

District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 19th to 23rd September, 2018)

No: AMFU-Basar/2018/75



Dated: Tue, 18th September, 2018



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 23 rd September 2018
	Mostly/partly cloudy with possibility of moderate rainfall. Daily
22.0°C ; RH: 67-98%	maximum and minimum temperature for the following period is predicted to
	be 34-35°C and 24-25°C respectively. Expected morning and evening
	relative humidity will be 83-92% and 41-50% respectively. Wind direction
	is mainly variable with average wind speed range of 3-7 kmph.
Warning:	•

GENER	AL RECOMMEN	DATIONS	
	cipation of heavy r		
-	l all spray operatio 30 for fertilizer/ma		
	drainage to all crop		
		DETAILS OF A	ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	T ·	T T	
Jhum field	Harvesting		Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level)
			Those crop where due to rain sprouting of grains occurred,
			they should be separated from the non-sprouted one and dried properly,
			 To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed
Groundnut	Pegging	Leaf Spot/tikka	 On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water
		disease	 Do not disturb the soil structure by spading/hoeing in the field. Used wooding with some is recommended.
VECET			 Hand weeding with care is recommended.
VEGETA			• Demoving eideshoots is an important ish which prevents the
Tomato	Fruiting		Removing sideshoots is an important job which prevents the fruits being shaded by leaves.
			 Provide shed to protect from excessive rainfall
HORTICULT	URAL CROPS	I	
Citrus	Fruit	Citrus Canker	 Undertake necessary tillage operation if there is no rain.
	development stage		 Remove weeds from the tree basin and prepare ring around the
	stage		 tree. Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray compare ovuchlogide 180 gmg with appendentiating 6 gmg in 60
			copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker
			Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.
✤ LIVEST	OCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		 Deworming for gastrointestinal parasite
Fishery			✤ Application of quick lime is highly recommended in order to
			rectify water pH.
			Application of fish feed (mustard oil cake) is essential for
<u> </u>	A 11		achieving higher yield
Pigs	All stages	FMD (high fever and appearance	 Keep the houses dry and clean. 1st injection at 6 months of age and 2nd injection at 12 months of
		of mucous	• 1 st injection at 6 months of age and 2 nd injection at 12 months of age followed by annual vaccination under vet supervision
		membrane of the	against FMD
		mouth and foot.)	Reduce concentrate diet up to 5%
Contact Sc	ientists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 19th to 23rd September, 2018)

No: AMFU-Basar/2018/75





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 23 rd September 2018
Rainfall (Koloriang): 7.0 mm	Mostly/partly cloudy with possibility moderate to rather heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 26-28°C and 16-17°C respectively. Expected morning and
	evening relative humidity will be 95-99% and 45-63% respectively. Wind
	direction is mainly variable with average wind speed range of 2-5 kmph.
Warning:	•

On anticipation of heavy rainfall:

• Suspend all spray operations

• Do not go for fertilizer/manure applications

• Proper drainage to all crop to avoid runoff

	DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Pı	recautionary Practices to be followed
FIELD CROPS				
Rice	Dough Grain filling stage	Gundhi bug	 Weeding i Install loc bug in rice Need bas 	rop against attack of gundhi bug, is advised to ward off the alternate host of gundhi bug al trap of dead frog/fermented fish etc against gundhi e or spray triazophos/chloripyriphos@1-2ml/lit. ed spray of Flubendiamide 3.5% + Hexaconazole nl/lit against rice skipper & leaf folder using sticker
Jhum field	Harvesting		 week. The dried to th Those cro they show dried pro To avoid 	g of early <i>Jhum</i> rice may be done in the following e harvested crop should be threshed and grains be sun- te proper moisture level (12 % moisture level) op where due to rain sprouting of grains occurred, ald be separated from the non-sprouted one and perly, sprouting due to rains, stage wise harvesting of anicles should be followed
VEGETABLE	S			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	 3ml/litre of On clear/or water is ac 	/dry weather, Spraying of Dimethoate 30 EC @ of water is advised against aphids, dry weather, Spraying of Deltamethrin 4ml/10 litre of dvised for management of Red pumpkin beetle grass, e base with chlorpyrifos 20EC @ 2ml/litre; 11itre per
HORTICULTUR	AL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	straw recoRemove d	with locally available materials like dry grass/paddy ommended liseased part & keep inflorescence clean. burn virus infected plants
Ginger/Turmeric	Seedling		•	with locally available materials like dry grass/paddy ommended
LIVESTOCKS				
Livestock	Stage	Disease	Precauti	onary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	 1st injection age follor against FN Reduce control 	oncentrate diet up to 5%
Contact Scie	<mark>entists (ICAR) o</mark> r Sta	te Agril Staff or KVK	<mark>ff for measures</mark> aga	ainst 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: LOHIT

Weather summery of the previous week	Weather forecast valid up to 23 rd September 2018
Rainfall: 2.6 mm (Tezu)	Mostly/partly cloudy with possibility of light/moderate rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 33-35°C and 23-24°C respectively. Expected morning and evening
	relative humidity will be 77-89% and 43-50% respectively. Wind direction
	is mainly NE & ENE average wind speed range of 5-8 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum field	Harvesting		 Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed
Groundnut	Pegging	Leaf Spot/tikka disease	 On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water Do not disturb the soil structure by spading/hoeing in the field. Hand weeding with care is recommended.
VEGETA			
Tomato	Fruiting		 Removing sideshoots is an important job which prevents the fruits being shaded by leaves. Provide shed to protect from excessive rainfall
HORTICULT	URAL CROPS		
Citrus	Fruit development stage	Citrus Canker	 Undertake necessary tillage operation if there is no rain. Remove weeds from the tree basin and prepare ring around the tree. Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.
✤ LIVEST	OCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield
Pigs Contact Sci	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	 Keep the houses dry and clean. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5% staff for measures against adverse conditions or call at 03795-226237/226247
Contact Sci	Chusis (ICAR) of Sta	W Agril Stall OF K V K	stan for incastines against auverse continuolis of can at 05795-2202577220247



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No: AMFU-Basar/2018/75





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 23 rd September 2018
Rainfall (Roing): 190.9 mm	Mostly/partly cloudy with possibility of moderate rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 33-34°C and 23-24°C respectively. Expected morning and evening
	relative humidity will be 84-93% and 46-57% respectively. Wind direction
	is mainly variable with average wind speed range of 3-8 kmph.
Warning:	•

GENERAL	RECOMMENDATIONS
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- 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	Check of vaccination schedule in poultry/livestock				
		DETAILS OF A	ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROP	S				
Jhum field	Harvesting		 Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed 		
Groundnut	Pegging	Leaf Spot/tikka disease	 On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water Do not disturb the soil structure by spading/hoeing in the field. Hand weeding with care is recommended. 		
VEGET	ABLES				
Tomato HORTICUL ^T Citrus	Fruiting FURAL CROPS Fruit development stage	Citrus Canker	 Removing sideshoots is an important job which prevents the fruits being shaded by leaves. Provide shed to protect from excessive rainfall Undertake necessary tillage operation if there is no rain. Remove weeds from the tree basin and prepare ring around the tree. Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 		
			liters of water to control canker		
			Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.		
✤ LIVEST	ГОСКЅ	· · · · · · · · · · · · · · · · · · ·			
Livestock	Stage	Disease	Precautionary Practices to be followed		
Goat	All stages		 Deworming for gastrointestinal parasite 		
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield 		
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the	 Keep the houses dry and clean. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD 		

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Reduce concentrate diet up to 5%

mouth and foot.)



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ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 23 rd September 2018
NA	Partly/mostly cloudy with possibility of moderate to rather heavy
	rainfall. Daily maximum and minimum temperature for the following
	period is predicted to be 33-35°C and 23-24°C respectively. Expected
	morning and evening relative humidity will be 89-95% and 47-59%
	respectively. Wind direction is mainly NW & WNW with average wind
	speed range of 3-7 kmph.
Warning:	•

GENERA	AL RECOMMEN	NDATIONS		
On antic	ipation of heavy	rainfall:		
 Suspend 	all spray operati	ons		
 Do not get 	o for fertilizer/ma	anure applications	5	
Proper d	rainage to all cro	p to avoid runoff		
		DETAILS OF A	DVISC	ORIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Rice	Dough Grain filling stage	Gundhi bug	• • •	Monitor crop against attack of gundhi bug, Weeding is advised to ward off the alternate host of gundhi bug Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
Jhum field	Harvesting		•	Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun- dried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed
VEGETABLES	S	-		
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	•	On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids, On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass, Drench the base with chlorpyrifos 20EC @ 2ml/litre; 11itre per plant.
HORTICULTUR	AL CROPS			
Large Cardamom		Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	•	Mulching with locally available materials like dry grass/paddy straw recommended Remove diseased part & keep inflorescence clean. Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		•	Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS				
Livestock	Stage	Disease	*	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	•	Keep the houses dry and clean. 1 st injection at 6 months of age and 2 nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5%
Contact Scientists	s (ICAR) or State A	Agril Staff or KVK s	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 forecast valid up to 23 rd September 2018
Partly/Mostly cloudy with possibility of moderate to heavy rainfall.
Daily maximum and minimum temperature for the following period is
predicted to be 34-35°C and 24-25°C respectively. Expected morning and
evening relative humidity will be 86-94% and 54-64% respectively. Wind
direction is mainly SE & SSE with average wind speed range of 3-7 kmph.
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CENER	RAL RECOMMEN	NDATIONS	
	cipation of heavy		
	d all spray operati		
-	go for fertilizer/ma		s
	drainage to all cro		
110p01	urumuge to un era		ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum field	Harvesting		 Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-
			dried to the proper moisture level (12 % moisture level)
			✤ Those crop where due to rain sprouting of grains occurred,
			they should be separated from the non-sprouted one and
			dried properly,
			To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed
Groundnut	Pegging	Leaf	 ♦ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of
	888	Spot/tikka	water
		disease	 Do not disturb the soil structure by spading/hoeing in the field.
			 Hand weeding with care is recommended.
VEGET	ABLES		
Tomato	Fruiting		✤ Removing sideshoots is an important job which prevents the
1 0111400	1 mining		fruits being shaded by leaves.
			 Provide shed to protect from excessive rainfall
HORTICILLT	URAL CROPS		
Citrus	Fruit	Citrus Canker	Undertake necessary tillage operation if there is no rain.
	development		✤ Remove weeds from the tree basin and prepare ring around the
	stage		tree.
			\clubsuit Due to high humidity the problem of citrus canker get
			aggravated in acid lime leading to excessive fruit drop. Spray
			copper oxychloride 180 gms with spreptocycline 6 gms in 60
			liters of water to control canker
			Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.
LIVEST	OCKS		deep pit frequently.
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		Deworming for gastrointestinal parasite
Fishery			 Application of quick lime is highly recommended in order to
i isiter y			rectify water pH.
			Application of fish feed (mustard oil cake) is essential for
			achieving higher yield
Pigs	All stages	FMD (high fever	
1 150	in suges	and appearance	 1st injection at 6 months of age and 2nd injection at 12 months of
		of mucous	age followed by annual vaccination under vet supervision
		membrane of the	against FMD
		mouth and foot.)	• Reduce concentrate diet up to 5%
Contact Sc	<mark>eientists (ICAR) or Sta</mark>	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



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

ADVISORY FOR DISTRICT: TAWANG

Weather summery of the previous week	Weather forecast valid up to 23 rd September 2018
Rainfall: 27.0 mm	Partly/Mostly cloudy with possibility of light/moderate rainfall on 22-23
	Sept 18. Daily maximum and minimum temperature for the following
	period is predicted to be 19-21°C and 09-10°C respectively. Expected
	morning and evening relative humidity will be 90-99% and 32-70%
	respectively. Wind direction is mainly NE & ENE with average wind speed
	range of 3-6 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD Pest/Disease **Precautionary Practices to be followed** Crop Stage **FIELD CROPS** Rice Dough Gundhi bug Monitor crop against attack of gundhi bug, Grain filling Weeding is advised to ward off the alternate host of gundhi bug stage Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker Jhum field Harvesting of early Jhum rice may be done in the following Harvesting week. The harvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed VEGETABLES Cucurbits Harvesting Aphid/ On clear/dry weather, Spraying of Dimethoate 30 EC @ Red pumpkin 3ml/litre of water is advised against aphids, beetle/ On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of Cutworm water is advised for management of Red pumpkin beetle grass, Drench the base with chlorpyrifos 20EC @ 2ml/litre; 1litre per plant. **HORTICULTURAL CROPS** Large Cardamom Flowering stage Chirkey Disease Mulching with locally available materials like dry grass/paddy (fungal inection) straw recommended & Remove diseased part & keep inflorescence clean. Chirke and Uproot & burn virus infected plants Foorkey (virus infection) Ginger/Turmeric Seedling Mulching with locally available materials like dry grass/paddy • straw recommended LIVESTOCKS Livestock Stage Disease **Precautionary Practices to be followed** ** FMD (high fever Pigs All stages Keep the houses dry and clean. 1^{st} injection at 6 months of age and 2^{nd} injection at 12 months of and appearance of mucous age followed by annual vaccination under vet supervision membrane of the against FMD mouth and foot.) Reduce concentrate diet up to 5% Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247





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Dated: Tue, 18th September, 2018



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

ADVISORY FOR DISTRICT: TIRAP

Weather forecast valid up to 23 rd September 2018
Mostly/partly cloudy with possibility light to rather heavy rainfall. Daily
maximum and minimum temperature for the following period is predicted to
be 34-35°C and 24-25°C respectively. Expected morning and evening
relative humidity will be 84-92% and 51-57% respectively. Wind direction
is mainly ESE with average wind speed range of 3-6 kmph.
•

GENER	AL RECOMME	NDATIONS	
On anti	cipation of heavy	rainfall:	
	l all spray operati		
-		anure applications	
-		p to avoid runoff	
			DVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum field	Harvesting		 Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,
			 To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed
Groundnut	Pegging	Leaf Spot/tikka disease	 On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water Do not disturb the soil structure by spading/hoeing in the field. Hand weeding with care is recommended.
VEGETA	ARIFS		• Thank weeding white care is recommended.
Tomato	Fruiting		Removing sideshoots is an important job which prevents the
Tomato	Tutting		fruits being shaded by leaves.
			 Provide shed to protect from excessive rainfall
HODTICIII T	URAL CROPS		Trovide siled to protect from excessive failing
Citrus	Fruit	Citrus Canker	 Undertake necessary tillage operation if there is no rain.
	development stage		 Condertake necessary thage operation if there is no fam. Remove weeds from the tree basin and prepare ring around the tree. Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.
✤ LIVEST		D:	
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		 Deworming for gastrointestinal parasite
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield
Pigs Contact Sci	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) te Agril Staff or KVK	 Keep the houses dry and clean. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5% staff for measures against adverse conditions or call at 03795-226237/226247

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Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: UPPER SIANG

Weather summery of the previous week	Weather forecast valid up to 23 rd September 2018
Rainfall: 29.2 mm	Mostly/partly cloudy with possibility of moderate to rather heavy
	rainfall. Daily maximum and minimum temperature for the following
	period is predicted to be 26-28°C and 16-17°C respectively. Expected
	morning and evening relative humidity will be 89-98% and 44-61%
	respectively. Wind direction is mainly S & SW with average wind speed
	range of 2-6 kmph.
Warning:	

GENERAL RECOMMENDATIONS

- On anticipation of heavy rainfall:
- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

Proper drainage to all crop to avoid runoff DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	~		
Rice	Dough Grain filling stage	Gundhi bug	 Monitor crop against attack of gundhi bug, Weeding is advised to ward off the alternate host of gundhi bug Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
Jhum field	Harvesting		 Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed
VEGETABLES	5		
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	 On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids, On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass, Drench the base with chlorpyrifos 20EC @ 2ml/litre; 11itre per plant.
HORTICULTUR	AL CROPS		
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	 Mulching with locally available materials like dry grass/paddy straw recommended Remove diseased part & keep inflorescence clean. Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		• Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	 Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	 Keep the houses dry and clean. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5%
Contact Scie	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247





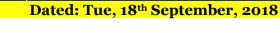
जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका District Level Agro-met Advisory Bulletin

Amunachal Dradach

Arunachal Pradesh (Period: 19th to 23rd September, 2018) etin

(Period: 1

No: AMFU-Basar/2018/75





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 23 rd September 2018
Daporijo: 7.8 mm	Partly/Mostly cloudy with possibility of moderate to rather heavy
	rainfall. Daily maximum and minimum temperature for the following
	period is predicted to be 33-35°C and 23-24°C respectively. Expected
	morning and evening relative humidity will be 95-99% and 46-60%
	respectively. Wind direction is mainly WSW & W with average wind speed
	range of 2-5 kmph.
Warning:	•

		FIONG	
	RAL RECOMMENDAT		
	icipation of heavy rainfa	all:	
-	d all spray operations		
	go for fertilizer/manure		
• Proper	r drainage to all crop to a		SORIES FOR THE PERIOD
Сгор		st/Disease	Precautionary Practices to be followed
FIELD CROP	8	st/Disease	riccautionary riactices to be followed
Jhum field	Harvesting	•	• Harvesting of early <i>Jhum</i> rice may be done in the following
onum nona	That vesting		week. The harvested crop should be threshed and grains be sun-
			dried to the proper moisture level (12 % moisture level)
		•	
		•	they should be separated from the non-sprouted one and
			dried properly,
			To avoid sprouting due to rains, stage wise harvesting of
			mature panicles should be followed
Groundnut	Pegging	Leaf 🛠	• On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of
		pot/tikka	water
		disease 🔹	
			 Hand weeding with care is recommended.
VEGET	ABLES		
Tomato	Fruiting	•	• Removing sideshoots is an important job which prevents the
1 011100	1 mining		fruits being shaded by leaves.
			Provide shed to protect from excessive rainfall
HORTICUL	FURAL CROPS		
Citrus		us Canker 🔹	• Undertake necessary tillage operation if there is no rain.
	development		• Remove weeds from the tree basin and prepare ring around the
	stage		tree.
		•	• Due to high humidity the problem of citrus canker get
			aggravated in acid lime leading to excessive fruit drop. Spray
			copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker
		*	Follow clean cultivation in orchard and bury fallen fruits in a
			deep pit frequently.
LIVES	ГОСКЅ		
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages	*	Deworming for gastrointestinal parasite
Fishery		*	Application of quick lime is highly recommended in order to
			rectify water pH.
		*	Application of fish feed (mustard oil cake) is essential for
			achieving higher yield
Pigs	All stages FMI	D (high fever •	Keep the houses dry and clean.
		l appearance •	1 st injection at 6 months of age and 2 nd injection at 12 months of
		of mucous	age followed by annual vaccination under vet supervision
	men	nbrane of the	against FMD

mouth and foot.) • Reduce concentrate diet up to 5%

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



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 19th to 23rd September, 2018)

No: AMFU-Basar/2018/75

Dated: Tue, 18th September, 2018



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 23 rd September 2018
Rainfall = Bomdila: NA ; Bhalukpong: 33.2	Mostly cloudy with possibility moderate to rather heavy rain. Daily
mm; Kalaktang: 4.4 mm	maximum and minimum temperature for the following period is predicted to
	be 26-28°C and 16-17°C respectively. Expected morning and evening
	relative humidity will be 86-96% and 44-63% respectively. Wind direction
	is mainly WSW & W with average wind speed range of 3-6 kmph.
Warning:	•

On antici • Suspend	AL RECOMMEN ipation of heavy ra all spray operatio o for fertilizer/mai	ninfall: ns		
U	rainage to all crop	**		
• • •	_		DVISC	DRIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Rice	Dough Grain filling stage	Gundhi bug	• •	Monitor crop against attack of gundhi bug, Weeding is advised to ward off the alternate host of gundhi bug Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
Jhum field	Harvesting		•	Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun- dried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed
VEGETABLE	S			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	•	On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids, On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass, Drench the base with chlorpyrifos 20EC @ 2ml/litre; 11itre per plant.
HORTICULTUR	AL CROPS			
Large Cardamom Ginger/Turmeric	Flowering stage Seedling	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	•	Mulching with locally available materials like dry grass/paddy straw recommended Remove diseased part & keep inflorescence clean. Uproot & burn virus infected plants Mulching with locally available materials like dry grass/paddy
	_			straw recommended
LIVESTOCKS				
Livestock	Stage	Disease	*	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	•	Keep the houses dry and clean. 1 st injection at 6 months of age and 2 nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5%
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 19th to 23rd September, 2018)

No: AMFU-Basar/2018/75





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 23 rd September 2018
Rainfall: 105.0 mm, Max. T: 30.0°C, Min. T: 21.0°C, Wind Speed: 4-6 km/h, RH: 59-93%, Wind Direction: NE & ENE	Mostly/partly cloudy with possibility moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 34-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 91-97% and 45-59% respectively. Wind direction is mainly WNW & NW with average wind speed range of 3-5 kmph.
Warning:	

GENEI	RAL RECOMMEN	NDATIONS		
On anti	icipation of heavy i	rainfall:		
Suspend all spray operations				
	go for fertilizer/ma		1	
Proper	drainage to all cro			
			DVISC	DRIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				Hence the effective Hencie he down in the full mine
Jhum field	Harvesting			Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun- dried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,
			*	To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed
Groundnut	Pegging	Leaf Spot/tikka disease		On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water Do not disturb the soil structure by spading/hoeing in the field. Hand weeding with care is recommended.
VEGET	ABLES			5
Tomato	Fruiting		*	Removing sideshoots is an important job which prevents the fruits being shaded by leaves.
			*	Provide shed to protect from excessive rainfall
HORTICULI	TURAL CROPS			
Citrus	Fruit development stage	Citrus Canker	*	Undertake necessary tillage operation if there is no rain. Remove weeds from the tree basin and prepare ring around the tree. Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.
LIVEST	OCKS			
Livestock	Stage	Disease		Precautionary Practices to be followed
Goat	All stages		*	Deworming for gastrointestinal parasite
Fishery			* *	Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield
Pigs Contact Sc	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	• • •	Keep the houses dry and clean. 1 st injection at 6 months of age and 2 nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5% measures against adverse conditions or call at 03795-226237/226247
Contact Sc	cientists (ICAK) or Sta	w Agrii Stall or KVK	stall Ior	measures against adverse conditions of can at 03/95-22023//22024/



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 19th to 23rd September, 2018)

No: AMFU-Basar/2018/75

Dated: Tue, 18th September, 2018



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 23 rd September 2018
No weather summary available	Mostly/partly cloudy with possibility of moderate to very heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 26-28°C and 16-17°C respectively. Expected morning and
	evening relative humidity will be 93-96% and 52-58% respectively. Wind
	direction is mainly variable with average wind speed range of 5-6 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

Proper drainage to all crop to avoid runoii DETAILS OF ADVISORIES FOR THE PERIOD				
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	0		<u>.</u>	·
Rice	Dough Grain filling stage	Gundhi bug	• • •	Monitor crop against attack of gundhi bug, Weeding is advised to ward off the alternate host of gundhi bug Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
Jhum field	Harvesting		•	Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun- dried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed
VEGETABLE	S			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	•	On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids, On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass, Drench the base with chlorpyrifos 20EC @ 2ml/litre; 11itre per plant.
HORTICULTUR	AL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	•	Mulching with locally available materials like dry grass/paddy straw recommended Remove diseased part & keep inflorescence clean. Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		•	Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS				
Livestock	Stage	Disease	*	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	•	Keep the houses dry and clean. 1 st injection at 6 months of age and 2 nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5%
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 19th to 23rd September, 2018)

No: AMFU-Basar/2018/75



Dated: Tue, 18th September, 2018



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 23 rd September 2018
Rainfall = Changlang: NA Miao: 4.8 mm	Mostly/partly cloudy with possibility of moderate to rather heavy
	rainfall. Daily maximum and minimum temperature for the following
	period is predicted to be 34-35°C and 24-25°C respectively. Expected
	morning and evening relative humidity will be 89-96% and 52-62%
	respectively. Wind direction is mainly ESE & SE with average wind speed
	range of 2-6 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

Week. The harvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level) The arvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level) The arvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level) To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed Groundnut Pegging Leaf On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water Do not disturb the soil structure by spading/hoeing in the field. Hand weeding with care is recommended. VEGETABLES Tomato Fruit Bruit Citrus Canker Citrus Fruit development Stage stage Citrus Canker * Due to high humidity the problem of citrus canker ge aggravated in acid line leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 6 bitres of water to control canker * LIVESTOCKS Elivestock Stage Precautionary Practices to be followed Goat All stages Fishery All stages Pigs All stages FMD (high fever and appearance of mucous membrane of the corting at Controf quick lime is highly recommend	Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD				
FIELD CROPS Jhum field Harvesting Pegging Leaf Spot/tikka disease On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit o water Do not disturb the soil structure by spading/hoeing in the field. Hard weeding with care is recommended. Heideld property, VEGETABLES Removing sideshoots is an important job which prevents the fruits being shaded by leaves. Tomato Fruiting Citrus Canker Veget Fruit Veget	Crop	Stage			
Jhum field Harvesting Harvesting of early Jhum rice may be done in the following week. The harvested crop should be threshed and grains be sun dried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting o mature panicles should be followed					
Groundnut Pegging Leaf Spot/tikka Spot/tikka disease On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit o VEGETABLES Do not disturb the soil structure by spading/hoeing in the field. Tomato Fruiting Removing sideshoots is an important job which prevents the fruits being shaded by leaves. HORTICULTURAL CROPS Provide shed to protect from excessive rainfall Citrus Fruit development stage Citrus Canker Stage Undertake necessary tillage operation if there is no rain. & Remove weeds from the tree basin and prepare ring around the tree. Due to high humidity the problem of citrus canker ge aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker * LIVESTOCKS Elvestock Stage Disease Precautionary Practices to be followed Goat All stages All stages Fishery Application of fish feed (mustard oil cake) is essential fo achieving higher yield Pigs All stages FMD (high fever and appearance of mucous membrane of the grain feb followed by annual vaccination under vet supervision against FMD				 Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting of 	
VEGETABLES water Tomato Fruiting Tomato Fruiting WEGETABLES * Removing sideshoots is an important job which prevents the fruits being shaded by leaves. Otrus Fruiting HORTICULTURAL CROPS * Undertake necessary tillage operation if there is no rain. Citrus Fruit development stage VEGETABLES * Undertake necessary tillage operation if there is no rain. * Remove weeds from the tree basin and prepare ring around the tree. * Due to high humidity the problem of citrus canker ge aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker * LIVESTOCKS Elivestock Stage Disease Precautionary Practices to be followed Goat All stages * Deworming for gastrointestinal parasite Fishery All stages * Application of fush feed (mustard oil cake) is essential fo achieving higher yield Pigs All stages FMD (high fever and appearance of mucous membrane of the membr	Groundnut	Degging	Loof	—	
Tomato Fruiting Removing sideshoots is an important job which prevents the fruits being shaded by leaves. Provide shed to protect from excessive rainfall HORTICULTURAL CROPS Citrus Fruit development stage Citrus Canker Undertake necessary tillage operation if there is no rain. Remove weeds from the tree basin and prepare ring around the tree. Due to high humidity the problem of citrus canker ge aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently. Livestock Stage Disease Precautionary Practices to be followed Goat All stages Deworming for gastrointestinal parasite Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential fo achieving higher yield Pigs All stages Keep the houses dry and clean. It injection at 6 months of age and 2nd injection at 12 months o age followed by annual vaccination under vet supervision against FMD 	Groundnut	Pegging	Spot/tikka	waterDo not disturb the soil structure by spading/hoeing in the field.	
HORTICULTURAL CROPS Fruit Citrus Fruit development Citrus Canker stage Citrus Canker & Undertake necessary tillage operation if there is no rain. & Remove weeds from the tree basin and prepare ring around the tree. > Due to high humidity the problem of citrus canker ge aggravated in acid lime leading to excessive fruit drop. Spratcopper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker * Elivestock Stage Disease Precautionary Practices to be followed Goat All stages Fishery All stages Pigs All stages FMD (high fever and appearance of mucous membrane of the and appearance of mucous membrane of the against FMD	VEGETA	ABLES			
Citrus Fruit development stage Citrus Canker Image: Citrus Can	Tomato	Fruiting		C .	
development stage Remove weeds from the tree basin and prepare ring around the tree. Due to high humidity the problem of citrus canker ge aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently. Livestock Stage Disease Precautionary Practices to be followed Goat All stages Deworming for gastrointestinal parasite Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield Keep the houses dry and clean. Ist injection at 6 months of age and 2nd injection at 12 months or age followed by annual vaccination under vet supervision against FMD 	HORTICULT	URAL CROPS	<u> </u>		
LivestockStageDiseasePrecautionary Practices to be followedGoatAll stagesDeworming for gastrointestinal parasiteFisheryApplication of quick lime is highly recommended in order to rectify water pH.PigsAll stagesFMD (high fever and appearance of mucous membrane of the membrane of the stages followed by annual vaccination under vet supervision against FMD	Citrus	development	Citrus Canker	 Remove weeds from the tree basin and prepare ring around the tree. Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker Follow clean cultivation in orchard and bury fallen fruits in a 	
Goat All stages Deworming for gastrointestinal parasite Fishery Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential fo achieving higher yield Pigs All stages FMD (high fever and appearance of mucous membrane of the • Keep the houses dry and clean. • 1 st injection at 6 months of age and 2 nd injection at 12 months or age followed by annual vaccination under vet supervision against FMD	✤ LIVEST	OCKS			
Fishery Fishery Pigs All stages FMD (high fever and appearance of mucous membrane of the Ist ages FMD (high fever and appearance of mucous membrane of the Ist ages to mucous membrane of the Ist ages	Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs All stages FMD (high fever and appearance of mucous membrane of the • Keep the houses dry and clean. • Ist injection at 6 months of age and 2 nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD		All stages		 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for 	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			and appearance of mucous membrane of the mouth and foot.)	 Keep the houses dry and clean. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5% 	



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 19th to 23rd September, 2018)

No: AMFU-Basar/2018/75



Dated: Tue, 18th September, 2018



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 23 rd September 2018
Rainfall = 0.0 mm	Mostly/partly cloudy with possibility of moderate to rather heavy
	rainfall. Daily maximum and minimum temperature for the following
	period is predicted to be 26-28°C and 16-17°C respectively. Expected
	morning and evening relative humidity will be 96-98% and 45-71%
	respectively. Wind direction is mainly ESE & E with average wind speed
	range of 3-7 kmph.
Warning:	•

GENERAL RECOMMENDATIONS On anticipation of heavy rainfall:

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

DETAILS OF ADVISORIES FOR THE PERIOD Precautionary Practices to be followed Pest/Disease Crop Stage **FIELD CROPS** Rice Dough Gundhi bug Monitor crop against attack of gundhi bug, Grain filling Weeding is advised to ward off the alternate host of gundhi bug stage Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker Jhum field Harvesting Harvesting of early Jhum rice may be done in the following week. The harvested crop should be threshed and grains be sundried to the proper moisture level (12 % moisture level) Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly, To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed **VEGETABLES** Cucurbits Harvesting Aphid/ On clear/dry weather, Spraying of Dimethoate 30 EC @ Red pumpkin 3ml/litre of water is advised against aphids, beetle/ On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of Cutworm water is advised for management of Red pumpkin beetle grass, Drench the base with chlorpyrifos 20EC @ 2ml/litre; 1litre per plant. **HORTICULTURAL CROPS** Chirkey Disease Large Cardamom Flowering stage Mulching with locally available materials like dry grass/paddy (fungal inection) straw recommended & Remove diseased part & keep inflorescence clean. Chirke and Uproot & burn virus infected plants Foorkey (virus infection) Ginger/Turmeric Seedling Mulching with locally available materials like dry grass/paddy • straw recommended LIVESTOCKS Livestock **Precautionary Practices to be followed** Stage Disease ** Pigs All stages FMD (high fever Keep the houses dry and clean. 1st injection at 6 months of age and 2nd injection at 12 months of and appearance of mucous age followed by annual vaccination under vet supervision membrane of the against FMD mouth and foot.) Reduce concentrate diet up to 5% Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 19th to 23rd September, 2018)

No: AMFU-Basar/2018/75



Dated: Tue, 18th September, 2018



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 23 rd September 2018
Rainfall = 4.6 mm	Partly/Mostly cloudy with possibility of moderate to heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 33-35°C and 23-24°C respectively. Expected morning and
	evening relative humidity will be 84-93% and 42-57% respectively. Wind
	direction is mainly variable with average wind speed range of 3-6 kmph.
Warning:	•

CENED	AL RECOMMEN	IDATIONS			
	 On anticipation of heavy rainfall: Suspend all spray operations 				
-		anure applications			
-	drainage to all cro				
	an amage to an cro		DVISC	DRIES FOR THE PERIOD	
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS					
Jhum field	Harvesting		*	Harvesting of early Jhum rice may be done in the following	
				week. The harvested crop should be threshed and grains be sun-	
				dried to the proper moisture level (12 % moisture level)	
			*	Those crop where due to rain sprouting of grains occurred,	
				they should be separated from the non-sprouted one and	
				dried properly,	
			*	To avoid sprouting due to rains, stage wise harvesting of	
				mature panicles should be followed	
Groundnut	Pegging	Leaf	*	On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of	
	10888	Spot/tikka		water	
		disease	*	Do not disturb the soil structure by spading/hoeing in the field.	
				Hand weeding with care is recommended.	
VEGETA	RIFS		•	Think weeking with care is recommended.	
Tomato	Fruiting		**	Removing sideshoots is an important job which prevents the	
Tomato	Tutting		•	fruits being shaded by leaves.	
			•••	Provide shed to protect from excessive rainfall	
HORTICIII T	URAL CROPS		•	The shed to protect from excessive fundam	
Citrus	Fruit	Citrus Canker	*	Undertake necessary tillage operation if there is no rain.	
	development			Remove weeds from the tree basin and prepare ring around the	
	stage			tree.	
			*	Due to high humidity the problem of citrus canker get	
				aggravated in acid lime leading to excessive fruit drop. Spray	
				copper oxychloride 180 gms with spreptocycline 6 gms in 60	
			. •.	liters of water to control canker	
			***	Follow clean cultivation in orchard and bury fallen fruits in a deep nit frequently.	
✤ LIVEST	OCKS			deep pit frequently.	
Livestock	Stage	Disease		Precautionary Practices to be followed	
Goat	All stages	Librady	*	Deworming for gastrointestinal parasite	
	All stages			Application of quick lime is highly recommended in order to	
Fishery			***		
				rectify water pH.	
			•••	Application of fish feed (mustard oil cake) is essential for	
D.	A 11			achieving higher yield	
Pigs	All stages	FMD (high fever	٠	Keep the houses dry and clean.	
		and appearance of mucous	•	1^{st} injection at 6 months of age and 2^{nd} injection at 12 months of	
		membrane of the		age followed by annual vaccination under vet supervision against FMD	
		mouth and foot.)	•	Reduce concentrate diet up to 5%	
Contact Sci	ientists (ICAR) or Sta	· · ·	- staff for	measures against adverse conditions or call at 03795-226237/226247	