

**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

#### No: AMFU-Basar/2018/64

Dated: Fri, 10<sup>th</sup> August, 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 15 <sup>th</sup> August 2018
No weather summary available	Mostly cloudy with possibility of heavy to very heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27-28°C and 17-18°C respectively. Expected morning and evening
	relative humidity will be 98-99% and 65-72% respectively. Wind direction
	is mainly variable with average wind speed range of 2-4 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018

#### 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 Pest/Disease Precautionary Practices to be followed** Crop Stage **FIELD CROPS** Rice (*Jhum*) Grain filling Yellow stem ✤ Make structures to avoid runoff in the slope, stage borer Install yellow stem borer pheromone traps to monitor the adults, Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high. Rice (WRC) Transplanting/ Gundhi bug/ ٠. Do not delay weeding in WRC in order to enhance tillering Active tillering stem borer/ gall and growth for higher yield & to ward off the alternate host midge/ hoppers of gundhi bug. Install YSB specific pheromone traps • Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them. • If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. Cob borer Collect the adult insects by installing light traps. Maize Harvesting ✤ Harvest mature crops immediately during clear/dry days Soybean Vegetative Stage wise harvesting of black/green gram \*\* Black/green Harvesting \* Light interculture operations is advised, gram VEGETABLES Chilli Mature Light interculture operations, Cauliflower Nursery \* Nursery preparation for early cruciferous crops may be done in /Cabbage Preparation raised bed (Preferable in shaded area). HORTICULTU RAL CROPS Removal of water shoots. Citrus Fruiting stage Trunk borer ••• ✤ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard. ∻ To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area, Fruit orchards All stages • Weeding and basin cleaning to be done in all fruit orchards LIVESTOCKS Livestock Stage Disease **Precautionary Practices to be followed** Pigs Swine Fever Pig shed/stay should keep dry and avoid dampness, All stages ✤ Avoid stagnant water near the shed, \* Vaccinate of healthy pigs with swine fever vaccine, \* Avoid contact with disease pigs, \* Quarantine new purchase piglets/pigs for atleast 1 month, Cattle FMD \* Vaccination of animal for FMD, All stages 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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Gramin Krishi Mausam Sewa

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

# ADVISORRY FOR DISTRICT: CHANGLANG<br/>(Changlang (HQ): Latitude: 27.1305856/Longitude: 95.7342373/Altitude: 580 masl)Weather summery of the previous weekWeather forecast valid up to 15<sup>th</sup> August 2018Rainfall = Changlang: NA Miao: 3.6 mmPartly/Mostly cloudy with possibility of moderate to heavy rainfall.<br/>Daily maximum and minimum temperature for the following period is<br/>predicted to be 31-35°C and 25-26°C respectively. Expected morning and<br/>evening relative humidity will be 99-100% and 72-90% respectively. Wind<br/>direction is mainly ESE & S with average wind speed range of 2-3 kmph.Warning:• Heavy rain is likely to occure at isolated places over<br/>Arunachal Pradesh on 10th ,11th, 12th August 2018

On antic • Suspend • Do not g		rainfall: ons anure applications p to avoid runoff DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (Jhum)	Grain filling stage	Yellow stem borer	<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high,</li> </ul>
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul> <li>Do not delay weeding in WRC in order to enhance tillering and growth for higher yield &amp; to ward off the alternate host of gundhi bug.</li> <li>Install YSB specific pheromone traps</li> <li>Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.</li> <li>If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK.</li> </ul>
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>
Soybean	Vegetative		<ul> <li>Harvest mature crops immediately during clear/dry days</li> <li>Stage wise harvesting of black/green gram</li> </ul>
Black/green gram	Harvesting		<ul> <li>Light interculture operations is advised,</li> </ul>
VEGETABLES	S		
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>
Cauliflower /Cabbage	Nursery Preparation		<ul> <li>Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area),</li> </ul>
HORTICULTU	URAL CROPS		
Citrus	Fruiting stage	Trunk borer	<ul> <li>Removal of water shoots,</li> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,</li> <li>To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,</li> </ul>
Fruit orchards	All stages		• Weeding and basin cleaning to be done in all fruit orchards

Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	Pig shed/stay should keep dry and avoid dampness,
			<ul> <li>Avoid stagnant water near the shed,</li> </ul>
			<ul> <li>Vaccinate of healthy pigs with swine fever vaccine,</li> </ul>
			<ul> <li>Avoid contact with disease pigs,</li> </ul>
			<ul> <li>Quarantine new purchase piglets/pigs for atleast 1 month,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal for FMD,</li> </ul>





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Gramin Krishi Mausam Sewa

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

## **ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY**

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

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> August 2018
Rainfall = 0.0 mm (Anini)	Partly/Mostly cloudy with possibility of moderate to heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 27-28°C and 17-18°C respectively. Expected morning and
	evening relative humidity will be 96-97% and 63-75% respectively. Wind
	direction is mainly SE & ESE with average wind speed range of 2-3 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal
	Pradesh on 10th ,11th, 12th August 2018

#### **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** Crop Stage **Pest/Disease Precautionary Practices to be followed FIELD CROPS** Rice (WRC) Transplanting/ Gundhi bug/ Do not delay weeding in WRC in order to enhance tillering Active tillering stem borer/ gall and growth for higher yield & to ward off the alternate host midge/ hoppers of gundhi bug. Install YSB specific pheromone traps • Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them. ✤ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. Cob borer \* Maize Harvesting Collect the adult insects by installing light traps. \* Harvest mature crops immediately during clear/dry days Vegetative Soybean \* Stage wise harvesting of black/green gram Black/green Harvesting \* If infestation level is high, spraying of 0.01 % of gram Imidacloprid 17SL on a clear day is advised. Vegetative Sesamum \*\* Light interculture operations is advised, VEGETABLES Chilli Mature Light interculture operations,

Cauliflower	Nursery		<ul> <li>Nursery preparation for early cruciferous crops may be done in</li> </ul>
/Cabbage	Preparation		raised bed (Preferable in shaded area),
HORTICULT	URAL CROPS		
Banana	All stages		<ul> <li>Removal of dried leaves,</li> </ul>
			In crops infested with Sigatoka leaf spots, spraying of 0.1%
			Propiconazol (e.g. Tilt) by adding a wetting agent,
			<ul> <li>Periodical removal of side suckers by cutting above the ground</li> </ul>
			level
			<ul><li>✤ Basin cleaning,</li></ul>
Ginger/turmeric	Vegetative stage	Soft Rot	Apply basal dose of fertilizers followed by earthing up.
			For management of soft rot in ginger: Need based drencing of
			Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water.
LIVESTOCKS	8		
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul> <li>Vaccination of chicks (0-7 days old, ideally 4 days old)</li> </ul>
			against Ranikhet disease is advised in Vet Supervision,
Pig	Pigs/ Piglets		<ul> <li>Walloing – Allow animals of spend time in muddly water,</li> </ul>
			<ul> <li>Regular monitoring against skin infection</li> </ul>
			<ul> <li>In present weather conditions provide adequate clean water to</li> </ul>
			the animals throughout the day,
			<ul> <li>Provide dry bedding materials to young piglets,</li> </ul>
Contact Se		A 11 CL 00 TTTT	K staff for measures against adverse conditions or call at 03795-226237/226247



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

# **ADVISORY FOR DISTRICT: EAST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> August 2018
Rainfall = 24.2 mm	Mostly cloudy with possibility of heavy rainfall. Daily maximum and
	minimum temperature for the following period is predicted to be 31-32°C
	and 22°C respectively. Expected morning and evening relative humidity will
	be 97-99% and 63-76% respectively. Wind direction is mainly SE & S with
	average wind speed range of 2-3 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018

GENER	AL RECOMMEN	DATIONS			
	cipation of heavy r				
Suspend all spray operations					
Do not go for fertilizer/manure applications					
• Proper o	lrainage to all cro				
			ADVISC	DRIES FOR THE PERIOD	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS		~			
Rice (WRC)	Transplanting/	Gundhi bug/	*	Do not delay weeding in WRC in order to enhance tillering	
	Active tillering	stem borer/ gall midge/ hoppers		and growth for higher yield & to ward off the alternate host	
		indge/ noppers		of gundhi bug.	
				Install YSB specific pheromone traps	
			*	Follow the rope technique for dislodging of larvae and then open	
			.•.	the water outlet. Collect the cases and destroy them.	
			**	If infestation level is high, follow insecticide treatment after	
				proper consultation with state agril govt employees or from KVK.	
Maize	Harvesting	Cob borer	*	Collect the adult insects by installing light traps.	
Soybean	Vegetative		*	Harvest mature crops immediately during clear/dry days	
•	Ĵ		*	Stage wise harvesting of black/green gram	
Black/green	Harvesting		*	If infestation level is high, spraying of 0.01 % of	
gram Sesamum	Vegetative		•	Imidacloprid 17SL on a clear day is advised.	
	Ĵ		***	Light interculture operations is advised,	
VEGETABLE					
Chilli	Mature			Light interculture operations,	
Cauliflower	Nursery		*	Nursery preparation for early cruciferous crops may be done in	
/Cabbage	Preparation URAL CROPS			raised bed (Preferable in shaded area),	
Banana				Demonal of dried leaves	
Dallalla	All stages		*	Removal of dried leaves, In crops infested with Sigatoka leaf spots, spraying of 0.1%	
			•	Propiconazol (e.g. Tilt) by adding a wetting agent,	
			*	Periodical removal of side suckers by cutting above the ground	
			•	level	
			*	Basin cleaning,	
Ginger/turmeric	Vegetative stage	Soft Rot	*	Apply basal dose of fertilizers followed by earthing up.	
-			*	For management of soft rot in ginger: Need based drencing of	
				Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water.	
LIVESTOCKS	5				
Livestock	Stage	Disease	Preca	utionary Practices to be followed	
Chickens	All stages		*	Vaccination of chicks (0-7 days old, ideally 4 days old)	
				against Ranikhet disease is advised in Vet Supervision,	
Pig	Pigs/ Piglets			Walloing – Allow animals of spend time in muddly water,	
				Regular monitoring against skin infection	
			**	In present weather conditions provide adequate clean water to	
				the animals throughout the day,	
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KV/K	staff for	Provide dry bedding materials to young piglets, measures against adverse conditions or call at 03795-226237/226247	
Contact SCI	enusis (ICAR) of Stat		stall luf	incasures against auverse conditions of call at 0.5755-220257/220247	

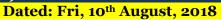


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## **ADVISORY FOR DISTRICT: EAST SIANG**

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

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> August 2018
Rainfall: 0.0 mm; T. Max: 37.0°C; T. Min:	
24.0°C ; RH: 66-86%	Daily maximum and minimum temperature for the following period is
	predicted to be 33-34°C and 25-26°C respectively. Expected morning and evening relative humidity will be 94-98% and 61-87% respectively. Wind
	direction is mainly variable with average wind speed range of 2-3 kmph.
Warning:	Heavy rain is likely to occure at isolated places over Arunachal
	Pradesh on 10th ,11th, 12th August 2018

GENER	AL RECOMMENI	DATIONS		
	ipation of heavy ra			
	all spray operation o for fertilizer/man			
0	rainage to all crop	<b>* *</b>		
			DVISO	RIES FOR THE PERIOD
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				·
Rice (Normal)	Leaf Elongation/ Active tillering	Blast	*	Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12% WP+Mancozeb 63% WP(2g/l) at 15days interval beginning from first appearance of the disease,
Rice (WRC) Early sown	Booting & grain filling	Gundhi bug/ stem borer/ gall midge/ hoppers	*	Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug. Install YSB specific pheromone traps
				Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them. If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK.
Maize	Harvesting	Cob borer		
Soybean	Vegetative			Harvest mature crops immediately during clear/dry days
Black/green	Harvesting		*	Stage wise harvesting of black/green gram
gram	That vesting		***	If infestation level is high, spraying of 0.01 % of Imidacloprid 17SL on a clear day is advised.
Sesamum	Vegetative		*	Light interculture operations is advised,
VEGETABLE	S			
Chilli	Mature		*	Light interculture operations,
Cauliflower	Nursery			Nursery preparation for early cruciferous crops may be done in
/Cabbage	Preparation			raised bed (Preferable in shaded area),
HORTICULT	URAL CROPS			
Citrus	Fruiting stage	Trunk borer	*	Removal of water shoots, Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,
				To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,
Pineapple	Vegetative		*	Remove excess suckers & slips to maintain the health of plants
LIVESTOCKS	5			
Livestock	Stage	Disease		Precautionary Practices to be followed
Pig	Pigs/ Piglets		*	Walloing – Allow animals of spend time in muddly water,
				Regular monitoring against skin infection
			*	In present weather conditions provide adequate clean water to
			•	the animals throughout the day,
$C = e^{1/(2)}$	A 11			Provide dry bedding materials to young piglets,
Goat/Sheep	All		**	Regular monitoring against skin infection Shearing - Cut the fur of sheep at regular interval,
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK		measures against adverse conditions or call at 03795-226237/226247
		0		

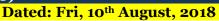


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## **ADVISORY FOR DISTRICT: KURUNG KUMEY**

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

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> August 2018
Rainfall (Koloriang): 0.0 mm	Mostly cloudy with possibility rather heavy to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27-28°C and 17-18°C respectively. Expected morning and evening
	relative humidity will be 94-96% and 58-77% respectively. Wind direction
	is mainly SSE with average wind speed range of 2-3 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal
	Pradesh on 10th ,11th, 12th August 2018

## GENERAL RECOMMENDATIONS On anticipation of heavy rainfall:

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

Proper drainage to all crop to avoid runoff				
		DETAILS OF A	DVISORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice (Jhum)	Grain filling stage	Yellow stem borer	<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high,</li> </ul>	
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul> <li>Do not delay weeding in WRC in order to enhance tillering and growth for higher yield &amp; to ward off the alternate host of gundhi bug.</li> <li>Install YSB specific pheromone traps</li> <li>Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.</li> <li>If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK.</li> </ul>	
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>	
Soybean	Vegetative		<ul> <li>Harvest mature crops immediately during clear/dry days</li> </ul>	
Black/green gram	Harvesting		<ul> <li>Stage wise harvesting of black/green gram</li> <li>Light interculture operations is advised,</li> </ul>	
VEGETABLE	S	Ι		
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>	
Cauliflower /Cabbage	Nursery Preparation		<ul> <li>Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area),</li> </ul>	
HORTICULT	URAL CROPS			
Citrus	Fruiting stage	Trunk borer	<ul> <li>Removal of water shoots,</li> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,</li> <li>To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,</li> </ul>	
Fruit orchards	All stages		<ul> <li>Weeding and basin cleaning to be done in all fruit orchards</li> </ul>	
LIVESTOCK	6			
		Diagona	Descontionom Desctions to be followed	
Livestock Pigs	Stage All stages	Disease Swine Fever	<ul> <li>Precautionary Practices to be followed</li> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate of healthy pigs with swine fever vaccine,</li> <li>Avoid contact with disease pigs,</li> <li>Quarantine new purchase piglets/pigs for atleast 1 month,</li> </ul>	
Cattle	All stages	FMD	<ul> <li>Quarantine new purchase process provide and as a month,</li> <li>Vaccination of animal for FMD,</li> </ul>	
			staff for measures against adverse conditions or call at 03795-226237/226247	

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



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Dated: Fri, 10<sup>th</sup> August, 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 15 <sup>th</sup> August 2018
Rainfall: 31.6 mm (Tezu)	Partly/Mostly cloudy with possibility of moderate to rather heavy
	rainfall. Daily maximum and minimum temperature for the following
	period is predicted to be 31-32°C and 22°C respectively. Expected morning
	and evening relative humidity will be 96-100% and 64-75% respectively.
	Wind direction is mainly ENE & NE with average wind speed range of 2-5
	kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal
	Pradesh on 10th ,11th, 12th August 2018

# 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

	in annage to an cro	<u> </u>	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	is the		
Rice (Normal)	Leaf Elongation/ Active tillering	Blast	Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,
Rice (WRC)	Booting & grain	Gundhi bug/	✤ Do not delay weeding in WRC in order to enhance tillering
Early sown	filling	stem borer/ gall midge/ hoppers	and growth for higher yield & to ward off the alternate host of gundhi bug.
			<ul> <li>Install YSB specific pheromone traps</li> </ul>
			<ul> <li>Follow the rope technique for dislodging of larvae and then open</li> </ul>
			the water outlet. Collect the cases and destroy them.
			<ul> <li>If infestation level is high, follow insecticide treatment after</li> </ul>
			proper consultation with state agril govt employees or from KVK.
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>
Soybean	Vegetative		<ul> <li>Harvest mature crops immediately during clear/dry days</li> </ul>
	Harvesting		<ul> <li>Stage wise harvesting of black/green gram</li> </ul>
Black/green gram	naivesting		<ul> <li>If infestation level is high, spraying of 0.01 % of</li> </ul>
Sesamum	Vegetative		Imidacloprid 17SL on a clear day is advised.
	Ũ		<ul> <li>Light interculture operations is advised,</li> </ul>
VEGETABLE			• • • • • • • • • • • • • • • • • • •
Chilli Cauliflower	Mature		<ul> <li>Light interculture operations,</li> <li>Nursery preparation for early cruciferous crops may be done in</li> </ul>
/Cabbage	Nursery Preparation		<ul> <li>Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area),</li> </ul>
	URAL CROPS		raised bed (Freierable in shaded area),
Citrus	Fruiting stage	Trunk borer	Removal of water shoots,
			<ul> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the</li> </ul>
			orchard,
			To protect the crop against attack of Phytopthora wilt, avoid
			stagnation of water in the cropped area,
Pineapple	Vegetative		<ul> <li>Remove excess suckers &amp; slips to maintain the health of plants</li> </ul>
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul> <li>Walloing – Allow animals of spend time in muddly water,</li> </ul>
			<ul> <li>Regular monitoring against skin infection</li> </ul>
			<ul> <li>In present weather conditions provide adequate clean water to</li> </ul>
			the animals throughout the day,
Coot/Choore	A 11		<ul> <li>Provide dry bedding materials to young piglets,</li> <li>A December monitoring accient ship infection</li> </ul>
Goat/Sheep	All		<ul> <li>Regular monitoring against skin infection</li> <li>Shaaring Out the fur of sheep at regular interval</li> </ul>
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	<ul> <li>Shearing - Cut the fur of sheep at regular interval,</li> <li>staff for measures against adverse conditions or call at 03795-226237/226247</li> </ul>
Contact Str	Charles (ICAR) of Bla		is suit for incusures against autorse conditions of can at 05755-2202577220241



District Level Agro-met Advisory Bulletin

**Arunachal Pradesh** 

(Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

No: AMFU-Basar/2018/64

Dated: Fri, 10<sup>th</sup> August, 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 15 <sup>th</sup> August 2018
Rainfall (Roing): 14.2 mm	Partly/Mostly cloudy with possibility of moderate to heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 32-35°C and 22-23°C respectively. Expected morning and
	evening relative humidity will be 97-100% and 63-78% respectively. Wind
	direction is mainly ENE with average wind speed range of 2-3 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal Pradesh on
	10th ,11th, 12th August 2018

GENERAL RECOMMENDATIONS					
On anticipation of heavy rainfall:					
Suspend all spray operations					
Do not go for fertilizer/manure applications					
<ul> <li>Proper d</li> </ul>	lrainage to all cro				
			ADVISORIES FOR THE PERIOD		
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS					
Rice (Normal)	Leaf Elongation/ Active tillering	Blast	Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12% WP+Mancozeb 63% WP(2g/l) at 15days interval beginning from first appearance of the disease,		
Rice (WRC) Early sown Maize	Booting & grain filling Harvesting	Gundhi bug/ stem borer/ gall midge/ hoppers Cob borer	<ul> <li>Do not delay weeding in WRC in order to enhance tillering and growth for higher yield &amp; to ward off the alternate host of gundhi bug.</li> <li>Install YSB specific pheromone traps</li> <li>Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.</li> <li>If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK.</li> <li>Collect the adult insects by installing light traps.</li> </ul>		
	0		<ul> <li>Harvest mature crops immediately during clear/dry days</li> </ul>		
Soybean	Vegetative		<ul> <li>Analysis interference of black/green gram</li> </ul>		
Black/green	Harvesting		If infestation level is high, spraying of 0.01 % of		
gram			Imidacloprid 17SL on a clear day is advised.		
Sesamum	Vegetative		<ul> <li>Light interculture operations is advised,</li> </ul>		
VEGETABLE	S				
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>		
Cauliflower	Nursery		Nursery preparation for early cruciferous crops may be done in		
/Cabbage	Preparation		raised bed (Preferable in shaded area),		
HORTICULT	URAL CROPS				
Citrus	Fruiting stage	Trunk borer	<ul> <li>Removal of water shoots,</li> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,</li> <li>To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,</li> </ul>		
Pineapple	Vegetative		Remove excess suckers & slips to maintain the health of plants		
LIVESTOCKS	5				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pig	Pigs/ Piglets		<ul> <li>Walloing – Allow animals of spend time in muddly water,</li> <li>Regular monitoring against skin infection</li> <li>In present weather conditions provide adequate clean water to the animals throughout the day,</li> <li>Provide dry badding materials to young piglets</li> </ul>		
Goat/Sheep	All		<ul> <li>Provide dry bedding materials to young piglets,</li> <li>Regular monitoring against skin infection</li> </ul>		
Goal/sileep	All		<ul> <li>Kegular monitoring against skin infection</li> <li>Shearing - Cut the fur of sheep at regular interval,</li> </ul>		
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247		



**District Level Agro-met Advisory Bulletin** 

(Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

No: AMFU-Basar/2018/64



Dated: Fri, 10<sup>th</sup> August, 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 15 <sup>th</sup> August 2018
NA	Mostly cloudy with possibility of moderate to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 31-32°C and 22°C respectively. Expected morning and evening relative
	humidity will be 99-100% and 68-89% respectively. Wind direction is
	mainly variable with average wind speed range of 2-3 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal Pradesh on
	10th ,11th, 12th August 2018

## 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

		<b>DETAILS OF</b> A	ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (Jhum)	Grain filling stage	Yellow stem borer	<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high,</li> </ul>
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul> <li>Do not delay weeding in WRC in order to enhance tillering and growth for higher yield &amp; to ward off the alternate host of gundhi bug.</li> <li>Install YSB specific pheromone traps</li> <li>Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.</li> <li>If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK.</li> </ul>
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>
Soybean	Vegetative	-	<ul> <li>Harvest mature crops immediately during clear/dry days</li> <li>Stage wise harvesting of black/green gram</li> </ul>
Black/green gram	Harvesting	-	<ul> <li>Stage wise harvesting of black/green grain</li> <li>Light interculture operations is advised,</li> </ul>
VEGETABLE	S	·	
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>
Cauliflower /Cabbage	Nursery Preparation		<ul> <li>Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area),</li> </ul>
HORTICULT	URAL CROPS		
Citrus	Fruiting stage	Trunk borer	<ul> <li>Removal of water shoots,</li> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,</li> <li>To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,</li> </ul>
Fruit orchards	All stages		<ul> <li>Weeding and basin cleaning to be done in all fruit orchards</li> </ul>
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate of healthy pigs with swine fever vaccine,</li> <li>Avoid contact with disease pigs,</li> <li>Quarantine new purchase piglets/pigs for atleast 1 month,</li> </ul>
Cattle	All stages	FMD	<ul> <li>✤ Vaccination of animal for FMD,</li> </ul>
Contact Scientist	<mark>s (ICAR) or State</mark> A	Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



Pig

Pigs/ Piglets

जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

## No: AMFU-Basar/2018/64

Dated: Fri, 10<sup>th</sup> August, 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 15 <sup>th</sup> August 2018
Rainfall: 37.6 mm; T. Max: 38.0°C; T. Min:	Mostly cloudy with possibility of rather heavy to very rainfall. Daily
23.0°C ; RH: 73-95%	maximum and minimum temperature for the following period is predicted to
	be 33-34°C and 25-26°C respectively. Expected morning and evening
	relative humidity will be 96-99% and 76-83% respectively. Wind direction
	is mainly SE & ESE with average wind speed range of 2-3 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal Pradesh on
	10th ,11th, 12th August 2018

On antio Suspend Do not g	AL RECOMMEN cipation of heavy r l all spray operations to for fertilizer/ma drainage to all cro	rainfall: ons anure application p to avoid runoff	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	)))))))))))))))))))))))))))))))))))))))	I CSU DISCUSC	Treeditionary Tractices to be followed
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul> <li>Do not delay weeding in WRC in order to enhance tillering and growth for higher yield &amp; to ward off the alternate host of gundhi bug.</li> <li>Install YSB specific pheromone traps</li> <li>Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.</li> <li>If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK.</li> </ul>
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>
Soybean	Vegetative		<ul> <li>Concert the data insects by instanting right daps.</li> <li>Harvest mature crops immediately during clear/dry days</li> <li>Stage wise harvesting of black/green gram</li> </ul>
Black/green gram Sesamum	Harvesting Vegetative		<ul> <li>Stage wise narvesting of black green grain</li> <li>If infestation level is high, spraying of 0.01 % of Imidacloprid 17SL on a clear day is advised.</li> <li>Light interculture operations is advised,</li> </ul>
VEGETABLE			Light interculture operations is advised,
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>
Cauliflower /Cabbage	Nursery Preparation		<ul> <li>Eight intercurrer operations,</li> <li>Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area),</li> </ul>
HORTICULT	URAL CROPS		
Banana	All stages		<ul> <li>Removal of dried leaves,</li> <li>In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent,</li> <li>Periodical removal of side suckers by cutting above the ground level</li> <li>Basin cleaning,</li> </ul>
Ginger/turmeric	Vegetative stage	Soft Rot	<ul> <li>Apply basal dose of fertilizers followed by earthing up.</li> <li>For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		Vaccination of chicks (0-7 days old, ideally 4 days old) against <i>Ranikhet</i> disease is advised in Vet Supervision,

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



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

## No: AMFU-Basar/2018/64

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

## **ADVISORY FOR DISTRICT: TAWANG**

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> August 2018
Rainfall: 18.0 mm	Mostly cloudy with possibility of moderate to rather heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 18°C and 09-10°C respectively. Expected morning and
	evening relative humidity will be 94-96% and 68-75% respectively. Wind
	direction is mainly SSE & W with average wind speed range of 2-3 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal
	Pradesh on 10th ,11th, 12th August 2018

- Go for fertilizer/manure applications during dry/clear days
- Manual weeding advocated
- 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	Juge	1 Cou Discuse	
Rice (Jhum)	Grain filling stage	Yellow stem borer	<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high,</li> </ul>
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul> <li>Do not delay weeding in WRC in order to enhance tillering and growth for higher yield &amp; to ward off the alternate host of gundhi bug.</li> <li>Install YSB specific pheromone traps</li> <li>Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.</li> <li>If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK.</li> </ul>
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>
Soybean	Vegetative		<ul> <li>Harvest mature crops immediately during clear/dry days</li> <li>Stage wise harvesting of black/green gram</li> </ul>
Black/green gram	Harvesting		<ul> <li>Stage wise harvesting of black/green grain</li> <li>Light interculture operations is advised,</li> </ul>
VEGETABLE	S		
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>
Cauliflower /Cabbage	Nursery Preparation		<ul> <li>Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area),</li> </ul>
HORTICULT	URAL CROPS		
Citrus	Fruiting stage	Trunk borer	<ul> <li>Removal of water shoots,</li> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,</li> <li>To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,</li> </ul>
Fruit orchards	All stages		<ul> <li>Weeding and basin cleaning to be done in all fruit orchards</li> </ul>
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate of healthy pigs with swine fever vaccine,</li> <li>Avoid contact with disease pigs,</li> <li>Quarantine new purchase piglets/pigs for atleast 1 month,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal for FMD,</li> </ul>
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

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

# **ADVISORY FOR DISTRICT: TIRAP**

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> August 2018
Rainfall: 9.2 mm	Mostly cloudy with possibility moderate to rather heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 33-34°C and 25-26°C respectively. Expected morning and evening
	relative humidity will be 98-100% and 69-81% respectively. Wind direction
	is mainly variable with average wind speed range of 2 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal
	Pradesh on 10th ,11th, 12th August 2018

## GENERAL RECOMMENDATIONS

- Go for fertilizer/manure applications during dry/clear days
- Manual weeding advocated
- Proper drainage to all crop to avoid runoff

## **DETAILS OF ADVISORIES FOR THE PERIOD**

		DETAILS OF A	DVISORIES FOR THE FERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (Normal)	Leaf Elongation/ Active tillering	Blast	Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12% WP+Mancozeb 63% WP(2g/l) at 15days interval beginning from first appearance of the disease,
Rice (WRC)	Booting & grain	Gundhi bug/	Do not delay weeding in WRC in order to enhance tillering
Early sown	filling	stem borer/ gall midge/ hoppers	and growth for higher yield & to ward off the alternate host of gundhi bug.
			<ul> <li>Install YSB specific pheromone traps</li> </ul>
			<ul> <li>Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.</li> </ul>
			<ul> <li>If infestation level is high, follow insecticide treatment after</li> </ul>
			proper consultation with state agril govt employees or from KVK.
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>
Soybean	Vegetative		<ul> <li>Harvest mature crops immediately during clear/dry days</li> </ul>
-			<ul> <li>Stage wise harvesting of black/green gram</li> </ul>
Black/green	Harvesting		If infestation level is high, spraying of 0.01 % of
gram Sesamum	Vegetative		Imidacloprid 17SL on a clear day is advised.
	e		<ul> <li>Light interculture operations is advised,</li> </ul>
VEGETABLE			
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>
Cauliflower /Cabbage	Nursery Preparation		<ul> <li>Nursery preparation for early cruciferous crops may be done in miand had (Defendula in shaded error)</li> </ul>
	URAL CROPS		raised bed (Preferable in shaded area),
Citrus	Fruiting stage	Trunk borer	Removal of water shoots,
Citius	Fruiting stage	TTUIK DOTEI	<ul> <li>Kentoval of water shoots,</li> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the</li> </ul>
			orchard,
			<ul> <li>To protect the crop against attack of Phytopthora wilt, avoid</li> </ul>
			stagnation of water in the cropped area,
Pineapple	Vegetative		<ul> <li>Remove excess suckers &amp; slips to maintain the health of plants</li> </ul>
LIVESTOCKS	S		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul> <li>Walloing – Allow animals of spend time in muddly water,</li> </ul>
-			<ul> <li>Regular monitoring against skin infection</li> </ul>
			<ul> <li>In present weather conditions provide adequate clean water to</li> </ul>
			the animals throughout the day,
			<ul> <li>Provide dry bedding materials to young piglets,</li> </ul>
Goat/Sheep	All		<ul> <li>Regular monitoring against skin infection</li> </ul>
			Shearing - Cut the fur of sheep at regular interval,
Contact Sci	ientists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

## No: AMFU-Basar/2018/64

Dated: Fri, 10<sup>th</sup> August, 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 15 <sup>th</sup> August 2018
Rainfall: 0.0 mm	Mostly/partly cloudy with possibility of moderate to heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 27-28°C and 17-18°C respectively. Expected morning and
	evening relative humidity will be 91-94% and 61-77% respectively. Wind
	direction is mainly SE & SSW with average wind speed range of 2-4 kmph.
Warning:	Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018

GENERAL RECOMMENDATIONS
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- On anticipation of heavy rainfall:
- Suspend all spray operations
- Do not go for fertilizer/manure applications

Proper dr	ainage to all crop	to avoid runoff	
		<b>DETAILS OF</b> A	DVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (Jhum)	Grain filling stage	Yellow stem borer	<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high,</li> </ul>
Rice (WRC)	Transplanting/	Gundhi bug/	✤ Do not delay weeding in WRC in order to enhance tillering
	Active tillering	stem borer/ gall midge/ hoppers	and growth for higher yield & to ward off the alternate host of gundhi bug.
			<ul> <li>Install YSB specific pheromone traps</li> <li>Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.</li> <li>If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK.</li> </ul>
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>
Soybean	Vegetative		<ul> <li>Harvest mature crops immediately during clear/dry days</li> </ul>
Black/green gram	Harvesting		<ul> <li>Stage wise harvesting of black/green gram</li> <li>Light interculture operations is advised,</li> </ul>
VEGETABLES	S		
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>
Cauliflower /Cabbage	Nursery Preparation		<ul> <li>Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area),</li> </ul>
HORTICULTU	A		
Citrus	Fruiting stage	Trunk borer	<ul> <li>Removal of water shoots,</li> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,</li> <li>To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,</li> </ul>
Fruit orchards	All stages		<ul> <li>Weeding and basin cleaning to be done in all fruit orchards</li> </ul>
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate of healthy pigs with swine fever vaccine,</li> <li>Avoid contact with disease pigs,</li> <li>Quarantine new purchase piglets/pigs for atleast 1 month,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal for FMD,</li> </ul>
Contact Scie	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin



Arunachal Pradesh (Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

No: AMFU-Basar/2018/64

Dated: Fri, 10<sup>th</sup> August, 2018



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

# **ADVISORY FOR DISTRICT: UPPER SUBANSIRI**

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> August 2018
Daporijo: 0.0 mm	Mostly/partly cloudy with possibility of moderate to heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 31-32°C and 22°C respectively. Expected morning and
	evening relative humidity will be 93-95% and 61-79% respectively. Wind
	direction is mainly SSE & SSW with average wind speed range of 2-3
	kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal
	Pradesh on 10th ,11th, 12th August 2018

GENER	AL RECOMMEN	NDATIONS	
	ipation of heavy		
	all spray operation		
-		anure applications	
0		p to avoid runoff	
			DVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (Jhum)	Grain filling stage	Yellow stem borer	<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Install yellow stem borer pheromone traps to monitor the adult</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interv during clear/dry days or using proper sticker if the infestation high,</li> </ul>
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul> <li>Do not delay weeding in WRC in order to enhance tillerin and growth for higher yield &amp; to ward off the alternate ho of gundhi bug.</li> <li>Install YSB specific pheromone traps</li> <li>Follow the rope technique for dislodging of larvae and then op the water outlet. Collect the cases and destroy them.</li> </ul>
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>
Soybean	Vegetative		<ul> <li>Harvest mature crops immediately during clear/dry days</li> </ul>
•	•		Stage wise harvesting of black/green gram
Black/green	Harvesting		<ul> <li>Light interculture operations is advised,</li> </ul>
gram VEGETABLE	S		
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>
Cauliflower	Nursery		<ul> <li>Nursery preparation for early cruciferous crops may be done in</li> </ul>
/Cabbage	Preparation		raised bed (Preferable in shaded area),
HORTICULT	<u>^</u>		
Citrus	Fruiting stage	Trunk borer	<ul> <li>Removal of water shoots,</li> </ul>
			<ul> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,</li> </ul>
			To protect the crop against attack of Phytopthora wilt, avoid
Fruit orchards	A 11 stages		stagnation of water in the cropped area,
	All stages		<ul> <li>Weeding and basin cleaning to be done in all fruit orchards</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> </ul>
			<ul> <li>Avoid stagnant water near the shed,</li> </ul>
			<ul> <li>Vaccinate of healthy pigs with swine fever vaccine,</li> </ul>
			<ul> <li>Avoid contact with disease pigs,</li> <li>Overanting new purchase nights/give for etlesst 1 month</li> </ul>
Cottlo	All stages	FMD	<ul> <li>Quarantine new purchase piglets/pigs for atleast 1 month,</li> <li>Vaccination of animal for FMD,</li> </ul>
Cattle	All stages		
Contact Scie	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

## No: AMFU-Basar/2018/64

Dated: Fri, 10<sup>th</sup> August, 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 15 <sup>th</sup> August 2018
Rainfall = Bomdila: 0.0 mm ; Bhalukpong: 71.7	Mostly cloudy with possibility heavy rain. Daily maximum and minimum
mm; Kalaktang: 2.0 mm	temperature for the following period is predicted to be 27-28°C and 16-17°C
	respectively. Expected morning and evening relative humidity will be 98-
	99% and 71-86% respectively. Wind direction is mainly SSW & S with
	average wind speed range of 2-3 kmph.
Warning:	• Heavy rain is likely to occure at isolated places over Arunachal
	Pradesh on 10th ,11th, 12th August 2018

GENER	AL RECOMMEN	NDATIONS		
• Go for fo	ertilizer/manure a	pplications during	ry/clear days	
<ul> <li>Manual</li> </ul>	weeding advocate	ed		
Proper d	lrainage to all cro			
		<b>DETAILS OF A</b>	VISORIES FOR THE PERIOD	
Сгор	Stage	Pest/Disease	<b>Precautionary Practices to be followed</b>	
FIELD CROPS	1			
Rice (Jhum)	Grain filling stage	Yellow stem borer	<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Install yellow stem borer pheromone traps to monitor th</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days during clear/dry days or using proper sticker if the infe high,</li> </ul>	interval
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul> <li>Do not delay weeding in WRC in order to enhance and growth for higher yield &amp; to ward off the altern of gundhi bug.</li> <li>Install YSB specific pheromone traps</li> <li>Follow the rope technique for dislodging of larvae and t the water outlet. Collect the cases and destroy them.</li> <li>If infestation level is high, follow insecticide treatment a proper consultation with state agril govt employees or fit KVK.</li> </ul>	hen open
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>	
Soybean	Vegetative		✤ Harvest mature crops immediately during clear/dry days	5
-	<u> </u>		Stage wise harvesting of black/green gram	
Black/green	Harvesting		<ul> <li>Light interculture operations is advised,</li> </ul>	
gram VEGETABLE	<b>S</b>			
Chilli	Mature		<ul> <li>Light interculture operations,</li> </ul>	
Cauliflower	Nursery		<ul> <li>Nursery preparation for early cruciferous crops may be</li> </ul>	done in
/Cabbage	Preparation		raised bed (Preferable in shaded area),	
	URAL CROPS			
Citrus	Fruiting stage	Trunk borer	<ul> <li>Removal of water shoots,</li> <li>Intercropping of pulse (Soybean, rice bean etc) crop in to orchard,</li> <li>To protect the crop against attack of Phytopthora wilt, a stagnation of water in the cropped area,</li> </ul>	
Fruit orchards	All stages		<ul> <li>Weeding and basin cleaning to be done in all fruit orcha</li> </ul>	rds
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages	Swine Fever	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate of healthy pigs with swine fever vaccine,</li> <li>Avoid contact with disease pigs,</li> <li>Quarantine new purchase piglets/pigs for atleast 1 mont</li> </ul>	h
Cattle	All stages	FMD	<ul> <li>Qualitative new purchase pigets/pigs for atteast 1 mont</li> <li>Vaccination of animal for FMD,</li> </ul>	,
	e		ff for measures against adverse conditions or call at 03795-226237/2262	47
Contact Sch	entists (Terris) of Sta		in for measures against autorist conditions of Call at 05175-22025112202	



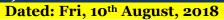
**District Level Agro-met Advisory Bulletin** 

**Arunachal Pradesh** 

## (Period: 11<sup>th</sup> to 15<sup>th</sup> August, 2018)

## No: AMFU-Basar/2018/64

**GENERAL RECOMMENDATIONS** 





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 15 <sup>th</sup> August 2018
Rainfall: 2.0 mm, Max. T: 34.0°C, Min. T: 18.7°C, Wind Speed: 2-6 km/h, RH: 58-92%, Wind Direction: NNE	<b>Partly/Mostly cloudy with possibility of moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 33-34°C and 25-26°C respectively. Expected morning and evening relative humidity will be 94-97% and 63-82% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph.
Warning:	Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018

#### **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 Pest/Disease Precautionary Practices to be followed** Crop Stage **FIELD CROPS** Rice (Jhum) Grain filling Yellow stem ✤ Make structures to avoid runoff in the slope, borer Install yellow stem borer pheromone traps to monitor the adults, stage

	stage	borer	• Install yellow stem borer pheromone traps to monitor the adults,
			Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high,
Rice (WRC)	Transplanting/	Gundhi bug/	<ul> <li>Do not delay weeding in WRC in order to enhance tillering</li> </ul>
· · · ·	Active tillering	stem borer/ gall	and growth for higher yield & to ward off the alternate host
		midge/ hoppers	of gundhi bug.
			<ul> <li>Install YSB specific pheromone traps</li> </ul>
			<ul> <li>Follow the rope technique for dislodging of larvae and then open</li> </ul>
			the water outlet. Collect the cases and destroy them.
			If infestation level is high, follow insecticide treatment after
			proper consultation with state agril govt employees or from KVK.
Maize	Harvesting	Cob borer	<ul> <li>Collect the adult insects by installing light traps.</li> </ul>
Soybean	Vegetative	-	<ul> <li>Harvest mature crops immediately during clear/dry days</li> </ul>
•	Ū.	-	Stage wise harvesting of black/green gram
Black/green	Harvesting		<ul> <li>Light interculture operations is advised,</li> </ul>
gram VEGETABLE	C .		
Chilli	Mature		Light interroulture exercises
Cauliflower	Nursery		<ul> <li>Light interculture operations,</li> <li>Nursery preparation for early cruciferous crops may be done in</li> </ul>
/Cabbage	Preparation		raised bed (Preferable in shaded area),
HORTICULT	<b>▲</b>		Taised bed (Freierable in shaded area),
Citrus	Fruiting stage	Trunk borer	<ul> <li>Removal of water shoots,</li> </ul>
Ciuus	I fulling stuge	Trunk borer	<ul> <li>Intercropping of pulse (Soybean, rice bean etc) crop in the</li> </ul>
			orchard,
			<ul> <li>To protect the crop against attack of Phytopthora wilt, avoid</li> </ul>
			stagnation of water in the cropped area,
Fruit orchards	All stages		Weeding and basin cleaning to be done in all fruit orchards
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> </ul>
			✤ Avoid stagnant water near the shed,
			<ul> <li>Vaccinate of healthy pigs with swine fever vaccine,</li> </ul>
			<ul> <li>Avoid contact with disease pigs,</li> </ul>
Cattle	All stages	FMD	

