

Agro-met Advisory Bulletin





Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: ANJAW

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

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
No weather summary available	Mostly cloudy with possibility of moderate rainfall. Daily maximum and
	minimum temperature for the following period is predicted to be 25-26°C
	and 16-17°C respectively. Expected morning and evening relative humidity
	will be 98-100% and 65-75% respectively. Wind direction is mainly E &
	ESE with average wind speed range of 2-3 kmph.
Warning:	• Nil

GENERAL RECOMMENDATIONS

• Manual weeding recommended during dry days

- Check for schedule vaccination of livestock/poultry
- Proper drainage to all crop to avoid runoff

DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	·			
Jhum rice	Leaf		*	On anticipation of rain, provide proper drainage
	elongation/		*	Follow proper runoff management system to avoid loss of top
	tillering			soil due to heavy rainfall.
			*	Keep the surrounding clean/ weed free to avoid disease/pest
				harboring
Rice	Transplantation	Stem borer	*	Right time for transplantation
	/ leaf		*	Cut the tips of the leaves before transplanting reduces the
	elongation			population of stem borer as the eggs are laid on that site. It will
				reduce the carryover of the infestation to the main field.
Maize	Fruiting/	Rat	*	Harvest of mature cobs during clear/dry days.
	Mature		*	To protect the cobs from rat use of locally available traps is
				advised
VEGETABLES		I		
Chilli/ tomato/	Vegetative/	Leaf Curl	*	Spray imidacloprid 17.8 SL (0.003%) to the crops inside
brinjal	Flowering	D 1	•	net/green house or grown in shade
French Bean, black gram,	Vegetative/ Fruiting	Bean borer	***	Because of heavy rainfall the exposed roots portion of the plant should be earthened up,
green gram.	Truiting		*	Any type of caterpillar observed in the field may be manually
Green grunn.			•	collected and destroyed in the dusk hours in the crop field,
HORTICULTU	RAL CROPS			
Apple	Fruiting	Fruit drop /	*	Application of paradiclorobenzene at 2 meter away from the
	_	wooly aphids		trunk is advised against wooly aphids during clear/dry days
Citrus	Flowering	Fruit drop/	•	Prepare half moon terraces for fruit crops
		Phytophthora		(orange/banana/apple/peach) in steep slopes to prevent nutrient
				loss due to rain.
Large cardamom	Sowing		*	Avoid sowing under current weather condition till rain subside
LIVESTOCKS		11		
Livestock	Stage	Disease		Precautionary Practices to be followed
Pigs	All stages		*	Avoid dampness and cover weak and sick animals with sack
-	-			cloth.
Poultry	All stages		*	Provide shelter to the backyard/scavenging poultry. Feed
2				grains in the morning/evening to supplement scavenging.
Cattle	All stages	FMD	*	Deworming using antihelmintic drugs like
Cattle	i in stages			Den of mining abiling antimitation manage mite

226237/

226237/226247



Agro-met Advisory Bulletin





Dated: Tue, 19th June, 2018



Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: CHANGLANG

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

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall = Changlang: 0.0 mm Miao: 74.8 mm	Mostly cloudy with possibility of light/moderate rainfall. Daily maximum
(Up to 15 th June)	and minimum temperature for the following period is predicted to be 29-
	31°C and 21-23°C respectively. Expected morning and evening relative
	humidity will be 90-98% and 54-73% respectively. Wind direction is mainly
	E with average wind speed range of 2-4 kmph.
Warning:	• Nil

GENERAL RECOMMENDATIONS

• Manual weeding recommended during dry days

- Check for schedule vaccination of livestock/poultry
- Proper drainage to all crop to avoid runoff

DETAILS OF ADVISORIES FOR THE PERIOD		
Stage	Pest/Disease	Precautionary Practices to be followed
Leaf elongation/ tillering	Leaf blast/ leaf spot	On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Sowing		 Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Ensure seed treatment with carbendazim/Thiram @2g/kg seeds. Sowing only during clear/dry weather
Leaf Elongation/ Tillering	Stem borer	Rice: Weed free & clean field periphery to prevent disease/pest harboring.
Transplantation / leaf elongation	Stem borer	 Right time for transplantation 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.
Vegetative/ Flowering	Leaf Curl	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
Vegetative/ Fruiting	Fruit fly	 Use traps to capture adult fruit fly, Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,
AL CROPS		
All stages	Scary beetles	 Earthing up followed by fertilizer application Apply Malathion dust 5D inside the whorl of the plant, Planting of new saplings may be done in present weather
Flowering/ Seedling	Phytophthora	 Right time for seedling-follow half moon terraces with spacing of 5 meter. 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.
Flowering fruiting		 Avoid water logging in the basin, Basin cleaning in half moon system is advised,
		• Dashi cleaning in nan moon system is auvised,
Store	Disaasa	Precautionary Practices to be followed
All stages	Disease	 Avoid dampness and cover weak and sick animals with sack
All stages		 cloth. Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.
		 To avoid water turbidity, use grass turfing or horticultura crop at embankment/dyke of the earthen fish pond. Broadcast mustard Oil Cake (MOC) @5kg/day over the
	Leaf elongation/ tillering Sowing Leaf Elongation/ Tillering Transplantation / leaf elongation Vegetative/ Flowering Vegetative/ Fruiting Vegetative/ Fruiting Vegetative/ Fruiting Vegetative/ Fruiting Seedling Flowering Seedling Flowering fruiting	StagePest/DiseaseLeaf elongation/ tilleringLeaf blast/ leaf spotSowingLeaf blast/ leaf spotSowingImage: spotLeaf Elongation/ TilleringStem borerTransplantation / leaf elongationStem borerVegetative/ FloweringLeaf Curl Fruit fly Fruit flyVegetative/ FruitingFruit fly Fruit fly FruitingStageScary beetlesFlowering/ SeedlingPhytophthora ImageFlowering All stagesDiseaseAll stagesAll stages



Agro-met Advisory Bulletin

(<u>Period:</u> 20th to 24th June, 2018)

No: AMFU-Basar/2018/49



Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY

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

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall = 1.0 mm (Anini) (Up to 15^{th} June)	Mostly cloudy with possibility of moderate to rather heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 22-23°C and 16-17°C respectively. Expected morning and
	evening relative humidity will be 99% and 68-73% respectively. Wind
	direction is mainly SE & S with average wind speed range of 2-3 kmph.
Warning:	• Nil

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

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

DETAILS OF ADVISORIES FOR THE PERIOD Precautionary Practices to be followed Crop Stage **Pest/Disease** FIELD CROPS Leaf blast/ leaf Jhum rice Leaf ♦ On clear/sunny days, spray carbendazim @2g/lit water in elongation/ spot/ *jhum* field to control infestation of leaf blast & leaf spot. tillering Yellow stem Collection of egg masses (Yellow cottony mass) is advised. borer WRC-RICE Nursery ٠ Sowing of quality seeds in prepared nursery, (Mipun) Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Rice (Early Leaf elongation On anticipation of rain, provide proper drainage to the • sown) nursery/main field to avoid runoff Maize Fruiting/ Stem borer ✤ Harvest of mature cobs during clear/dry days. Mature Rat To protect the cobs from rat use of locally available traps is * advised, **VEGETABLES** Chilli/ tomato/ Vegetative/ Leaf Curl Spray imidacloprid 17.8 SL (0.003%) to the crops inside brinjal Flowering net/green house or grown in shade • Because of heavy rainfall the exposed roots portion of the plant French Bean, Vegetative/ Bean borer Fruiting black gram, should be earthened up, green gram. * Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field, HORTICULTURAL CROPS Apple Fruit drop / Fruiting Application of paradiclorobenzene at 2 meter away from the * wooly aphids trunk is advised against wooly aphids during clear/dry days Fruit drop/ Citrus Flowering Prepare half moon terraces for fruit crops Phytophthora (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain. Kiwi Kiwi fruit vine should be covered with 50% shade net to protect Flowering/ Leaf eating * fruiting beetle flowers from heavy rain and hail storm. ✤ Hand collection of the insects and its destruction, Make proper drainage facility in the crop area LIVESTOCKS Stage Livestock Disease Precautionary Practices to be followed ✤ Avoid dampness and cover weak and sick animals with sack Pigs All stages cloth. Poultry All stages ✤ Provide shelter to the backyard/scavenging poultry. Feed

			grains in the morning/evening to supplement scavenging.
Cattle	All stages	FMD	 Right time to deworm with anti helmetic drugs (particular Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Vaccinate the healthy animals against FMD (Through St
			Veterinary Dept.)
Mithun		FMD	Polyvalent FMD vaccine with serotype O, A and Asia a months of age and repeat after that 6 months interval by s cutaneous route.
			 Pregnant animals above 7 months of pregnancy should avoided.
Contact Scien	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: 20th to 24th June, 2018) No: AMFU-Basar/2018/49

Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: EAST KAMENG

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall = 51.0 mm (Up to 15^{th} June)	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 19-21°C respectively. Expected morning and
	evening relative humidity will be 96-99% and 64-72% respectively. Wind
	direction is mainly ESE with average wind speed range of 2 kmph.
Warning:	• Nil

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

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Kharif Maize	Sowing		 Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM- 9 etc from certified agency Ensure seed treatment with carbendazim/Thiram @2g/kg seeds. Sowing may be done during dry days
Rice	Transplantation / leaf elongation	Stem borer	 Right time for transplantation 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.
VEGETABLES			
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	 Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
Cucurbits	Flowering/ Fruiting	Leaf eating insects	 Monitor for possible attack of insect/pests During clear dry days or using stickers, foliar spray of Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects. Cover the base of crop with locally available mulches to avoid exposure to erosion,
HORTICULTU	RAL CROPS		
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.
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.
Large Cardamom	Vegetative/ flowering stage		 Provide proper drainage to avoid water stagnation in the base of the plants.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack cloth.
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.
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.
Contact Scient	tists (ICAR) or St	ate Agril Staff or	KVK staff for measures against adverse conditions or call at 03795- 226237/226247



Agro-met Advisory Bulletin





Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: EAST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
	Mostly cloudy with possibility of moderate to rather heavy rainfall.
24.0°C ; RH: 82-96% (Up to 15 th June)	Daily maximum and minimum temperature for the following period is
	predicted to be 28-32°C and 23-25°C respectively. Expected morning and
	evening relative humidity will be 95-98% and 70-91% respectively. Wind
	direction is mainly NE & ENE with average wind speed range of 2 kmph.
Warning:	• Nil

CENER	AL RECOMMEN	NDATIONS	
	cipation of heavy		
	all spray operati		
-		anure applications	
-	·	op to avoid runoff	
• 110per (in annage to an cro		OVISORIES FOR THE PERIOD
Cron	Staga	Pest/Disease	Precautionary Practices to be followed
Crop FIELD CROPS	Stage	Pest/Disease	Precautionary Practices to be followed
<i>Jhum</i> rice	Leaf	Leaf blast/ leaf	✤ On clear/sunny days, spray carbendazim @2g/lit water in
shum nee	elongation/	spot/	<i>jhum</i> field to control infestation of leaf blast & leaf spot.
	tillering	Yellow stem	· · ·
	untering	borer	 Collection of egg masses (Yellow cottony mass) is advised.
Kharif Maize	Sowing		Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek
			QPM-9 etc from certified agency
			Ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
WRC-RICE	Nursery		Sowing of quality seeds in prepared nursery
(Normal sown)			Recommended varieties: Amham, Vandana, RCM-7,10,11,
			CAUR-1, Ranjit
			 Before sowing, treat seeds with solution of Carbandazim 50W
			@ 1 grams in one litre of water per kilogram of seeds.
Rice	Transplantation		• On anticipation of rain, provide proper drainage to th
	/ leaf		nursery/main field to avoid runoff
	elongation		
Maize	Fruiting/	Stem borer	 Harvest of mature cobs during clear/dry days.
	Mature	Rat	To protect the cobs from rat use of locally available traps is
			advised,
VEGETABLES	·		
Chilli/ tomato/	Vegetative/	Leaf Curl	Spray imidacloprid 17.8 SL (0.003%) to the crops inside
brinjal	Flowering		net/green house or grown in shade
Sponge, bitter,	Vegetative/	Fruit fly	 Use traps to capture adult fruit fly,
ash & ridge gourd, pumpkin,	Fruiting		Provide support to the plants to climb, as high intensity rainfall at this store will demoge the plant
cucumber			at this stage will damage the plant,
HORTICULTU	RAL CROPS		
Apple	Fruiting	Fruit drop /	Application of paradiclorobenzene at 2 meter away from the
		wooly aphids	trunk is advised against wooly aphids during clear/dry days
Guava	Flowering		Avoid water logging in the basin,
	1.10.1011115		 Basin cleaning in half moon system is advised,
Citrus	Flowering	Fruit drop/	
	1.10.1011115	Phytophthora	 Prepare half moon terraces for fruit crop (orange/banana/apple/peach) in steep slopes to prevent nutrier
			loss due to rain.
Banana	All stages	Scary beetles	 Earthing up followed by fertilizer application
	in stuges	2000 000000	 Apply Malathion dust 5D inside the whorl of the plant,
			· · · · · · · · · · · · · · · · · · ·

Appry Matanion dust of marce in Planting of new saplings may be done in present weather

LIVESTOCKS

Livestock	Stage	Disease	 Precautionary Practices to be followed
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack
			cloth.
Fishery			* Broadcast mustard Oil Cake (MOC) @5kg/day over the
			pond twice daily to feed fish fingerlings.
Poultry	All stages		Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.
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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No: AMFU-Basar/2018/49

Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: KURUNG KUMEY

{Koloriang: Latitude: 27.9167°/Longitude: 93.3500°/Altitude: 1040 masl}

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall (Koloriang): 103.6 mm	Mostly cloudy with possibility of rather heavy rainfall. Daily maximum
	and minimum temperature for the following period is predicted to be 22-
	23°C and 15-17°C respectively. Expected morning and evening relative
	humidity will be 92-95% and 70-76% respectively. Wind direction is mainly
	E & ESE with average wind speed range of 3 kmph.
Warning:	• Nil

	RAL RECOMMEN			
On anti	cipation of heavy	rainfall:		
Suspen	d all spray operati	ons		
Do not	go for fertilizer/ma	anure applications	5	
Proper	drainage to all cro	p to avoid runoff		
		DETAILS OF A	DVISC	PRIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS		· ·		
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot/ Yellow stem borer		On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control infestation of leaf blast & leaf spot. Collection of egg masses (Yellow cottony mass) is advised.
Rice	Transplantation / leaf elongation	Stem borer	*	Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Fruiting/ Mature	Stem borer Rat	* *	Harvest of mature cobs during clear/dry days. To protect the cobs from rat use of locally available traps is advised,
VEGETABLES	5			
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	*	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
Cucurbits	Flowering/ Fruiting	Leaf eating insects		During clear dry days or using stickers, foliar spray of Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects. Cover the base of crop with locally available mulches to avoid exposure to erosion,.
HORTICULTU	JRAL CROPS			
Apple	Fruiting	Fruit drop / wooly aphids	*	Application of paradiclorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days
Peach	Fruit maturing	Fruit Fly	* * *	Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin,
Citrus	Flowering	Fruit drop/ Phytophthora	*	Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
Pigs	All stages		*	Avoid dampness and cover weak and sick animals with sack cloth.
Poultry	All stages		*	Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.



Agro-met Advisory Bulletin





Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: LOHIT

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall: NA	Mostly cloudy with possibility of moderate to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27-29°C and 20-22°C respectively. Expected morning and evening
	relative humidity will be 96-99% and 66-79% respectively. Wind direction
	is mainly variable with average wind speed range of 2-3 kmph.
Warning:	• Nil

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

		DETAILS OF A	
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS		-	
Kharif Maize	Sowing		 Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM
			9 etc from certified agency
			 Hold sowing till heavy rain subside
Jhum rice	Leaf	Leaf blast/ leaf	• On clear/sunny days, spray carbendazim @2g/lit water in <i>jhu</i>
	elongation/ tillering	spot	field to control heavy infestation of leaf blast & leaf spot.
Rice	Leaf	Stem borer	✤ Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer i
	Elongation/ Tillering		rice nursery as well as in main field.
WRC-RICE	Nursery		Sowing of quality seeds in prepared nursery
(Normal sown)			Recommended varieties: Amham, Vandana, RCM-7,10,11,
			CAUR-1, Ranjit
			 Before sowing, treat seeds with solution of Carbandazim 50W
			@ 1 grams in one litre of water per kilogram of seeds.
Maize	Pod formation	Soybean looper	 Provide proper drainage
			Spray Azadirachtin 0.15% EC 2@ 6ml/lit
			 Monitor the crop against attack of insect pests,
Pea	Seed	Powdery	♦ Need based foliar spray of Dinocap (0.2%) or Carbendazin
	development	mildew/ leaf	50WP (0.1%) or Propiconazole (0.1%) using sticker if the
	ľ	eating insects	infestation is high.
VEGETABLES			
Chilli/ tomato/	Vegetative/	Leaf Curl	Spray imidacloprid 17.8 SL (0.003%) to the crops inside
brinjal	Flowering	Lear Curr	• Spray initiaciopita 17.8 SE (0.005%) to the crops inside net/green house or grown in shade
Sponge, bitter,	Vegetative/	Fruit fly	 Use traps to capture adult fruit fly,
ash & ridge	Fruiting	i rait iiy	 Provide support to the plants to climb, as high intensity rainfall
gourd, pumpkin,	8		at this stage will damage the plant,
cucumber			
HORTICULTU	RAL CROPS	·	
Guava	Flowering		 Avoid water logging in the basin,
			 Basin cleaning in half moon system is advised,
Ginger/ Turmeric	Vegetative		 Proper drainage to avoid water stagnation
Citrus	Flowering/ Seedling	Phytophthora	• Right time for seedling-follow half moon terraces wit
	Securing		spacing of 5 meter.
			 During clear dry days or using stickers during rain, spraying an drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tre against Phytophthora.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack cloth.
Fishery			 To avoid water turbidity, use grass turfing or horticultura
1 1511CI y			crop at embankment/dyke of the earthen fish pond.
Dava14	A 11 at a	<u> </u>	
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Fee grains in the morning/evening to supplement scavenging.
Contact Scient	<mark>ists (ICAR) or S</mark>	tate Agril Staff or H	KVK staff for measures against adverse conditions or call at 03795-



Agro-met Advisory Bulletin (Period: 20th to 24th June, 2018)

No: AMFU-Basar/2018/49



Dated: Tue, 19th June, 2018



Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018		
Rainfall (Roing): 11.2 mm (Up to 15 th June)	Mostly cloudy with possibility of moderate to heavy rainfall. Daily		
	maximum and minimum temperature for the following period is predicted to		
	be 26-28°C and 19-21°C respectively. Expected morning and evening		
	relative humidity will be 98-100% and 80-89% respectively. Wind direction		
	is mainly E with average wind speed range of 2-3 kmph.		
Warning:	• Nil		

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

DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
WRC-RICE (Normal sown)	Nursery		 Sowing of quality seeds in prepared nursery Recommended varieties: Amham, Vandana, RCM-7,10,11, CAUR-1, Ranjit Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.
Kharif Maize	Sowing		 Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Hold sowing till heavy rainfall subside
Rice	Leaf Elongation/ Tillering	Stem borer	• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Jhum rice	Rooting/ Leaf elongation	Leaf blast/ leaf spot	• On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Maize	Pod formation	Soybean looper	Spray Azadirachtin 0.15% EC 2@ 6ml/lit during clear/dry days
VEGETABLES			
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
Sponge, bitter, ash & ridge gourd, pumpkin, cucumber	Vegetative/ Fruiting	Fruit fly	 Use traps to capture adult fruit fly, Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,
French Bean, black gram, green gram.	Vegetative/ Fruiting	Bean borer	 Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,
HORTICULTU	1		
Banana	All stages	Scary beetles	 Earthing up followed by fertilizer application Apply Malathion dust 5D inside the whorl of the plant, Planting of new saplings may be done in present weather
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 @5kg/plant during clear/dry days.

Livestock	Stage	Disease	 Precautionary Practices to be followed 		
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack 		
			cloth.		
Poultry	All stages		 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.		
Contact Scien	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

No: AMFU-Basar/2018/49



(Period: 20th to 24th June, 2018) Dated: Tue, 19th June, 2018



Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018		
NA	Mostly cloudy with possibility of moderate to heavy rainfall. Daily		
	maximum and minimum temperature for the following period is predicted to		
	be 27-29°C and 20-22°C respectively. Expected morning and evening		
	relative humidity will be 96-97% and 68-72% respectively. Wind direction		
	is mainly SE & SSE with average wind speed range of 2 kmph.		
Warning:	• Nil		

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

	DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
WRC-RICE (Mipun)	Nursery		 Sowing of quality seeds in prepared nursery, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. 	
Jhum rice	Leaf elongation	Leaf blast/ leaf spot/ Yellow stem borer	 On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control infestation of leaf blast & leaf spot. Collection of egg masses (Yellow cottony mass) is advised. 	
Rice	Transplantation / leaf elongation	Stem borer	 Right time for transplantation Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field. 	
Maize	Fruiting/ Mature	Stem borer Rat	 Harvest of mature cobs during clear/dry days. To protect the cobs from rat use of locally available traps is advised, 	
VEGETABLES	5			
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	 Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade 	
French Bean, black gram, green gram.	Vegetative/ Fruiting	Bean borer	 Because of heavy rainfall the exposed roots portion of the plant should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field, 	
HORTICULTU	TRAL CROPS		concered and desiroyed in the dusk hours in the crop held,	
Apple	Fruiting	Fruit drop / wooly aphids	Application of paradiclorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days	
Kiwi	Flowering/fruitin g	Leaf eating beetle	 Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm. Hand collection of the insects and its destruction, Make proper drainage facility in the crop area 	
Citrus	Flowering	Fruit drop/ Phytophthora	Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.	
LIVESTOCKS				
Livestock	Stage	Disease	 Precautionary Practices to be followed 	
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack cloth. 	
Poultry	All stages		Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.	
Cattle	All stages	FMD	 Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. 	
Contact Scier	ntists (ICAR) or St	ate Agril Staff or	KVK staff for measures against adverse conditions or call at 03795- 226237/226247	



Agro-met Advisory Bulletin

No: AMFU-Basar/2018/49



(Period: 20th to 24th June, 2018) Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: PAPUM PARE

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall: 139.9 mm; T. Max: 35.0°C; T. Min:	Mostly cloudy with possibility of rather heavy to heavy rainfall. Daily
23.0°C ; RH: 65-98% (Up to 15 th June)	maximum and minimum temperature for the following period is predicted to
	be 29-31°C and 21-23°C respectively. Expected morning and evening
	relative humidity will be 97-100% and 74-89% respectively. Wind direction
	is mainly ESE & ENE with average wind speed range of 2-3 kmph.
Warning:	• Nil

GENER	AL RECOMME	NDATIONS	
	ipation of heavy		
Suspend	all spray operati	ions	
• Do not g	o for fertilizer/m	anure applications	
		op to avoid runoff	
		DETAILS OF A	DVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
WRC-RICE (Normal sown)	Nursery		 Sowing of quality seeds in prepared nursery Recommended varieties: Amham, Vandana, RCM-7,10,11, CAUR-1, Ranjit Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.
Kharif Maize	Sowing		 Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Avoid sowing in current weather till heavy rainfall subside
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	• On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Rice (Early sown)	Leaf Elongation/ Tillering	Stem borer	• During clear/dry weather or using proper sticker, spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES		<u> </u>	
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
Sponge, bitter, ash & ridge gourd, pumpkin, cucumber	Vegetative/ Fruiting	Fruit fly	 Use traps to capture adult fruit fly, Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,
French Bean, black gram, green gram.	Vegetative/ Fruiting	Bean borer	 Because of heavy rainfall the exposed roots portion of the plant should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,
HORTICULTU	RAL CROPS	· · · · · · · · · · · · · · · · · · ·	
Banana	All stages	Scary beetles	 Earthing up followed by fertilizer application Apply Malathion dust 5D inside the whorl of the plant, Planting of new saplings may be done in present weather
Citrus Guava	Flowering/ Seedling Flowering	Phytophthora	 Right time for seedling-follow half moon terraces with spacing of 5 meter. 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. Avoid water logging in the basin,
Juava	riowering		• mont water logging in the basin,

Basin cleaning in half moon system is advised,

LI	/ESTO	CKS

Livestock	Stage	Disease		 Precautionary Practices to be followed
Pigs	All stages		*	Avoid dampness and cover weak and sick animals with sack
				cloth.
Poultry	All stages		*	Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.
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: 20th to 24th June, 2018)

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Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: TAWANG

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall: NA	Mostly cloudy with possibility of moderate to rather heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 16-17°C and 07-08°C respectively. Expected morning and
	evening relative humidity will be 84-90% and 58-61% respectively. Wind
	direction is mainly SW & NNW with average wind speed range of 2-4
	kmph.
Warning:	• Nil

	RAL RECOMME		
	d all spray operati		
_	go for fertilizer/ma		s
	drainage to all cro		
			ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	5	· · · · · ·	
Jhum rice	Leaf	Leaf blast/ leaf	• On clear/sunny days, spray carbendazim @2g/lit water in
	elongation/	spot/	<i>jhum</i> field to control infestation of leaf blast & leaf spot.
	tillering	Yellow stem borer	Collection of egg masses (Yellow cottony mass) is advised.
Rice	Transplantation	Stem borer	 Right time for transplantation
	/ leaf		✤ Cut the tips of the leaves before transplanting reduces the
	elongation		population of stem borer as the eggs are laid on that site. It will
			reduce the carryover of the infestation to the main field.
Maize	Fruiting/	Stem borer	Harvest of mature cobs during clear/dry days.
	Mature	Rat	To protect the cobs from rat use of locally available traps is
			advised,
VEGETABLES	5		
Chilli/ tomato/	Vegetative/	Leaf Curl	Spray imidacloprid 17.8 SL (0.003%) to the crops inside
brinjal	Flowering		net/green house or grown in shade
French Bean,	Vegetative/	Bean borer	 Because of heavy rainfall the exposed roots portion of the plant
black gram,	Fruiting		should be earthened up,
green gram.			Any type of caterpillar observed in the field may be manually
HORTICULTU			collected and destroyed in the dusk hours in the crop field,
		Fruit drop /	 Application of paradiclorobenzene at 2 meter away from the
Apple	Fruiting	wooly aphids	trunk is advised against wooly aphids during clear/dry days
Kiwi	Flowering	Leaf eating	 Kiwi fruit vine should be covered with 50% shade net to protect
		beetle	flowers from heavy rain and hail storm.
			 Hand collection of the insects and its destruction,
			Make proper drainage facility in the crop area
Peach	Fruit maturing	Fruit Fly	 Install fruit fly pheromone traps,
			 Collect and dispose off the fallen fruits.
			 Clean basin,
Citrus	Flowering	Fruit drop/	• Prepare half moon terraces for fruit crops
		Phytophthora	(orange/banana/apple/peach) in steep slopes to prevent nutrient
			loss due to rain.
LIVESTOCKS			
Livestock	Stage	Disease	 Precautionary Practices to be followed
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack cloth.
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.
Yak	All stages		 Feeding of concentrate feed along with mineral mixture and salt. Hay feeding is recommended.
Contact Scier	ntists (ICAR) or St	tate Agril Staff or	KVK staff for measures against adverse conditions or call at 03795- 226237/226247



Agro-met Advisory Bulletin (Period: 20th to 24th June, 2018)





Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: TIRAP

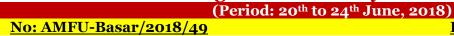
Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall: NA	Mostly cloudy with possibility of moderate rainfall. Daily maximum and
	minimum temperature for the following period is predicted to be 29-31°C
	and 21-23°C respectively. Expected morning and evening relative humidity
	will be 99-100% and 56-84% respectively. Wind direction is mainly variable
	with average wind speed range of 2 kmph.
Warning:	• Nil

- Manual weeding recommended during dry days
- Check for schedule vaccination of livestock/poultry
- Proper drainage to all crop to avoid runoff

~ ·	~		
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS		1	
WRC-RICE	Nursery		Sowing of quality seeds in prepared nursery
(Normal sown)			Recommended varieties: Amham, Vandana, RCM-7,10,11,
			CAUR-1, Ranjit
			 Before sowing, treat seeds with solution of Carbandazim 50WP
			@ 1 grams in one litre of water per kilogram of seeds.
Kharif Maize	Sowing		Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek
			QPM-9 etc from certified agency
<u></u>			 Avoid sowing under current weather till rainfall subside
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	Pod formation	Soybean looper	Provide proper drainage
			Spray Azadirachtin 0.15% EC 2@ 6ml/lit
Jhum rice	Leaf	Leaf blast/ leaf	✤ On clear/sunny days, spray carbendazim @2g/lit water in
	elongation/	spot/	<i>jhum</i> field to control infestation of leaf blast & leaf spot.
	tillering	Yellow stem	 Collection of egg masses (Yellow cottony mass) is advised.
	-	borer	
VEGETABLES		-	
Chilli/ tomato/	Vegetative/	Leaf Curl	Spray imidacloprid 17.8 SL (0.003%) to the crops inside
brinjal	Flowering		net/green house or grown in shade
French Bean,	Vegetative/	Bean borer	 Because of heavy rainfall the exposed roots portion of the plant
black gram,	Fruiting		should be earthened up,
green gram.			Any type of caterpillar observed in the field may be manually
C			collected and destroyed in the dusk hours in the crop field,
Sponge, bitter, ash & ridge	Vegetative/ Fruiting	Fruit fly	 Use traps to capture adult fruit fly, Provide support to the plants to climb, as high intensity rainfall
gourd, pumpkin,	Futting		Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,
cucumber			at this stage will damage the plant,
HORTICULTU	RAL CROPS		
Citrus	Flowering/	Phytophthora	• Right time for seedling-follow half moon terraces with
	Seedling	5 1	spacing of 5 meter.
	C C		 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.
Banana	All stages	Scary beetles	 Earthing up followed by fertilizer application
	8		 Apply Malathion dust 5D inside the whorl of the plant,
Guava	Flowering		 Avoid water logging in the basin,
	8		 Basin cleaning in half moon system is advised,
LIVESTOCKS			• Dashi cleaning in nan moon system is advised,
Livestock	Stage	Disease	 Precautionary Practices to be followed
	8	Distast	
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack
			cloth.
	All stages		✤ Provide shelter to the backyard/scavenging poultry. Feed
Poultry	υ		grains in the morning/evening to supplement scavenging.



Agro-met Advisory Bulletin





Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: UPPER SIANG

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall: NA	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 16-17°C respectively. Expected morning and
	evening relative humidity will be 95-96% and 74-78% respectively. Wind
	direction is mainly SE & SSE with average wind speed range of 2-3 kmph.
Warning:	• Nil

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

~	C:	DETAILS OF A		
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Maize	Fruiting/	Rat	*	Harvest of mature cobs during clear/dry days.
	Mature		*	To protect the cobs from rat use of locally available traps is
				advised,
WRC-RICE	Nursery		*	Sowing of quality seeds in prepared nursery,
(Mipun)			*	Before sowing, treat seeds with solution of Carbandazim 50WI
				@ 1 grams in one litre of water per kilogram of seeds.
Rice (Normal	Leaf elongation	Stem borer	•	On anticipation of rain, provide proper drainage to the
sown)	8			nursery/main field to avoid runoff
-	I f 1	L f 1-1 (/ 1 f		
Jhum rice	Leaf elongation	Leaf blast/ leaf	•	On clear/sunny days, spray carbendazim @2g/lit water in jhun
		spot/		field to control infestation of leaf blast & leaf spot.
		Yellow stem		
		borer		
VEGETABLES				
Chilli/ tomato/	Vegetative/	Leaf Curl	*	Spray imidacloprid 17.8 SL (0.003%) to the crops inside
brinjal	Flowering			net/green house or grown in shade
French Bean,	Vegetative/	Bean borer	*	Because of heavy rainfall the exposed roots portion of the plant
black gram,	Fruiting			should be earthened up,
green gram.			*	Any type of caterpillar observed in the field may be manually
				collected and destroyed in the dusk hours in the crop field,
HORTICULTU	RAL CROPS			
Apple	Fruiting	Fruit drop /	*	Application of paradiclorobenzene at 2 meter away from the
		wooly aphids		trunk is advised against wooly aphids during clear/dry days
Citrus	Flowering	Fruit drop/	•	Prepare half moon terraces for fruit crops
	0	Phytophthora	-	(orange/banana/apple/peach) in steep slopes to prevent nutrient
		J		loss due to rain.
Peach	Fruit maturing	Fruit Fly	*	Install fruit fly pheromone traps,
reach	I fuit maturing	I full I fy	*	Collect and dispose off the fallen fruits.
V::	F 1	Lasfastina		Clean basin,
Kiwi	Flowering	Leaf eating	*	Kiwi fruit vine should be covered with 50% shade net to protect
		beetle		flowers from heavy rain and hail storm.
			*	Hand collection of the insects and its destruction,
Large cardamom	Germination/veg		*	Provide proper drainage and avoid stagnation of water
C	etative			
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
	5	Discase	.•.	•
Pigs	All stages		*	Avoid dampness and cover weak and sick animals with sack
				cloth.
Poultry	All stages		*	Provide shelter to the backyard/scavenging poultry. Feed grains
				in the morning/evening to supplement scavenging.
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.
				aff for measures against adverse conditions or call at 03795-



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Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Daporijo: NA	Mostly cloudy with possibility of moderate to rather heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 27-29°C and 20-22°C respectively. Expected morning and
	evening relative humidity will be 94-96% and 68-80% respectively. Wind
	direction is mainly ESE & SE with average wind speed range of 2-3 kmph.
Warning:	• Nil

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

DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	5		
WRC-RICE (Mipun)	Nursery		 Sowing of quality seeds in prepared nursery, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.
Kharif Maize	Sowing		 Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Avoid sowing till rain subside
Toria/ Mustard	Harvesting	Aphids	If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	• On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Rice (early sown)	Transplantation / leaf elongation	Stem borer	 Complete transplantations 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.
VEGETABLES	5	I	
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	 Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
Cucurbits	Flowering/ Fruiting	Leaf eating insects	 Monitor for possible attack of insect/pests During clear dry days or using stickers, foliar spray of Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects. Cover the base of crop with locally available mulches to avoid exposure to erosion,.
HORTICULTU	JRAL CROPS		
Apple	Fruiting	Fruit drop / wooly aphids	Application of paradiclorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days
Citrus	Flowering	Fruit drop/ 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,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
		l	

Pigs	All stages	*	• Avoid dampness and cover weak and sick animals with sack cloth.
Poultry	All stages	*	• Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.
Contact Scien	tists (ICAR) or St	0	staff for measures against adverse conditions or call at 03795- 37/226247



Agro-met Advisory Bulletin (Period: 20th to 24th June, 2018)

No: AMFU-Basar/2018/49



Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall = Bomdila: NA ; Bhalukpong: 102.9	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
mm; Kalaktang: 38.0 mm (Up to 15 th June)	maximum and minimum temperature for the following period is predicted to
	be 24-25°C and 16-17°C respectively. Expected morning and evening
	relative humidity will be 97-99% and 68-78% respectively. Wind direction
	is mainly S & SW with average wind speed range of 2 kmph.
Warning:	• Nil

On anti	RAL RECOMMEN icipation of heavy d all spray operati	rainfall:		
• Do not	go for fertilizer/ma	anure applications	;	
Proper	drainage to all cro	p to avoid runoff		
		DETAILS OF A	DVISC	DRIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	5			
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot/ Yellow stem borer	* *	On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control infestation of leaf blast & leaf spot. Collection of egg masses (Yellow cottony mass) is advised.
Rice	Transplantation / leaf elongation	Stem borer	* *	Right time for transplantation Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Fruiting/ Mature	Stem borer Rat	* *	Harvest of mature cobs during clear/dry days. To protect the cobs from rat use of locally available traps is advised,
VEGETABLES	5			
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	*	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
Cucurbits	Flowering/ Fruiting	Leaf eating insects	*	Monitor for possible attack of insect/pests During clear dry days or using stickers, foliar spray of Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects. Cover the base of crop with locally available mulches to avoid exposure to erosion,.
HORTICULTU	URAL CROPS			
Apple	Fruiting	Fruit drop / wooly aphids	*	Application of paradiclorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days
Citrus	Flowering	Fruit drop/ 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,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack cloth.
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.
Yak	All stages		 Feeding of concentrate feed along with mineral mixture and salt. Hay feeding is recommended.
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	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: 20th to 24th June, 2018)

No: AMFU-Basar/2018/49



Dated: Tue, 19th June, 2018



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

ADVISORY FOR DISTRICT: WEST SIANG

{Basar: Latitude: 27°59.53/Longitude: 94.41.269/Altitude: 616 amsl}

Weather summery of the previous week	Weather forecast valid up to 24 th June 2018
Rainfall: 63.6 mm, Max. T: 28.0°C, Min. T: 19.7°C, Wind Speed: 3-6 km/h, RH: 70-92%, Wind Direction: WS & WNW	Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 27-29°C and 20-22°C respectively. Expected morning and evening relative humidity will be 92-95% and 67-78% respectively. Wind direction is mainly E & SE with average wind speed range of 2-3 kmph.
Warning:	• Nil

GENER	AL RECOMME	NDATIONS						
	cipation of heavy							
	-							
Suspend all spray operations Do not go for fertilizer/manure applications								
Proper drainage to all crop to avoid runoff DETAILS OF ADVISORIES FOR THE PERIOD								
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed					
FIELD CROPS		i cou Diocuse	Treedetes to be followed					
Kharif Maize	Sowing		 Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM- 9 etc from certified agency Avoid sowing under current weather condition till rain subside 					
WRC-RICE	Nursery		 Sowing of quality seeds in prepared nursery 					
(Normal sown)			 Recommended varieties: Amham, Vandana, RCM-7,10,11, CAUR-1, Ranjit Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. 					
Kharif Maize	Sowing		 Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Ensure seed treatment with carbendazim/Thiram @2g/kg seeds. Avoid sowing during rain 					
Rice (Early sown)	Leaf Elongation/ Tillering	Stem borer	Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.					
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot. 					
VEGETABLES								
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	 Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade Because of heavy rainfall the exposed roots portion of the plant 					
French Bean, black gram, green gram.	Vegetative/ Fruiting	Bean borer	 Because of heavy rainfall the exposed roots portion of the plant should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field, 					
Sponge, bitter, ash & ridge gourd, pumpkin, cucumber	Vegetative/ Fruiting	Fruit fly	 Use traps to capture adult fruit fly, Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant, 					
HORTICULTU	RAL CROPS							
Apple	Fruiting	Fruit drop / wooly aphids	 Application of paradiclorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days 					
Citrus	Flowering	Fruit drop/ Phytophthora	• Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.					
			• A 1 1 1 1 1 1 1 1					

Guava	Flowering		**	Avoid water logging in the basin,		
Kiwi	Flowering	Leaf eating	*	Hand collection of the insects and its destruction,		
		beetle	*	Make proper drainage facility in the crop area		
LIVESTOCKS						
Livestock	Stage	Disease		Precautionary Practices to be followed		
Pigs	All stages		*	Avoid dampness and cover weak and sick animals with sack		
				cloth.		
Poultry	All stages			Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.		
Fishery			*	To avoid water turbidity, use grass turfing or horticultural crop		
				at embankment/dyke of the earthen fish pond.		
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247						