Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

No: AMFU-Basar/2018/40

Dated: Fri, 18th May, 2018

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

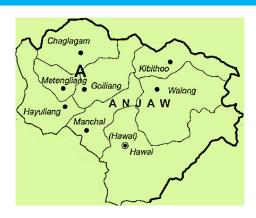






AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

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 May 2018
No weather summary available	Partly/mostly 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 15-16°C
	respectively. Expected morning and evening relative humidity will
	be 97-98% and 55-63% respectively. Wind direction is mainly
	variable with average wind speed range of 2-4 kmph.
Warning:	• Nil

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

DETAILS O	OF ADVISORIES	FOR THE	PERIOD
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Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROP	PS .		
Rice	Transplantation / leaf elongation	Stem borer	 On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. 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 rice	Leaf elongation		On anticipation of rain, provide proper drainage
			• Follow proper runoff management system to avoid

			 loss of top soil due to heavy rainfall. Keep the surrounding clean/ weedfree to avoid disease/pest harboring
Pea	Seed development	Powdery mildew/ leaf eating insects	 Provide adequate drainage and avoid water stagnation near the base of the plants. Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the
Toria/ Mustard	Maturity	Aphids	 infestation is high. Provide adequate drainage If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLE			
Ginger/ Turmeric	Sowing/ germination		Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Summer vegetables	Sowing		 Right time for transplantation of healthy seedlings to main field from nursery Sowing advocated during clear/dry days Provide adequate drainage to already sown crops
HORTICULT	URAL CROPS		
Peach	Fruit maturing	Fruit Fly	 Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin,
Citrus	Flowering	Phytophthora	 During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush. During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Banana	Bunching	Cold	 Cover newly emerged bunches with locally available sack to protect from cold/frost
Large cardamom	Sowing		 Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation. Applications of well decomposed cattle manure/compost @5kg/plant during clear/dry days.
LIVESTOCKS			e ong plant during creat/ary days.
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	 Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. Day old chick-Maintain warmth by lighting,
Fishery			 To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond. Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and

			lukewarm food & water
		*	Provide feed supplements
Mithun	FMD	*	Polyvalent FMD vaccine with serotype O, A and Asia at 6
			months of age and repeat after that 6 months interval by
			sub-cutaneous route. Pregnant animals above 7 months of
			pregnancy should be avoided from vaccination.
Contact Sc	piontista (ICAD) on State Agril Staff	w KWK et	off for measures against adverse conditions or call at 03705

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

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 May 2018
Rainfall = Changlang: 0.0 mm Miao: 19.4 mm (up to 17 th April)	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 30-33°C and 19-21°C respectively. Expected morning and evening relative humidity will be 86-98% and 38-47% respectively. Wind direction is mainly E & ESE with speed range of 2-4 kmph.
Warning	• Nil

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

* * * * * * * * * * * * * * * * * * * *	with the spring of 22 2 and of open to round				
	DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROP	S				
Jhum rice	Rooting/ Leaf		Provide proper drainage and soil conservation measures		
	elongation		like mulching with locally available materials.		
			Keep the periphery clean		
			Avoid application of fertilizer and insecticides/pesticides		
Rice	Leaf	Stem borer	• Rice: Weed free & clean nursery periphery to prevent		
	Elongation/		disassa/nest harboring		

	Tillering		•	Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in
				rice nursery as well as in main field.
Maize	Vegetative	Soybean looper	*	Spraying of Quinalphos 25 EC 2ml/litre of water is advised,
			*	Monitor the crop against attack of insect pests,
			*	Make proper drainage in the crop field,
Pea	Seed	Powdery	*	Harvest mature crops
	development/	mildew/ leaf	*	Need based foliar spray of Dinocap (0.2%) or Carbendazim
	maturity	eating insects		50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLE	C			micstation is high.
Ginger/ Turmeric			*	Mulching ginger beds with locally available
Omger/ Turmerie	germination		•	leaves/materials is advocated to enhance germination,
	8			prevent washing off during heavy rainfall, add organic
				matter to the soil & conserve moisture during dry seasons.
Cucurbits	Vegetative		*	Cover the base of crop with locally available mulches
				to avoid exposure to erosion,.
French Bean	Sowing		*	In present weather conditions, sowing of quality
				seeds may be done,
			*	Treat the seeds with Imidacloprid 17SL @1ml/litre/
				kilogram seed before sowing.
Okra	Sowing		*	Procure quality seed from certified agency.
	238			Avoid sowing during rainy days
Summer	Sowing/	Flea beetles/		During clear/dry days, spray
vegetables	vegetative	fungal diseases	•	azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
		8	*	During clear/dry days, spray
			•	carbandazim/Mancozab@2gm/lit to control fungal
				diseases in summer vegetables.
HORTICULT	URAL CROPS			diseases in summer vegetables.
Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree
Citias	1 ioweiing	1 ny topinnoru		trunk upto the height of 24 inches by brush.
			•	During clear dry days or using stickers during rain,
				spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit
				water on the tree against Phytophthora.
			•	Prepare half moon terraces for fruit crops
				(orange/banana/apple/peach) in steep slopes to prevent
				nutrient loss due to rain.
Guava	Flowering		*	Avoid water logging in the basin,
			*	Basin cleaning in half moon system is advised,
Large cardamom	Sowing		*	Sowing in primary nursery bed at 2cm depth & 10cm apart
				with mulching & regular irrigation.
			*	Applications of well decomposed cattle manure/compost
D	D 1:			@5kg/plant during clear/dry days.
Banana	Bunching		*	Denavelling (removal of male bud) & bagging of
HOMEV DEEC				bunches advocated
HONEY BEES			A	
Honey bees			**	Box must be covered with straw/dry leaves to provide
			•	warmth
I IVEGEO GEO			*	Provide sugar syrup
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
			to be di	General verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly
Fishery			**	To avoid water turbidity, use grass turfing or horticultural
1 1511C1 y			•	crop at embankment/dyke of the earthen fish pond.
			.*.	•
			**	Broadcast mustard Oil Cake (MOC) @5kg/day over the
D '	A 11	EN CD (1:1:2		pond twice daily to feed fish fingerlings.
Pigs	All stages	FMD (high fever	*	Food waste or garbage fed to swine must be cooked and
		and appearance of mucous		sterilized properly. Cooking the different raw materials
	1	OT MILIOUILE		
		membrane of the		together is advocated to improve digestibility and to

		mouth and foot.) Swine Fever		break- down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.	
Poultry Goat	All stages		*	Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. Deworming for gastrointestinal parasite	
Cattle	All stages All stages	FMD	*	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements	
Contact Scien	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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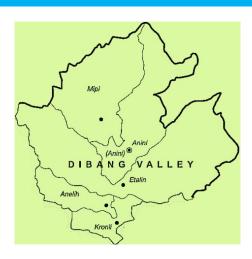






AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

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 May 2018
Rainfall = 1.0 mm (Anini) (up to 17 th April)	Partly/mostly cloudy with possibility of moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 25-26°C and 13-14°C respectively. Expected morning and evening relative humidity will be 98-99% and 58-69% respectively. Wind direction is mainly variable with speed range of 2-4 kmph.
Warning:	• Nil

GENERAL RECOMMENDATIONS

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Transplantation / leaf elongation	Stem borer	 On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. 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 rice	Leaf elongation		•	On anticipation of rain, provide proper drainage
			•	Follow proper runoff management system to avoid
				loss of top soil due to heavy rainfall.
			•	Keep the surrounding clean/ weedfree to avoid disease/pest harboring
Pea	Seed	Powdery	*	Provide adequate drainage and avoid water stagnation
	development	mildew/ leaf eating insects		near the base of the plants.
		cating insects	*	Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Maturity	Aphids	*	Provide adequate drainage
			*	If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLE	S			
Cucurbits	Vegetative		*	Cover the base of crop with locally available mulches
G: /m :	g : /			to avoid exposure to erosion,.
Ginger/ Turmeric	Sowing/ germination		**	Mulching ginger beds with locally available leaves/materials is advocated to enhance germination,
	<i>G</i>			prevent washing off during heavy rainfall, add organic
	3			matter to the soil & conserve moisture during dry seasons.
Potato	Maturity/ Harvesting			Harvesting recommended during clear/dry days Store already harvested potatoes in a cool, well ventilated
	That vesting		*	place/ do not wash before storing as dampness promotes early
				spoilage.
HORTICULT	URAL CROPS			
Peach	Fruit maturing	Fruit Fly	*	Install fruit fly pheromone traps,
			*	Collect and dispose off the fallen fruits.
Citme	Flowering	Dhytophthoro	*	Clean basin,
Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush.
			•	During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit
				water on the tree against Phytophthora.
			•	Prepare half moon terraces for fruit crops
				(orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Large cardamom	Sowing		*	Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation.
Kiwi	Flowering		*	Kiwi fruit vine should be covered with 50% shade net to
A 1	T71 '			protect flowers from heavy rain and hail storm.
Apple	Flowering		*	For woody aphid-Wipe the stem with cloth soaked in mineral oil.
			*	In bearing trees give a spray of Bordeaux mixture (copper
				sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.
Honey Bees				canker and other diseases.
Honey bees			*	Cover the boxes with locally available dry grass or straw to
<i>J</i>				provide warmth
			*	Provide sugar syrup in a bowl in front of the box in case of heavy rainfall
LIVESTOCKS				
Livestock	Stage	Disease	•	Precautionary Practices to be followed
❖ Clean d				General verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly
		l I		
cleaned, Fishery		l l	•	To avoid water turbidity, use grass turfing or horticultural
Fishery			*	To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.

			pond twice daily to feed fish fingerlings.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	 Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weigh
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Fee grains in the morning/evening to supplement scavenging. Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.
Cattle	All stages	FMD	 Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 3 kg body weight. Supportive treatment of infected animals under supervision of veterinary department officials, Avoid mixing of infected and healthy animals, Keep infected animals separated from the healthy ones, Vaccinate the healthy animals against FMD (Through State Veterinary Dept.) Provide feed supplements
Mithun		FMD	 Polyvalent FMD vaccine with serotype O, A and Asia at months of age and repeat after that 6 months interval by subcutaneous route. Pregnant animals above 7 months of pregnancy should be avoided.
Contact Scienti	ists (ICAR) or St		VK staff for measures against adverse conditions or call at 03795- 226237/226247

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: - \underline{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 May 2018
Rainfall = $5.3 \text{ mm (up to } 17^{\text{th}} \text{ April)}$	Partly/mostly cloudy with possibility light/moderate rain. Daily
	maximum and minimum temperature for the following period is
	predicted to be 29-31°C and 17-18°C respectively. Expected
	morning and evening relative humidity will be 92-96% and 50-57%
	respectively. Expected wind direction is mainly S & ESE with speed
	range of 3-4 kmph.
Warning:	•

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides

Warning: Spraying of DDT in crops is lethal						
	DETAILS OF ADVISORIES FOR THE PERIOD					
Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
FIELD CROP	PS					
Jhum rice	Leaf elongation		 On anticipation of rain, provide proper drainage Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weedfree to avoid disease/pest harboring 			
Rice	Nursery/trans plantation	Stem borer	 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Wet seed treatment for 12hrs. in Carbendazim 50% WP 			

ng reduces the on that site. It e main field. ptan 50% ts pe around the	litres of water) solution before sowing. Rice: Spray Triazophos 40EC @ 4 ml/lit against ster rice nursery as well as in main field. Cut the tips of the leaves before transplanting re population of stem borer as the eggs are laid on the will reduce the carryover of the infestation to the main treat the seeds before sowing with Captan WP @2g/kg seed, Make proper drainage in the crop field Avoid water stagnation near base of the plants	•			
ng reduces the on that site. It e main field. ptan 50% ts pe around the	rice nursery as well as in main field. Cut the tips of the leaves before transplanting re population of stem borer as the eggs are laid on the will reduce the carryover of the infestation to the main treat the seeds before sowing with Captan WP @2g/kg seed, Make proper drainage in the crop field Avoid water stagnation near base of the plants				
on that site. It e main field. ptan 50% ts pe around the	Cut the tips of the leaves before transplanting re population of stem borer as the eggs are laid on the will reduce the carryover of the infestation to the main treat the seeds before sowing with Captan WP @2g/kg seed, Make proper drainage in the crop field Avoid water stagnation near base of the plants	•			
on that site. It e main field. ptan 50% ts pe around the	population of stem borer as the eggs are laid on the will reduce the carryover of the infestation to the main treat the seeds before sowing with Captan WP @2g/kg seed, Make proper drainage in the crop field Avoid water stagnation near base of the plants	•			
e main field. ptan 50% ts pe around the	will reduce the carryover of the infestation to the main Treat the seeds before sowing with Captan WP @2g/kg seed, Make proper drainage in the crop field Avoid water stagnation near base of the plants				
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ts pe around the	WP @2g/kg seed, Make proper drainage in the crop field Avoid water stagnation near base of the plants	.♦.		Covvino	Maize
pe around the	Make proper drainage in the crop field Avoid water stagnation near base of the plants	**		Sowing	Maize
pe around the	Avoid water stagnation near base of the plants	*			
pe around the		*	Birds	Pod mature	Pea
-	Harvest of green pods,	*			
	Use of scare crow and tying of bird scare tape an	*			
	crop field,	A 777			
	EGETABLES			X7	C 111
ble mulches	Cover the base of crop with locally available r to avoid exposure to erosion,.	**		Vegetative	Cucurbits
	During clear/dry days, spray	*	Flea beetles/	Sowing/	Summer
etles	azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles	•	fungal diseases	vegetative	vegetables
ctics	<u> </u>	*			C
fungal	carbandazim/Mancozab@2gm/lit to control fung				
_	diseases in summer vegetables.				
	Transming grayer work with rooming	*		•	Ginger/ Turmeric
	leaves/materials is advocated to enhance ger			germination	
	prevent washing off during heavy rainfall, add matter to the soil & conserve moisture during dry				
5 dry scusons.	Harvest only during clear/dry days	*		Maturity/	Potato
				harvesting	
					HORTICULT
fruit crops	1	•	Bark eating	Flowering	Citrus
es to prevent	(orange/banana/apple/peach) in steep slopes to		caterpillar		
ilable sack to		*	Cold	Runching	Ranana
note suck to	• •	•	Colu	Building	Bunana
e to avoid	Mulching with straw/crop residue at root zone to	*			
				***	<u> </u>
on in the base		**		•	Large Cardamom
	of the plants.			0 0	LIVESTOCKS
owod	• Progautionary Practices to be followed		Disassa	ı	
		**	Disease	Stage	Livestock
	verted for Poultry/livestock feeding		us contaminated)	d grain (not fung	Damage
d be regularly	the clock and water troughs/feeders should be				
				T	cleaned,
LOOK CAL			FMD (high fever	All stages	Pigs
	Food waste or garbage fed to swine must be cooked	•			
v materials	sterilized properly. Cooking the different raw mat	•	and appearance		
v materials	sterilized properly. Cooking the different raw mate together is advocated to improve digestibility and	*	of mucous membrane of the		
v materials and to	sterilized properly. Cooking the different raw mat together is advocated to improve digestibility and break- down toxins from some feeds.		of mucous		
v materials and to	sterilized properly. Cooking the different raw man together is advocated to improve digestibility and break- down toxins from some feeds. Avoid dampness and cover weak and sick animals w	*	of mucous membrane of the		
v materials v and to als with sack	sterilized properly. Cooking the different raw man together is advocated to improve digestibility and break-down toxins from some feeds. Avoid dampness and cover weak and sick animals we cloth.	*	of mucous membrane of the mouth and foot.)		
w materials and to als with sack ty.	sterilized properly. Cooking the different raw man together is advocated to improve digestibility and break- down toxins from some feeds. Avoid dampness and cover weak and sick animals we cloth. The bedding is always dry and that there is plenty.		of mucous membrane of the mouth and foot.)		
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w materials and to als with sack ty. ater. (particularly	sterilized properly. Cooking the different raw man together is advocated to improve digestibility and break- down toxins from some feeds. Avoid dampness and cover weak and sick animals we cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particular together).	*	of mucous membrane of the mouth and foot.)		
w materials and to als with sack ty. ater. aparticularly g body weight.	sterilized properly. Cooking the different raw man together is advocated to improve digestibility and break- down toxins from some feeds. Avoid dampness and cover weak and sick animals we cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water.	*	of mucous membrane of the mouth and foot.)	All stages	Pigs
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ilable ne to on in	nutrient loss due to rain. Cover newly emerged bunches with locally available protect from cold/frost Mulching with straw/crop residue at root zone to frost injury in banana. Provide proper drainage to avoid water stagnation in of the plants. Precautionary Practices to be followed General	*	Cold Disease	flowering stage Stage	Banana Large Cardamom LIVESTOCKS Livestock

			*	Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.		
Cattle	All stages	FMD	*	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.		
				Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements		
Contact Scient	Provide feed supplements Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795- 226237/226247					

Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

No: AMFU-Basar/2018/40

Dated: Fri, 18th May, 2018

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 May 2018
Rainfall: 104.8 mm; T. Max: 32.0°C; T. Min:	Mostly/Partly cloudy with possibility of moderate to rather
18.0°C; RH: 54-100% (up to 17 th April)	heavy rainfall. Daily maximum and minimum temperature for the
	following period is predicted to be 30-33°C and 21-22°C
	respectively. Expected morning and evening relative humidity will
	be 90-95% and 47-75% respectively. Expected wind direction is
	mainly E with speed range of 2-3 kmph.
Warning:	• Nil

Weather Based Agro-meteorological Advisories Bulletin

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROP	S		
Rice	Leaf Elongation/ Tillering	Stem borer	 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.

Jhum rice	Rooting/ Leaf			Provide proper drainage and soil conservation measures
Jillin Hee	elongation		•	like mulching with locally available materials.
	C		•	Keep the periphery clean
			•	Avoid application of fertilizer and insecticides/pesticides
Maize	Vegetative	Soybean looper	*	Spraying of Quinalphos 25 EC 2ml/litre of water is
Walke	vegetative	Soyocan rooper	*	advised, Monitor the crop against attack of insect pests,
			*	Make proper drainage in the crop field,
Pea	Pod mature	Birds	*	Harvest of green pods,
			*	Use of scare crow and tying of bird scare tape around the
				crop field,
Toria/ Mustard	Maturity/ Harvesting	Aphid		Harvesting of mature crop, If only infestation is high, Spraying of dimethoate @ 2 ml
	Trai vesting		*	per litre of water is advised using proper sticker,
VEGETABLE	C			per fitte of water is advised using proper sticker,
Cucurbits	Vegetative		•	Cover the base of crop with locally available mulches
			•	to avoid exposure to erosion,.
Summer	Sowing/	Flea beetles/	*	During clear/dry days, spray
vegetables	vegetative	fungal diseases		azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
			*	During clear/dry days, spray
				carbandazim/Mancozab@2gm/lit to control fungal
G: /m :	~			diseases in summer vegetables.
Ginger/ Turmeric	Sowing/ germination		*	Mulching ginger beds with locally available leaves/materials is advocated to enhance germination,
	germmation			prevent washing off during heavy rainfall, add organic
				matter to the soil & conserve moisture during dry seasons.
HORTICULT	URAL CROPS			
Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree
				trunk upto the height of 24 inches by brush.
			•	During clear dry days or using stickers during rain,
				spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit
			•	water on the tree against Phytophthora. Prepare half moon terraces for fruit crops
				(orange/banana/apple/peach) in steep slopes to prevent
				nutrient loss due to rain.
Guava	Flowering		*	Avoid water logging in the basin,
			*	Basin cleaning in half moon system is advised,
Banana	Bunching		*	Denavelling (removal of male bud) & bagging of bunches advocated
Large cardamom	Sowing		*	Sowing in primary nursery bed at 2cm depth & 10cm apart
			*	with mulching & regular irrigation. Applications of well decomposed cattle manure/compost
			*	@5kg/plant during clear/dry days.
Honey Bees				<u></u>
Honey bees			*	Cover the boxes with locally available dry grass or straw to
				provide warmth
LIVESTOCKS				
Livestock	Stage	Disease		* Precautionary Practices to be followed
. -		, . .		General
				verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly
Fishery			*	To avoid water turbidity, use grass turfing or horticultural
•				crop at embankment/dyke of the earthen fish pond.
			*	Broadcast mustard Oil Cake (MOC) @5kg/day over the
				pond twice daily to feed fish fingerlings.
Pigs	All stages	FMD (high fever	*	Food waste or garbage fed to swine must be cooked and
_		and appearance		sterilized properly. Cooking the different raw materials
		of mucous		together is advocated to improve digestibility and to
		membrane of the		break- down toxins from some feeds.
		mouth and foot.) Swine Fever	*	Avoid dampness and cover weak and sick animals with sack

			*	The bedding is always dry and that there is plenty.
			*	Animals should be given lukewarm feed and water.
			*	Right time to deworm with anti helmetic drugs (particularly
				Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages			Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.
				Day old chick-Maintain warmth by lighting,
			*	Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.
Goat	All stages		*	Deworming for gastrointestinal parasite
Cattle	All stages	FMD		Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
			**	Provide proper bedding materials especially to new-born and lukewarm food & water
			*	Provide feed supplements
Contact Scien	ntists (ICAR) or S	tate Agril Staff	or KV	K staff for measures against adverse conditions or call

at 03795-226237/226247

Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

No: AMFU-Basar/2018/40

Dated: Fri, 18th May, 2018

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 May 2018
Past weather summary not available	Partly/mostly cloudy with possibility of moderate to rather
	heavy rain. Daily maximum and minimum temperature for the
	following period is predicted to be 24-25°C and 12-13°C
	respectively. Expected morning and evening relative humidity will
	be 86-91% and 62-70% respectively. Wind direction is mainly SE &
	ESE with wind speed range of 3-6 kmph.
Warning	• Nil

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

• warming	• warning: Spraying of DD1 in crops is letnal						
DETAILS OF ADVISORIES FOR THE PERIOD							
Crop	Stage	Pest/Disease	Precautionary Practices to be followed				
FIELD CROPS							
Rice	Transplantation / leaf elongation	Stem borer	 On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. 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 rice	Leaf elongation		•	On anticipation of rain, provide proper drainage Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weedfree to avoid disease/pest harboring
Pea	Seed development	Powdery mildew/ leaf eating insects	*	Provide adequate drainage and avoid water stagnation near the base of the plants. Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Maturity	Aphids	* *	Provide adequate drainage If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLE	S			
Cucurbits	Vegetative		*	Cover the base of crop with locally available mulches to avoid exposure to erosion,.
Ginger/ Turmeric	Sowing/ germination		*	Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Summer vegetables	Sowing		*	Sowing advocated during clear/dry days
Cabbage/	Harvesting		*	Harvest mature crop.
Cauliflower	LIBAT GROBG		*	Constantly monitor against attack of insects pests/mole.
HORTICULT Citrus	URAL CROPS Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree
	J		•	trunk upto the height of 24 inches by brush. During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly	*	Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin,
Large cardamom	Sowing		*	Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation.
Apple	Flowering		*	Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Temperate fruits	After harvesting		*	Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Pineapple	Harvesting			After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Kiwi	Flowering		*	Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.
Banana	Bunching	Cold	*	Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Honey Bees				nost mjury m vanana.
			*	Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS	S			
	d grain (not fung			verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly
cleaned,		Disease		Precautionary Practices to be followed

Livestock

Stage

Disease

Precautionary Practices to be followed

Fishery			*	To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond. Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	*	Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Cattle	All stages	FMD		
Poultry	All stages		*	
Mithun		FMD	* *	Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by subcutaneous route. Pregnant animals above 7 months of pregnancy should be avoided.
Contact Scien	tists (ICAR) or	_		K staff for measures against adverse conditions or call 26237/226247

Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

No: AMFU-Basar/2018/40

Dated: Fri, 18th May, 2018

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

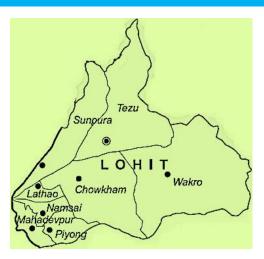






AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

Advisory for district: Lohit



Weather summery of the previous week	Weather forecast valid up to 23 rd May 2018
Rainfall = 42.4 mm	Partly/mostly cloudy with possibility of moderate to rather heavy
(up to 17 th April)	rainfall. Daily maximum and minimum temperature for the following
	period is predicted to be 29-32°C and 17-19°C respectively. Expected
	morning and evening relative humidity will be 92-96% and 50-58%
	respectively. Wind direction is mainly ENE with speed range of 2-4
	kmph.
Warning:	• Nil

GENERAL RECOMMENDATIONS

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
FIELD CRO	PS					
Rice	Leaf Elongation/ Tillering	Stem borer	 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field. 			
Jhum rice	Rooting/ Leaf elongation		 Provide proper drainage and soil conservation measures like mulching with locally available materials. Keep the periphery clean Avoid application of fertilizer and insecticides/pesticides 			

Maize	Vegetative	Soybean looper	* *	Spraying of Quinalphos 25 EC 2ml/litre of water is advised, Monitor the crop against attack of insect pests, Make proper drainage in the crop field,
Pea	Seed development	Powdery mildew/ leaf eating insects	*	Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLE				
Summer vegetables	Sowing/ vegetative	Flea beetles/ fungal diseases		During clear/dry days, spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles During clear/dry days, spray carbandazim/Mancozab@2gm/lit to control fungal diseases in summer vegetables.
Cucurbits	Vegetative		*	Cover the base of crop with locally available mulches to avoid exposure to erosion,.
Ginger/ Turmeric	Sowing/ germination		*	Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
French Bean	Sowing		*	Sowing of quality seeds advocated
Okra	Sowing			Proper drainage to already sown crops Avoid fresh sowing
HORTICULT	URAL CROPS			
Guava	Flowering		*	Avoid water logging in the basin,
			*	Basin cleaning in half moon system is advised,
Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush. During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent
Banana	Bunching		*	nutrient loss due to rain. Denavelling (removal of male bud) & bagging of bunches advocated
Kiwi	Pruning/Training		* *	Diseased and senile branches should be removed. Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering. Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation
Large Cardamom	Fruiting	Chirkey Disease	*	Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth on clear/dry days.
Honey Bees				
Honey bees			*	Cover the boxes with locally available dry grass or straw to provide warmth
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
			to be div	General verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly
Fishery			*	To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond. Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	*	Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth.

			*	The bedding is always dry and that there is plenty.		
			*	Animals should be given lukewarm feed and water.		
			Right time to deworm with anti helmetic drugs (particularly			
				Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.		
Poultry	All stages		*	Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. Day old chick-Maintain warmth by lighting, Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.		
Goat	All stages		*	Deworming for gastrointestinal parasite		
Cattle	All stages	FMD	*	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water		
				Provide feed supplements		
Contact Scien	ntists (ICAR) or S	tate Agril Staff	or KV	K staff for measures against adverse conditions or call		

Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 May 2018			
Rainfall = 98.0 mm (Roing) (up to 17 th	Partly/mostly cloudy with possibility of moderate rainfall. Daily			
April)	maximum and minimum temperature for the following period is			
	predicted to be 29-31°C and 17-18°C respectively. Expected morning			
	and evening relative humidity will be 94-97% and 54-70%			
	respectively. Wind direction is mainly SSE & NE with speed range			
	of 2-4 kmph.			
Warning:	• Nil			

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

	DETAILS OF ADVISORIES FOR THE FERIOD					
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CRO	PS					
Rice	Leaf Elongation/ Tillering	Stem borer		Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.		
Jhum rice	Rooting/ Leaf		•	Provide proper drainage and soil conservation measures		

	elongation			like mulching with locally available materials.
	<i>B.</i>		•	Keep the periphery clean
			•	Avoid application of fertilizer and insecticides/pesticides
Maize	Vegetative	Soybean looper	*	Spraying of Quinalphos 25 EC 2ml/litre of water is
	C			advised,
			*	Monitor the crop against attack of insect pests,
			•	Make proper drainage in the crop field,
Pea	Seed	Powdery mildew/ leaf	*	Provide adequate drainage and avoid water stagnation
	development	eating insects		near the base of the plants.
			**	Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the
				infestation is high.
Toria/ Mustard	Maturity	Aphids	*	Provide adequate drainage
Toria/ Wustard	wiaturity	Apinus	*	If the infestation is high, Spray Dimethoate 30EC @2ml/litre
			•	against aphids in Rapeseed/Mustard using sticker or during
				clear/dry days.
VEGETABLE	S			croundry days.
Cucurbits	Vegetative		*	Cover the base of crop with locally available mulches
	C			to avoid exposure to erosion,.
Summer	Sowing/	Flea beetles/	*	During clear/dry days, spray
vegetables	vegetative	fungal diseases		azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
			*	During clear/dry days, spray
				carbandazim/Mancozab@2gm/lit to control fungal
Cin con/Tymmonia	Cowing/			diseases in summer vegetables. Mulching ginger beds with locally available
Ginger/ Turmeric	Sowing/ germination		*	Mulching ginger beds with locally available leaves/materials is advocated to enhance germination,
	germmation			prevent washing off during heavy rainfall, add organic
				matter to the soil & conserve moisture during dry seasons.
French Bean	Vegetative/flowe		*	Proper drainage
Okra	ring Vegetative			Duori de muon on duoine co
HORTICULT			*	Provide proper drainage
Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree
	I io weinig	1 ily topinilora	_	trunk upto the height of 24 inches by brush.
			•	During clear dry days or using stickers during rain,
				spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit
				water on the tree against Phytophthora.
			•	Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent
				nutrient loss due to rain.
Guava	Flowering		*	Avoid water logging in the basin,
			*	Basin cleaning in half moon system is advised,
Banana	Bunching		*	Denavelling (removal of male bud) & bagging of
				bunches advocated
Large cardamom	Sowing		*	Sowing in primary nursery bed at 2cm depth & 10cm apart
			*	with mulching & regular irrigation. Applications of well decomposed cattle manure/compost
			**	@5kg/plant during clear/dry days.
Honey Bees				- OF-
Honey bees			*	Box must be covered with straw/dry leaves to provide
				warmth
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
			*	General
				verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly
Fishery			*	To avoid water turbidity, use grass turfing or horticultural
1 151101 y			•	crop at embankment/dyke of the earthen fish pond.
			*	Broadcast mustard Oil Cake (MOC) @5kg/day over the
Ì			•	` ' '
				pond twice daily to feed fish fingerlings.
Pigs	All stages	FMD (high fever	*	Food waste or garbage fed to swine must be cooked and

Poultry	All stages	and appearance of mucous membrane of the mouth and foot.) Swine Fever	* *	sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. Day old chick-Maintain warmth by lighting,
			*	Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.
Goat	All stages		*	Deworming for gastrointestinal parasite
Cattle	All stages	FMD		Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
			*	Provide proper bedding materials especially to new-born and lukewarm food & water
G , , G ,				Provide feed supplements

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

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

No: AMFU-Basar/2018/40

Dated: Fri, 18th May, 2018

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 23 rd May 2018				
Rainfall = NA	Mostly cloudy with possibility of moderate rainfall. Daily				
	maximum and minimum temperature for the following period is				
	predicted to be 30-32°C and 18-19°C respectively. Expected				
	morning and evening relative humidity will be 91-96% and 58-61%				
	respectively. Wind direction is mainly SSE & SE with speed range				
	of 2-3 kmph.				
Warning:	• Nil				

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

DETAILS	OF AD	VISORIES	FOR	THE	PERIOD
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Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CRO	PS		
Rice	Transplantation / leaf elongation	Stem borer	 On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. 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 rice	Leaf elongation		•	On anticipation of rain, provide proper drainage
			•	Follow proper runoff management system to avoid
				loss of top soil due to heavy rainfall.
			•	Keep the surrounding clean/ weedfree to avoid disease/pest harboring
Pea	Seed	Powdery	*	Provide adequate drainage and avoid water stagnation
1 ca	development	mildew/ leaf	*	near the base of the plants.
		eating insects	*	Need based foliar spray of Dinocap (0.2%) or Carbendazim
				50WP (0.1%) or Propiconazole (0.1%) using sticker if the
				infestation is high.
Toria/ Mustard	Seed	Aphids	*	Suspend spray operations.
	formation/ ripening		*	Spray Dimethoate 30EC @2ml/litre against aphids in
VEGETABLE				Rapeseed/Mustard on clear/dry days.
Cucurbits	Vegetative		•	Cover the base of crop with locally available mulches
				to avoid exposure to erosion,.
Ginger/ Turmeric	_		*	Mulching ginger beds with locally available
	germination			leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic
				matter to the soil & conserve moisture during dry seasons.
Pre-summer	Sowing	Nursery insects	•	Right time for transplanting the ready seedlings of chili,
vegetables				tomato, capsicum etc.
			•	Provide proper drainage to newly transplanted seedlings and
				follow raised bed for sowing
			•	Spray Azadirachtin 1% (10000 PPM) @ 1000-1500 ml in 500
HORTICULT	IIDAI CDODS			litres water/ha against nursery insects
Peach	Fruit maturing	Fruit Fly	*	Install fruit fly pheromone traps,
			*	Collect and dispose off the fallen fruits.
C	El			Clean basin,
Guava	Flowering		*	Avoid water logging in the basin, Basin cleaning in half moon system is advised,
Citrus	Flowering	Bark eating	•	Foliar application of Boron + Zinc @ 0.2% or multiplex @
	8	caterpillar		0.2% i.e 2g/lit of water to improve the yield and quality of
				fruits during clear/sunny days.
			•	Cleaning & smearing of trunk base with Bordeaux paste. Budding method of propagation (T-budding) to commences in
			•	oranges using Rangpur lime as rootstock.
			•	If flowering begins, avoid spray of insecticides/ pesticides as it
				may affect pollination process.
			•	Spray (Planofix) NAA based growth regulator @2m/5lit water during flowering stage in orange plant to reduce fruit/flower
				drop
			•	For bark eating caterpillar, remove wooden frass and inject
			_	Dichlorovos (0.1%) @ 5ml with disposable syringe. Dead wood on the citrus trees should be kept pruned, about
			•	2cm, below the dead portion.
Large cardamom	Sowing		*	Sowing in primary nursery bed at 2cm depth & 10cm apart
				with mulching & regular irrigation.
			*	Applications of well decomposed cattle manure/compost @5kg/plant during clear/dry days.
Kiwi	Flowering		*	Kiwi fruit vine should be covered with 50% shade net to
				protect flowers from heavy rain and hail storm.
Apple	Flowering		*	For woody aphid-Wipe the stem with cloth soaked in mineral
			*	oil. In bearing trees give a spray of Bordeaux mixture (copper
			•	sulphate (2Kg)+quick lime (2kg) in 200litres of water) against
				canker and other diseases.
Temperate fruits	After harvesting		*	Training & pruning of the temperate crops (apple/pears/peach)
			.♦.	is recommended In case of flowering, stop spraying insecticides/posticides
			*	In case of flowering, stop spraying insecticides/pesticides

Agroforestry			
Гoko palm	Nursery		 Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
Honey bees			Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
_			 General to be diverted for Poultry/livestock feeding round the clock and water troughs/feeders should be regularl
Fishery			❖ To avoid water turbidity, use grass turfing or horticultural
,			 crop at embankment/dyke of the earthen fish pond. Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	 Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	 Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Mithun Contact Scien	tists (ICAR) or	FMD State Agril Staff	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by subcutaneous route. Pregnant animals above 7 months of pregnancy should be avoided.
Contact Scien	tists (ICAR) or		For KVK staff for measures against adverse condition 3795-226237/226247

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: -\underbrace{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

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No: AMFU-Basar/2018/40

Dated: Fri, 18th May, 2018

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 23 rd May 2018
Rainfall: 43.9 mm; T. Max: 34.0°C; T. Min: 18.0°C; RH: 64-88% (up to 17 th April)	Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 31-34°C and 21-22°C respectively. Expected morning and evening relative humidity will be 92-97% and 60-68% respectively. Expected wind direction mainly variable with speed range of 2 kmph.
Warning:	•

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

• warm	• Warning. Spraying or DDT in Crops is ictual					
	DETAILS OF ADVISORIES FOR THE PERIOD					
Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
			FIELD CROPS			
Rice	Leaf Elongation/ Tillering	Stem borer	 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field. 			
Maize	Vegetative	Soybean looper	 Spraying of Quinalphos 25 EC 2ml/litre of water is advised, Monitor the crop against attack of insect pests, 			

			*	Make proper drainage in the crop field,
Jhum rice	Rooting/ Leaf			Provide proper drainage and soil conservation measures
	elongation			like mulching with locally available materials.
	C		•	Keep the periphery clean
				Avoid application of fertilizer and insecticides/pesticides
			VF	EGETABLES
Cucurbits	Vegetative		*	
	\mathcal{E}		·	to avoid exposure to erosion,.
Summer	Sowing/	Flea beetles/	*	During clear/dry days, spray
vegetables	vegetative	fungal diseases		azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
			*	During clear/dry days, spray
				carbandazim/Mancozab@2gm/lit to control fungal
E 1 D				diseases in summer vegetables.
French Bean	vegetative		* *	Proper drainage should be provided
Ginger/ Turmeric	Sowing/		*	Mulching ginger beds with locally available
Gingel/ Turmerie	germination		•	leaves/materials is advocated to enhance germination,
	C			prevent washing off during heavy rainfall, add organic
				matter to the soil & conserve moisture during dry seasons.
		H	ORTIC	ULTURAL CROPS
Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree
				trunk upto the height of 24 inches by brush.
			•	During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit
				water on the tree against Phytophthora.
			•	Prepare half moon terraces for fruit crops
				(orange/banana/apple/peach) in steep slopes to prevent
				nutrient loss due to rain.
Guava	Flowering		*	Avoid water logging in the basin,
D	D 1'			Basin cleaning in half moon system is advised,
Banana	Bunching		*	Denavelling (removal of male bud) & bagging of bunches advocated
Large Cardamom	Vegetative		*	Provide proper drainage to avoid water stagnation in
Large Cardamoni	v egetati ve		•	the base of the plant.
			Н	oney Bees
Honey bees			*	Box must be covered with straw/dry leaves to provide
				warmth
			LI	VESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
General				
_				verted for Poultry/livestock feeding
	rinking water sl	hould be ensured	round	the clock and water troughs/feeders should be regularly
cleaned,		1		To avoid water turbidity, use grass turfing or horticultural
Fishery			**	crop at embankment/dyke of the earthen fish pond.
			*	Broadcast mustard Oil Cake (MOC) @5kg/day over the
			•	pond twice daily to feed fish fingerlings.
Pigs	All stages	FMD (high fever	*	Food waste or garbage fed to swine must be cooked and
1183	7 III Stuges	and appearance	•	sterilized properly. Cooking the different raw materials
		of mucous		together is advocated to improve digestibility and to
		membrane of the		break- down toxins from some feeds.
		mouth and foot.)	*	Avoid dampness and cover weak and sick animals with sack
, .		Swine Fever	•	cloth.
		i I	*	The bedding is always dry and that there is plenty.
			•	
			*	Animals should be given lukewarm feed and water.
				Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly
			*	6
Poultry	All stages		*	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		*	Right time to deworm with anti helmetic drugs (particularly
Poultry	All stages		*	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. Day old chick-Maintain warmth by lighting,
Poultry	All stages		*	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.

Goat	All stages		*	Deworming for gastrointestinal parasite	
Cattle	All stages	FMD	*	Right time to deworm with anti helmetic drugs	
				(particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30	
				kg body weight.	
			*	Provide proper bedding materials especially to new-born and	
				lukewarm food & water	
			*	Provide feed supplements	
Contact Scien	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call				
		at 03	3795-22	26237/226247	

Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

No: AMFU-Basar/2018/40

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ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 May 2018
Rainfall = 7.6 mm (up to 17 th April)	Partly/mostly cloudy with possibility of Moderate rainfall. Daily
	maximum and minimum temperature for the following period is
	predicted to be 18-19°C and 6.0-7.0°C respectively. Expected
	morning and evening relative humidity will be 87-90% and 53-60%
	respectively. Wind direction is mainly SE & SSW with probable
	speed range of 2-4 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Pest/Disease Precautionary Practices to be followed		
FIELD CRO)PS				
Jhum rice	Leaf elongation		 On anticipation of rain, provide proper drainage Follow proper runoff management system to avoid loss of top soil due to heavy rainfall. Keep the surrounding clean/ weedfree to avoid disease/pest harboring 		
Maize	Sowing		Sowing of Maize advocated		

Rice	Transplantation / leaf elongation	Stem borer	•	Carry out seed dressing/treatment with Thiram or Carbendazim @ 2g/kg seed before sowing Follow time isolation of atleast 15 days for two or more different varieties of maize in Jhum field On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Cut the tips of the leaves before transplanting reduces the
Jhum field	Sowing		•	population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field. 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. Cowpea variety (Kashi Kanchan) and Frenchbean variety (Selection-9) are advocated for intercropping as they are short
			•	duration, dwarf and high yielding. Carry out seed dressing/treatment with Thiram or Carbendazim @ 2g/kg seed before sowing
VEGETABLE			ı	
Ginger/ Turmeric	Sowing/ germination		*	Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
French bean	Vegetative		*	Avoid water stagnation near the base of plant by providing proper drainage
HORTICULT	URAL CROPS			
Peach	Fruit maturing	Fruit Fly		Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin,
Kiwi	Flowering		*	Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.
Apple	Flowering		*	For woody aphid-Wipe the stem with cloth soaked in mineral oil. In bearing trees give a spray of Bordeaux mixture (copper sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases during clear/dry days.
Temperate fruits	After harvesting		*	Training & pruning of the temperate crops (apple/pears/peach) is recommended
Banana	Bunching	Cold	*	In case of flowering, stop spraying insecticides/pesticides Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
LIVESTOCKS			ı	
Livestock	Stage	Disease		Precautionary Practices to be followed
_	l grain (not fungus		the clo	ted for Poultry/livestock feeding ck and water troughs/feeders should be regularly cleaned, Food waste or garbage fed to swine must be cooked and
rigs	All stages	and appearance of mucous membrane of the mouth and foot.)		sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break-down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack
		Swine Fever	* *	cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.

			*	grains in the morning/evening to supplement scavenging. Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.
Yak	All stages			Feeding of concentrate feed along with mineral mixture and salt.
			•	Hay feeding is recommended.
Cattle	All stages	FMD	*	Animals should be given lukewarm feed and water.
			*	Right time to deworm with anti helmetic drugs
				(particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30
				kg body weight.
			*	Provide proper bedding materials especially to new-born and
				lukewarm food & water
			*	Provide feed supplements
Contact Scien	tists (ICAR) or	State Agril Staff	or KV	K staff for measures against adverse conditions or call

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 23 rd May 2018
Rainfall = 11.4 mm (up to 17 th April)	Partly/mostly cloudy with possibility of moderate rain. Daily
	maximum and minimum temperature for the following period is
	predicted to be 30-32°C and 21-22°C respectively. Expected
	morning and evening relative humidity will be 97-100% and 49-
	59% respectively. Wind direction is mainly SSW & NW with speed
	range of 2 kmph.
Warning:	• Nil

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

Warming Spraying of 221 in or opens to room.						
DETAILS OF ADVISORIES FOR THE PERIOD						
Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
FIELD CROPS						
Rice	Leaf Elongation/ Tillering	Stem borer	 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field. 			
Jhum rice	Rooting/ Leaf elongation		 Provide proper drainage and soil conservation measures like mulching with locally available materials. Keep the periphery clean Avoid application of fertilizer and insecticides/pesticides 			
Maize	Vegetative	Soybean looper	 Monitor the crop against attack of insect pests, 			

			**	Make proper drainage in the crop field,
VECETABLE	C		~	make proper dramage in the crop neit,
VEGETABLES Summer	Sowing/	Flea beetles/	*	During clear/dry days, spray
vegetables	vegetative	fungal diseases	•	azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
vegetables	, egetati ve	Tungar arseases	**	During clear/dry days, spray
			•	carbandazim/Mancozab@2gm/lit to control fungal
				diseases in summer vegetables.
Cucurbits	Vegetative		*	9
Cucurons	v egetative		•	to avoid exposure to erosion,.
			*	•
			•	through proper drainage
Cucurbits	vegetative		*	Avoid water stagnation near the base of the plant through
	, egetati ve		•	proper drainage
Ginger/ Turmeric	Sowing/		*	Mulching ginger beds with locally available
	germination		•	leaves/materials is advocated to enhance germination,
				prevent washing off during heavy rainfall, add organic
				matter to the soil & conserve moisture during dry seasons.
HORTICULT	URAL CROPS			
Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree
				trunk upto the height of 24 inches by brush.
			•	During clear dry days or using stickers during rain,
				spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit
			_	water on the tree against Phytophthora.
			•	Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent
				nutrient loss due to rain.
Guava	Flowering		*	Avoid water logging in the basin,
	1 to wering			Basin cleaning in half moon system is advised,
Daman -	Bunching		*	Denavelling (removal of male bud) & bagging of
Banana				Denavering (removar or mare odd) & ougging or
Banana	201101111115			bunches advocated.
	- Summing			bunches advocated
Honey Bees	2 5		*	
	Zancining		*	Box must be covered with straw/dry leaves to provide warmth
			*	Box must be covered with straw/dry leaves to provide
Honey Bees		Disease	*	Box must be covered with straw/dry leaves to provide
Honey Bees LIVESTOCKS Livestock General	Stage			Box must be covered with straw/dry leaves to provide warmth Precautionary Practices to be followed
Honey Bees LIVESTOCKS Livestock General Damageo	Stage d grain (not fung	gus contaminated)	to be di	Box must be covered with straw/dry leaves to provide warmth Precautionary Practices to be followed verted for Poultry/livestock feeding
Honey Bees LIVESTOCKS Livestock General Damagee Clean di	Stage d grain (not fung	gus contaminated)	to be di	Box must be covered with straw/dry leaves to provide warmth Precautionary Practices to be followed verted for Poultry/livestock feeding
Honey Bees LIVESTOCKS Livestock General Damagee Clean decleaned,	Stage d grain (not fung	gus contaminated) hould be ensured	to be di round	Box must be covered with straw/dry leaves to provide warmth Precautionary Practices to be followed verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly
Honey Bees LIVESTOCKS Livestock General Damagee Clean di	Stage d grain (not fung	gus contaminated) hould be ensured FMD (high fever	to be di	Box must be covered with straw/dry leaves to provide warmth Precautionary Practices to be followed verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and
Honey Bees LIVESTOCKS Livestock General Damagee Clean decleaned,	Stage d grain (not fung	gus contaminated) hould be ensured	to be di round	Box must be covered with straw/dry leaves to provide warmth Precautionary Practices to be followed verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials
Honey Bees LIVESTOCKS Livestock General Damagee Clean decleaned,	Stage d grain (not fung	FMD (high fever and appearance of mucous membrane of the	to be di round	Box must be covered with straw/dry leaves to provide warmth Precautionary Practices to be followed verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to
Honey Bees LIVESTOCKS Livestock General Damagee Clean decleaned,	Stage d grain (not fung	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	to be di round	Box must be covered with straw/dry leaves to provide warmth Precautionary Practices to be followed verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.
Honey Bees LIVESTOCKS Livestock General Damagee Clean decleaned,	Stage d grain (not fung	FMD (high fever and appearance of mucous membrane of the	to be di round	Box must be covered with straw/dry leaves to provide warmth * Precautionary Practices to be followed verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack
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	 Provide feed supplements 					
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call						
at 03795-226237/226247						

Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

No: AMFU-Basar/2018/40

Dated: Fri, 18th May, 2018

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 May 2018
Rainfall = 33.4 mm (up to 17 th April)	Partly/mostly 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 15-16°C
	respectively. Expected morning and evening relative humidity will
	be 89-92% and 59-65% respectively. Wind direction is mainly ESE
	& S with speed range of 2-3 kmph.
Warning:	• Nil

GENERAL RECOMMENDATIONS

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CRO	PS		
Rice	Transplantation / leaf elongation	Stem borer	 On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. 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 rice	Leaf elongation		On anticipation of rain, provide proper drainage

			•	Follow proper runoff management system to avoid
				loss of top soil due to heavy rainfall.
			•	Keep the surrounding clean/ weedfree to avoid disease/pest harboring
Pea	Seed development	Powdery mildew/ leaf eating insects	*	Provide adequate drainage and avoid water stagnation near the base of the plants.
Jhum field	Sowing		•	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.
				Carry out seed dressing/treatment with Thiram or Carbendazim @ 2g/kg seed before sowing.
				Cowpea variety (Kashi Kanchan) and Frenchbean variety (Selection-9) are advocated for intercropping as they are short duration, dwarf and high yielding.
VEGETABLE	S			<u> </u>
Cucurbits	Vegetative			Cover the base of crop with locally available mulches to avoid exposure to erosion,. Avoid water stagnation near the base of the plant through proper drainage
Ginger/ Turmeric	Sowing/ germination		*	Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
HORTICULT				
Peach	Fruit maturing	Fruit Fly	*	Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin,
Citrus	Flowering	Bark eating caterpillar	•	Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Large cardamom	Sowing			Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation.
Kiwi	Flowering		*	Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.
Apple	Flowering		*	For woody aphid-Wipe the stem with cloth soaked in mineral oil. In bearing trees give a spray of Bordeaux mixture (copper sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.
Banana	Bunching	Cold	*	Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid
				frost injury in banana.
LIVESTOCKS	5			
Livestock	Stage	Disease		Precautionary Practices to be followed
			o be div	General verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly
Fishery				To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond. Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	*	Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth.

			The bedding is always dry and that there is plenty.	
			Animals should be given lukewarm feed and water.	
			Right time to deworm with anti helmetic drugs (particularly	
			Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.	
Poultry	All stages		❖ Provide shelter to the backyard/scavenging poultry. Feed	
			grains in the morning/evening to supplement scavenging.	
			Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.	
Cattle	All stages	FMD	Animals should be given lukewarm feed and water.	
Cattle	All stages	PMD	 Animals should be given tukewarm feed and water. Right time to deworm with anti helmetic drugs 	
			(particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30	
			kg body weight.	
			• Provide proper bedding materials especially to new-born and	
			lukewarm food & water	
3.61.1		77.65	Provide feed supplements	
Mithun		FMD	Polyvalent FMD vaccine with serotype O, A and Asia at 6	
			months of age and repeat after that 6 months interval by sub-	
			cutaneous route.	
			❖ Pregnant animals above 7 months of pregnancy should be	
			avoided.	
Contact Scien	itists (ICAR) or S	tate Agril Staff	for KVK staff for measures against adverse conditions or call	
	at 03795-226237/226247			

Agrometeorological Field Unit ICAR. BASAR

Agro-met Advisory Bulletin

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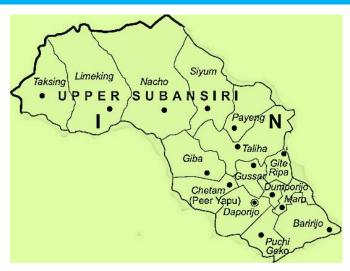






AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

Advisory for district: Upper Subansiri



Weather summery of the previous week	Weather forecast valid up to 23 rd May 2018
Daporijo: 2.4 mm (up to 17 th April)	Mostly cloudy with possibility of moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 30-32°C and 18-19°C respectively. Expected
	morning and evening relative humidity will be 88-91% and 59-63% respectively. Expected wind direction is mainly variable with speed range of 2-3 kmph.
Warning	Thunderstorm in few isolated places

GENERAL RECOMMENDATIONS

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
	FIELD CROPS				
Rice	Transplantation / leaf elongation	Stem borer	 On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. 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 rice	Leaf elongation			On anticipation of rain provide prepar drainers
Jnum 11Ce	Lear clongation		-	On anticipation of rain, provide proper drainage
			•	Follow proper runoff management system to avoid
				loss of top soil due to heavy rainfall.
			•	Keep the surrounding clean/ weedfree to avoid disease/pest harboring
Pea	Seed	Powdery	*	Provide adequate drainage and avoid water stagnation
	development	mildew/ leaf		near the base of the plants.
		eating insects	*	Need based foliar spray of Dinocap (0.2%) or Carbendazim
				50WP (0.1%) or Propiconazole (0.1%) using sticker if the
				infestation is high.
Jhum field	Sowing/		•	Adopt sowing of leguminous crops like cowpea, frenchbean,
	vegetative			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.
			•	Carry out seed dressing/treatment with Thiram or
				Carbendazim @ 2g/kg seed before sowing.
			•	Cowpea variety (Kashi Kanchan) and Frenchbean variety
				(Selection-9) are advocated for intercropping as they are short
				duration, dwarf and high yielding.
		,		TABLES
Cucurbits	Vegetative		*	Cover the base of crop with locally available mulches
			*	to avoid exposure to erosion,.
			•	Avoid water stagnation near the base of the plant through proper drainage
Ginger/ Turmeric	Sowing/		*	Mulching ginger beds with locally available
	germination		•	leaves/materials is advocated to enhance germination,
				prevent washing off during heavy rainfall, add organic
				matter to the soil & conserve moisture during dry seasons.
			ICULT	URAL CROPS
Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush.
			•	During clear dry days or using stickers during rain,
				spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.
			•	Prepare half moon terraces for fruit crops
				(orange/banana/apple/peach) in steep slopes to prevent
D 1		P 1 P		nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly		Install fruit fly pheromone traps,
			* *	
Apple	Flowering		*	Prepare half moon terraces for fruit crops
Прріс	Tiowering		•	(orange/banana/apple/peach) in steep slopes to prevent
				nutrient loss due to rain.
17	El avere:		*	Kiwi fruit vine should be covered with 50% shade net to
K 13371	HIOMOTHO			Kiwi if the should be covered with 50% shade het to
Kiwi	Flowering		•	protect flowers from heavy rain and hail storm
				protect flowers from heavy rain and hail storm. Training & pruning of the temperate crops (apple/pears/peach)
Kiwi Temperate fruits	After harvesting		*	protect flowers from heavy rain and hail storm. Training & pruning of the temperate crops (apple/pears/peach) is recommended
			*	Training & pruning of the temperate crops (apple/pears/peach) is recommended
			* Hone	Training & pruning of the temperate crops (apple/pears/peach)
Temperate fruits			* Hone	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees
Temperate fruits			* Hone *	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box
Temperate fruits		Disease	* Hone *	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box Add insulation and ventilation systems
Temperate fruits Honey bees Livestock	After harvesting Stage		Hone LIVES	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box Add insulation and ventilation systems TOCKS Precautionary Practices to be followed neral
Temperate fruits Honey bees Livestock Damaged gra	After harvesting Stage ain (not fungus co	ntaminated) to be	Hone LIVES Get diverted	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box Add insulation and ventilation systems TOCKS Precautionary Practices to be followed neral ed for Poultry/livestock feeding
Temperate fruits Honey bees Livestock Damaged gra Clean drinki	Stage ain (not fungus cong water should be	ontaminated) to be be ensured round	Hone LIVES Ge e diverte the cloc	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box Add insulation and ventilation systems TOCKS Precautionary Practices to be followed neral ed for Poultry/livestock feeding k and water troughs/feeders should be regularly cleaned,
Temperate fruits Honey bees Livestock Damaged gra	After harvesting Stage ain (not fungus co	ontaminated) to be be ensured round FMD (high fever	Hone LIVES Ge e diverte the cloc	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box Add insulation and ventilation systems TOCKS Precautionary Practices to be followed neral ed for Poultry/livestock feeding k and water troughs/feeders should be regularly cleaned, Food waste or garbage fed to swine must be cooked and
Temperate fruits Honey bees Livestock Damaged gra Clean drinki	Stage ain (not fungus cong water should be	ontaminated) to be be ensured round	Hone LIVES Ge e diverte the cloc	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box Add insulation and ventilation systems TOCKS Precautionary Practices to be followed neral ed for Poultry/livestock feeding k and water troughs/feeders should be regularly cleaned, Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials
Temperate fruits Honey bees Livestock Damaged gra Clean drinki	Stage ain (not fungus cong water should be	ontaminated) to be be ensured round FMD (high fever and appearance	Hone LIVES Ge e diverte the cloc	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box Add insulation and ventilation systems TOCKS Precautionary Practices to be followed neral ed for Poultry/livestock feeding k and water troughs/feeders should be regularly cleaned, Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to
Temperate fruits Honey bees Livestock Damaged gra Clean drinki	Stage ain (not fungus cong water should be	ontaminated) to be ensured round FMD (high fever and appearance of mucous membrane of the mouth and foot.)	Hone LIVES Get diverte the cloc	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box Add insulation and ventilation systems TOCKS Precautionary Practices to be followed neral ed for Poultry/livestock feeding k and water troughs/feeders should be regularly cleaned, Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.
Temperate fruits Honey bees Livestock Damaged gra Clean drinki	Stage ain (not fungus cong water should be	ontaminated) to be ensured round FMD (high fever and appearance of mucous membrane of the	Hone LIVES Ge e diverte the cloc	Training & pruning of the temperate crops (apple/pears/peach) is recommended y Bees Provide sugar syrup near the box Add insulation and ventilation systems TOCKS Precautionary Practices to be followed neral ed for Poultry/livestock feeding k and water troughs/feeders should be regularly cleaned, Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to

			The bedding is always dry and that there is plenty.	
			Animals should be given lukewarm feed and water.	
			Right time to deworm with anti helmetic drugs (particularly	
			Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.	
Fishery			❖ To avoid water turbidity, use grass turfing or horticultural	
			crop at embankment/dyke of the earthen fish pond.	
Poultry	All stages		❖ Provide shelter to the backyard/scavenging poultry. Feed	
			grains in the morning/evening to supplement scavenging.	
			❖ Inclusion of turmeric powder @ 10g/kg feed for	
			prevention of cocciodiosis.	
Cattle	All stages	FMD	Animals should be given lukewarm feed and water.	
			Right time to deworm with anti helmetic drugs	
			(particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30	
			kg body weight.	
			Provide proper bedding materials especially to new-born and	
			lukewarm food & water	
			Provide feed supplements	
Mithun		FMD	Polyvalent FMD vaccine with serotype O, A and Asia at 6	
			months of age and repeat after that 6 months interval by sub-	
			cutaneous route.	
			❖ Pregnant animals above 7 months of pregnancy should be	
			avoided.	
Contact Scien	tists (ICAR) or St	0	For KVK staff for measures against adverse conditions or call	
	at 03795-226237/226247			

Agrometeorological Field Unit ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

No: AMFU-Basar/2018/40

Dated: Fri, 18th May, 2018

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 May 2018
Rainfall = Bomdila: 0.0; Bhalukpong: 28.4	Partly/mostly cloudy with possibility light/moderate rainfall in
mm (up to 17 th April)	most of the places. Daily maximum and minimum temperature for
	the following period is predicted to be 26-27°C and 14-15°C
	respectively. Expected morning and evening relative humidity will
	be 94-98% and 53-59% respectively. Wind direction is mainly SW
	& WSW with speed range of 2-3 kmph.
Warning:	Moderate to dense fog likely to occur at isolated places

GENERAL RECOMMENDATIONS

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

· vvai III	Warming. Spraying of DD1 in crops is remain				
DETAILS OF ADVISORIES FOR THE PERIOD					
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS					
Rice	Transplantation / leaf elongation	Stem borer	•	On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.	
			•	Cut the tips of the leaves before transplanting reduces the	

				population of stem borer as the eggs are laid on that site. It
11	Lasfalanastian			will reduce the carryover of the infestation to the main field.
Jhum rice	Leaf elongation		•	On anticipation of rain, provide proper drainage
			•	Follow proper runoff management system to avoid
				loss of top soil due to heavy rainfall.
			•	Keep the surrounding clean/ weedfree to avoid
				disease/pest harboring
Pea	Seed development	Powdery mildew/ leaf eating insects	*	Provide adequate drainage and avoid water stagnation near the base of the plants.
VEGETABLE	S	cuting insects		
Cucurbits	Vegetative		*	Cover the base of crop with locally available mulches
1			•	to avoid exposure to erosion,.
			*	Avoid water stagnation near the base of the plant
				through proper drainage
Ginger/ Turmeric	Sowing/		*	Mulching ginger beds with locally available
C	germination			leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic
				matter to the soil & conserve moisture during dry seasons.
HORTICIILT	URAL CROPS			matter to the son & conserve moisture during dry seasons.
Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree
	_ 10 011116	Jopinioru		trunk upto the height of 24 inches by brush.
			•	During clear dry days or using stickers during rain,
				spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit
				water on the tree against Phytophthora.
			•	Prepare half moon terraces for fruit crops
				(orange/banana/apple/peach) in steep slopes to prevent
D 1	F ''	E '4 E		nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly		Install fruit fly pheromone traps,
			*	Clear having
Kiwi	Flowering		*	Clean basin, Kiwi fruit vine should be covered with 50% shade net to
KIWI	Flowering		•	
A mmlo	Eleverine			protect flowers from heavy rain and hail storm. For woody aphid-Wipe the stem with cloth soaked in mineral
Apple	Flowering		•	oil.
			*	In bearing trees give a spray of Bordeaux mixture (copper
				sulphate (2Kg)+quick lime (2kg) in 200litres of water) against
				canker and other diseases.
Banana	Bunching	Cold	*	Cover newly emerged bunches with locally available sack to
	2 0	0010	·	protect from cold/frost
LIVESTOCKS				
LIVESTOCKS Livestock	Stage	Disease		 Precautionary Practices to be followed
	ı	Disease	*	 Precautionary Practices to be followed General
Livestock	Stage		•	
Livestock Damage Clean d	Stage	us contaminated)	to be div	General
Livestock Damage Clean d cleaned,	Stage	us contaminated)	to be div	General verted for Poultry/livestock feeding
Livestock Damage Clean d	Stage d grain (not fung rinking water sh	us contaminated) nould be ensured	to be div	General verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and
Livestock Damage Clean d cleaned,	Stage d grain (not fung rinking water sh	us contaminated) nould be ensured FMD (high fever and appearance of mucous	to be div	General verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials
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Livestock Damage Clean d cleaned,	Stage d grain (not fung rinking water sh	rould be ensured FMD (high fever and appearance of mucous membrane of the mouth and foot.)	to be div	General verted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.
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Livestock Damage Clean d cleaned, Pigs	Stage d grain (not fung rinking water sh	rould be ensured FMD (high fever and appearance of mucous membrane of the mouth and foot.)	to be div	reted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break-down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond. Feeding of concentrate feed along with mineral mixture
* Damage Clean d cleaned, Pigs	Stage d grain (not fungrinking water sh All stages	rould be ensured FMD (high fever and appearance of mucous membrane of the mouth and foot.)	to be div	reted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break-down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond. Feeding of concentrate feed along with mineral mixture and salt.
* Damage Clean d cleaned, Pigs	Stage d grain (not fungrinking water sh All stages	rould be ensured FMD (high fever and appearance of mucous membrane of the mouth and foot.)	to be div	reted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break-down toxins from some feeds. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond. Feeding of concentrate feed along with mineral mixture

			 grains in the morning/evening to supplement scavenging. Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultry shed during night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Heavy mortality in cloven footed animals has been reported. Supportive treatment of infected animals under supervision of veterinary department officials, Avoid mixing of infected and healthy animals, Keep infected animals separated from the healthy ones, Vaccinate the healthy animals against FMD (Through State Veterinary Dept.) Provide feed supplements
Mithun		FMD	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by subcutaneous route. Pregnant animals above 7 months of pregnancy should be avoided.
Contact Scien	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247		

Agrometeorological Field Unit ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 19th to 22nd May, 2018)

No: AMFU-Basar/2018/40

Dated: Fri, 18th May, 2018

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)







AMFU, 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 May 2018
Basar: Rainfall =18.6 mm. T. Max: 28.0°C,	Mostly cloudy with possibility of Moderate rainfall. Daily
T. Min: 16.0°C, RH: 64-93%, Wind Speed:	maximum and minimum temperature for the following period is
4-5 kmph, Wind Direction: NNE & WSW	predicted to be 30-33°C and 20-21°C respectively. Expected
	morning and evening relative humidity will be 84-87% and 53-63%
	respectively. Wind direction is mainly E & SE with speed range of
	2-3 kmph.
Warning:	• Nil

GENERAL RECOMMENDATIONS

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- Warning: Spraying of DDT in crops is lethal

• Warning. Spraying of DD1 in Crops is icular				
DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Jhum rice	Rooting/ Leaf		❖ Provide proper drainage and soil conservation measures	
	elongation		like mulching with locally available materials.	
			Keep the periphery clean	
			Avoid application of fertilizer and insecticides/pesticides	

Rice	Leaf	Stem borer	*	Rice: Weed free & clean nursery periphery to prevent
	Elongation/			disease/pest harboring.
	Tillering		*	Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in
				rice nursery as well as in main field.
Maize	Vegetative	Soybean looper	*	Avoid water stagnation in the field by making proper
				drainage
				Keep the periphery of the field clean and weed free
Pea	Seed	Powdery mildew/ leaf	*	Provide adequate drainage and avoid water stagnation
	development	eating insects		near the base of the plants.
VEGETABLE	S	Juliig Institut		
Cucurbits	Vegetative		*	Cover the base of crop with locally available mulches
				to avoid exposure to erosion,.
			*	Avoid water stagnation near the base of the plant through proper drainage
Ginger/ Turmeric	Sowing/		*	Mulching ginger beds with locally available
	germination		•	leaves/materials is advocated to enhance germination,
				prevent washing off during heavy rainfall, add organic
- 15				matter to the soil & conserve moisture during dry seasons.
French Bean	Vegetative		*	Avoid water stagnation in field by making proper
HODELCHI E	LIDAT CDODG			drainage.
HORTICULT Citrus	Flowering	Phytophthora	•	During clear dry days, apply Bordeaux paste on the tree
Citrus	Tioweinig	Thytophthora	•	trunk upto the height of 24 inches by brush.
			•	During clear dry days or using stickers during rain,
				spraying and drenching with metalaxyl MZ-72 $@$ 2.75 g/lit
				water on the tree against Phytophthora.
			•	Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent
				nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly	*	Install fruit fly pheromone traps,
				Collect and dispose off the fallen fruits.
				Clean basin,
Guava	Flowering			Avoid water logging in the basin,
Danana	Danahina		*	Basin cleaning in half moon system is advised,
Banana	Bunching		*	Denavelling (removal of male bud) & bagging of bunches advocated
Kiwi	Flowering		•	Kiwi fruit vine should be covered with 50% shade net to
TXI WI	1 10 wering		•	protect flowers from heavy rain and hail storm.
Apple	Flowering		*	For woody aphid-Wipe the stem with cloth soaked in mineral
				oil.
			*	In bearing trees give a spray of Bordeaux mixture (copper
				sulphate (2Kg)+quick lime (2kg) in 200litres of water) against
T 1	G			canker and other diseases.
Large cardamom	Sowing		*	Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation.
			*	Applications of well decomposed cattle manure/compost
				@5kg/plant during clear/dry days.
HONEY BEES	3			
Honey bees			*	Cover the boxes with locally available dry grass or straw to
LIVESTOCKS	3			provide warmt
	I	Disease		❖ Precautionary Practices to be followed
Livestock Pigs	Stage All stages	FMD (high fever		Food waste or garbage fed to swine must be cooked and
rigs	All stages	and appearance	**	sterilized properly. Cooking the different raw materials
		of mucous		together is advocated to improve digestibility and to
		membrane of the		break- down toxins from some feeds.
	ĺ	mouth and foot.)	*	Avoid dampness and cover weak and sick animals with sack
		Swine Ferror		
		Swine Fever		cloth.
		Swine Fever	*	cloth. The bedding is always dry and that there is plenty.
		Swine Fever	*	

			Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.		
Fishery			To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.		
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. Day old chick-Maintain warmth by lighting, Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis. 		
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide feed supplements 		
Mithun		FMD	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by subcutaneous route. Pregnant animals above 7 months of pregnancy should be avoided. 		
Contact Scien	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call				

at 03795-226237/226247