	Planting of new suckers may be done during the week,
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
Rabit	All stages		*	Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		*	Vaccination with foot and mouth disease (FMD),
			*	Provide fodder supplement,
Contact Scientist	s (ICAR) or State A	gril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247



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

ADVISORY FOR DISTRICT: PAPUM PARE

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall: 84.2 mm; T. Max: 25.0°C; T. Min: 20.0°C; RH: 84-94%	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 85-95% and 59-72% respectively. Wind direction is mainly SSE & SSW with average wind speed range of 5.0-5.8 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

GENERAL RECOMMENDATIONS

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

• Proper d	lrainage to all cro	p to avoid runoff	
Check of	f vaccination sche	dule in poultry/liv	vestock ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	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
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. Adequate arrangement to avoid runoff. Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
VEGETABLE	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,
French bean/ black gram/ green gram	Sowing/ Vegetative		 Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated Earthing up of already sown or germinated crop recommended.
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			
Livestock Pig	Stage Pigs/ Piglets	Disease	Precautionary Practices to be followed ❖ Deworming of animals under supervision of registered practitioner, ❖ Iron supplements to piglets,





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th 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 15 th May 2019
Rainfall: 19.0 mm	Partly cloudy with possibility of 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
	68-92% and 34-47% respectively. Wind direction is mainly S & SSW with
	average wind speed range of 7.8-10.4 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal
	Pradesh

GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests Application of fertilizers/manure can be done during clear/dry days Proper drainage to all crop to avoid runoff Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD FIELD CROPS Jhum field **Avoid sowing in case of heavy rain.** Proper arrangement to avoid run-off Leaf feeding Provide proper drainage facility in the crop field Maize Sowing/ Vegetative caterpillars Light interculture operations in case of no rain Sowing of treated seeds may be done, Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups Rice (WRC) Yellow stem Transplanting of seedlings may be done in well puddled WRC Nursery Early sown crop Preparation and 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, **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, Germination/ ash, ridge gourd, 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, Manual removal of lichens, mosses and any epiphytes from tree Orange Fruiting Constant monitoring of new buds for probable attack of aphids Pineapple Planting Planting of new suckers may be done during the week, **LIVESTOCKS** Livestock Stage **Disease Precautionary Practices to be followed** Rabit All stages Deworming with anti-coccidiosis drugs, Cattle/ Mithun All Growth Vaccination with foot and mouth disease (FMD),

Provide fodder supplement,