



### District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 2018



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

### **ADVISORY FOR DISTRICT: ANJAW**

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

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
No weather summary available	Mostly/Partly cloudy with possibility of moderate to very heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 26-27°C and 18-19°C respectively. Expected morning and
	evening relative humidity will be 94-99% and 64-73% respectively. Wind
	direction is mainly variable with average wind speed range of 2-3 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.

GENER	AL RECOMMEN	DATIONS					
	On anticipation of heavy rainfall:						
	all spray operation						
_	<ul> <li>Do not go for fertilizer/manure applications</li> </ul>						
_	, drainage to all cro						
1	DETAILS OF ADVISORIES FOR THE PERIOD						
Crop	Stage	Pest/Disease		Precautionary Practices to be followed			
FIELD CROPS				, v			
Rice	Booting and	Yellow stem	*	Weeding of the rice field may be done.			
	Panicle initiation	borer,	*	Strict monitoring of Gundhi bug should be done. Manual			
		Sheath blight		collection and destruction of adults and nymph at this stage of			
		Gundhi Bug		crop is highly effective in managing pest population.			
			*	Monitoring of crop against grayish discoloration on the stem that			
				starts just above water table (Sheath Blight) should be done. On			
				detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.			
Jhum rice	Flowering/		**	Avoid harvesting during the period on anticipation of heavy			
Jiidiii Hee	maturity/		•	rainfall			
	harvesting			Tumum			
VEGETABLE							
Okra &	Flowering/	Blister beetle/	*	Proper drainage should be ensured.			
Cucurbitaceous	fruiting/	fruit fly	*	Regular monitoring, collection and destruction of beetles.			
crops	harvesting		*	Install pheromone traps @ 16-20 traps/ha for control of fruit fly.			
				The lure has to be replaced at every 20 days interval.			
Collect and destroy the infected fruits							
HORTICULTUR	1		T .				
	Fruiting			Plant basin should be kept weed free.			
Kiwifruit			**	Proper drainage should be ensured.			
Large	Fruiting	Tea mosquito	*	Shade management with the proper lopping of trees			
cardamom		bug		The state of the s			
LIVESTOCKS							
Livestock	Stage	Disease		Precautionary Practices to be followed			
Yak				Feeding of concentrate feed along with mineral mixture and salt.			
			*	Hay feeding is recommended. Trimming of hair is			
G . 1 G1 1			•	recommended.			
Cattle, Sheep and Goat			**	Farmers are advised to look for heat sign especially during early			
Joat				morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.			
			*	Breeding of the sheep/goat should be done 24-30 hr after			
			•	observation of heat			
			*	Feeding of concentrate feed along with jaggery, mineral mixture			
				and salt.			
			*	Periodic application of fly repellents and/or netting of dung pit			
				are recommended.			
Contact Scientist	s (ICAR) or State A	gril Staff or KVK	staff for r	neasures against adverse conditions or call at 03795-226237/226247			





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

## ADVISORY FOR DISTRICT: CHANGLANG

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

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Rainfall = Changlang: NA Miao: 47.6 mm	Mostly/partly cloudy with possibility of moderate to very heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 30-35°C and 24-25°C respectively. Expected morning and
	evening relative humidity will be 95-98% and 64-78% respectively. Wind
	direction is mainly variable with average wind speed range of 3-4 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over
	Arunachal Pradesh on 8th Sept.

S			Arı	unachal Pradesh on 8th Sept.		
	AL RECOMMEN					
	cipation of heavy r					
<ul> <li>Suspend</li> </ul>	all spray operation	ons				
<ul><li>Do not g</li></ul>	o for fertilizer/ma	nure applicatio	ons			
• Proper o	lrainage to all cro					
		<b>DETAILS OF</b>	F ADVISO	RIES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS						
Rice	Booting and	Yellow stem	*	Strict monitoring of Gundhi bug should be done.		
	Panicle initiation	· · · · · · · · · · · · · · · · · · ·	*	Manual collection and destruction of adults and nymph at this		
		Sheath blight		stage of crop is highly effective in managing pest population		
		Gundhi Bug	*	Monitoring of crop against grayish discoloration on the stem that		
				starts just above water table (Sheath Blight) should be done. On		
				detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.		
VEGETABLES				of water is advised.		
Tomato	Fruiting/	Fruit borer/		Infected/dried leaves should be pruned and spray COC @ 0.25%		
(inside	Harvesting	white fly/ late		at 7- 10 days interval for management of late blight.		
polyhouse)	Trai vesting	blight		Application of petroleum agrospray @ 10ml/litre or neem oil		
porjustation		9118111	· ·	(1500 ppm) @ 5 ml/litre for management of aphids, white fly		
				etc. at 15 days interval for 2-3 times.		
	❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm					
HORTICULT	URAL CROPS					
Orange/Citrus	Fruiting Growth	Trunk borer/ le	af 💠	Plant basin should be kept weed free.		
		miner Scab and	· ·	Proper drainage should be ensured.		
		Felt disease	*	For leaf miner and aphids management, application of petroleum		
				agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at		
				15 days interval for 2-3 times is recommended.		
				Spray COC @ 0.25% after removing the infected branches		
			**	Regular monitoring for detection of trunk borer infestation at the		
				base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and		
				plastered with clay and cowdung mixture		
Ginger/Turmeric	Vegetative	Soft rot	*	Proper drainage should be ensured.		
6	6 - 6			Hand weeding at 15 days interval.		
			*	Drenching with COC @ 0.25% at 7- 10 days interval for		
				management of soft rot		
LIVESTOCKS	5					
Livestock	Stage	Disease		Precautionary Practices to be followed		
Pig	All stages	Swine fever	*	Keep floor dry to avoid skin diseases.		
				Weaning is recommended at the age of 8 weeks for crossbreds		
				and 10 weeks for indigenous pigs.		
			*	Swine fever vaccine at the age of 8- 10 week is recommended.		
				Critical heat detection in early morning and late evening is		
				recommended.		
				Feed 5-10% green fodder of their diet		
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KV	v K. staff for 1	measures against adverse conditions or call at 03795-226237/226247		





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#### 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 9 <sup>th</sup> September 2018
Rainfall = 0.0 mm	Partly/mostly cloudy with possibility of moderate to very heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 26-27°C and 18-19°C respectively. Expected morning and
	evening relative humidity will be 98-99% and 54-88% respectively. Wind
	direction is mainly variable with average wind speed range of 2-4 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over
	Arunachal Pradesh on 8th Sept.

GENER	AL RECOMMEN	NDATIONS				
	cipation of heavy r					
<ul> <li>Suspend</li> </ul>	all spray operation	ons				
<ul><li>Do not g</li></ul>	o for fertilizer/ma	nure application				
Proper d	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	Booting and Panicle initiation	Yellow stem borer, Sheath blight Gundhi Bug	<ul> <li>Weeding of the rice field may be done.</li> <li>Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.</li> <li>Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li> </ul>			
Jhum rice	Flowering/ maturity/ harvesting		Avoid harvesting during the period on anticipation of heavy rainfall			
VEGETABLE	)					
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<ul> <li>Proper drainage should be ensured.</li> <li>Regular monitoring, collection and destruction of beetles.</li> <li>Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval.</li> <li>Collect and destroy the infected fruits</li> </ul>			
HORTICULTUR	AL CROPS		Concet and destroy the infected fights			
Kiwifruit	Fruiting		<ul><li>Plant basin should be kept weed free.</li><li>Proper drainage should be ensured.</li></ul>			
Large cardamom	Fruiting	Tea mosquito bug	Shade management with the proper lopping of trees			
LIVESTOCKS						
Livestock	Stage	Disease	Precautionary Practices to be followed			
Yak			<ul> <li>Feeding of concentrate feed along with mineral mixture and salt.</li> <li>Hay feeding is recommended. Trimming of hair is recommended.</li> </ul>			
Cattle, Sheep and Goat			<ul> <li>Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.</li> <li>Breeding of the sheep/goat should be done 24-30 hr after observation of heat</li> <li>Feeding of concentrate feed along with jaggery, mineral mixture and salt.</li> <li>Periodic application of fly repellents and/or netting of dung pit are recommended.</li> </ul>			

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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#### **Arunachal Pradesh**



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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 9 <sup>th</sup> September 2018
Rainfall = 16.2 mm	Mostly cloudy with possibility of rather heavy to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 31-32°C and 21-22°C respectively. Expected morning and evening
	relative humidity will be 97-98% and 60-80% respectively. Wind direction
	is mainly variable with average wind speed range of 2-4 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal
	Pradesh on 8th Sept.

#### GENERAL RECOMMENDATIONS

Sheath blight   Gundhi Bug   Sheath blight   Gundhi Bug   Sheath blight   Gundhi Bug   Sheath	Proper drainage to all crop to avoid runoff    Proper drainage to all crop to avoid runoff   Proper drainage to all crop to avoid runoff   Proper drainage to all crop to avoid runoff   Proper drainage to all crop to avoid runoff   Proper drainage to all crop to avoid runoff   Proper drainage to all crop to avoid runoff   Proper drainage to all crop to avoid runoff   Proper drainage to all crop to avoid runoff   Proper drainage to all crop to avoid skin diseases	On anticipa	ation of heavy r	ainfall:		
Proper drainage to all crop to avoid runoff  Crop Stage Pest/Disease Precautionary Practices to be followed  FIELD GROPS  Rice Booting and Panicle initiation borer. Sheath blight Gundhi Bug  Fruiting/ (inside polyhouse)  Fruiting/ (inside polyhouse)  Fruiting Growth Felt disease  Fruiting Growth Felt dis	Proper drainage to all crop to avoid runoff  DETAILS OF ADVISORIES FOR THE PERIOD  Crop Stage Pest/Disease Precautionary Practices to be followed  Panicle initiation borer, Sheath blight Gundhi Bug  Rice Booting and Panicle initiation borer, Sheath blight Gundhi Bug  Fruiting Growth Harvesting polyhouse)  Pruit borer/ white fly/late blight  Fruiting Growth Fruiting Growth Felt disease  Fruiting Growth Felt disease  Fruiting Growth Felt disease  Fruiting Growth Felt disease  Fromage/Citrus Fruiting Growth Felt disease  Fruiting Growth Fruiting Growth Felt disease  Fruiting Growth Fruiting Growth Felt disease  Fruiting Growth Felt disease  Fruiting Growth Fruiting Growth Felt disease  Fruiting Growth Fruiting Growth Felt disease  Fruiting Growth Fruiting Growth Fruiting Growth Fruiting Growth Felt disease  Fruiting Growth Fruiting	<ul> <li>Suspend all</li> </ul>	l spray operatio	ons		
Crop   Stage   Pest/Disease   Precautionary Practices to be followed	Pest/Disease   Pest/Disease   Precautionary Practices to be followed	Do not go for	or fertilizer/ma	nure application	s	
Crop   Stage   Pest/Disease   Precautionary Practices to be followed	Pest/Disease   Pest/Disease   Precautionary Practices to be followed	• Proper drai	inage to all cro	p to avoid runoff		
Panicle initiation   Panicl	Rice Booting and Panicle initiation of Panicle initiation Panicle Panicl					PRIES FOR THE PERIOD
Rice Booting and Panicle initiation of Separate table (Scharth Blight) should be done. Codetection of symptoms spraying of Sheathmar @ 3 gram per lit of water is advised.  **Pinfected/dried leaves should be pruned and spray COC @ 0.25% at 7 - 10 days interval for management of a phids, white fly etc. at 15 days interval for panicle initiation of petroleum agrospray @ 10ml/litre or neam oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  **Spray COC @ 0.25% at 7 - 10 days interval panicle infected branches Panicle	Rice Booting and Panicle initiation Panicle	Crop	Stage	Pest/Disease		Precautionary Practices to be followed
Panicle initiation   borer,   Sheath blight   Gundhi Bug	Panicle initiation  Begin and the proper sheath blight Gundhi Bug  Wegetables  Tomato (inside polyhouse)  Fruiting/ (inside polyhouse)  Fruiting Growth Fruiting Growth Felt disease  Torange/Citrus  Orange/Citrus  Orange/Citrus  Fruiting Growth Felt disease  Wegetative  Soft rot  Soft rot  Soft rot  Wanual collection and destruction of adults and nymph at this stage of crop against grayish discoloration on the stem tha starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litro of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of alptids, white fly etc. at 15 days interval for particular for management of alptids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or necm oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  Spray COC @ 0.25% after removing the infected branches  Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden fras is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot  Livestock  Stage  Pig  All stages  Swine fever  Keep floor dry to avoid skin diseases.  Weaning is recommended at the age of 8 weeks for crossbred and 10 weeks for indigenous pigs.  Swine fever vaccine at the age of 8-10 week is recommended Critical heat detection in early morning and late evening is recommended.					·
Tomato (inside polyhouse)  Fruiting/ Harvesting Polyhouse)  Fruit borer/ white fly/ late blight  Fruiting Growth  Fruiting Growth  Fruiting Growth  Fruiting Growth  Felt disease  Froiting Growth  Felt disease  Froper drainage should be kept weed free.  Froper drainage should be ensured.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  For leaf miner and aphids management of soft rot with borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  Ginger/Turmeric  Vegetative  Soft rot  Fruiting Growth  Trunk borer/leaf miner Scab and Felt disease  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Trunk borer/leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  For leaf miner and	Tomato (inside polyhouse)  Harvesting Harvesting blight  Harvesting polyhouse)  Harvesting Polyhouse)  Harvesting Polyhouse  Harvesting Polyhouse  Harvesting Polyhouse  Harvesting Polyhouse  Harvesting Polyhouse  Harvesting Polyhouse  Fruit borer/ white fly/late blight  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  For leaf miner Scab and Felt disease  Fruiting Growth Felt disease  Fruiting Growth Felt disease  Fruiting Growth Felt disease  Proper drainage should be ensured.  Spray COC @ 0.25% after removing the infected branches  Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  Ginger/Turmeric  Ginger/Turmeric  Vegetative  Soft rot  Frojer drainage should be ensured.  Hand weeding at 15 days interval for management of soft rot  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Proper drainage should be ensured.  Proper drainage should be	Pa		borer, Sheath blight	*	Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre
(inside polyhouse)  White fly/ late blight  White fly/ late blight  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Whorticultural crops  Orange/Citrus  Fruiting Growth  Fruiting Growth  Felt disease  Felt disease  Proper drainage should be kept weed free.  Proper drainage should be ensured.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  Spray COC @ 0.25% after removing the infected branches  Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  Ginger/Turmeric  Vegetative  Soft rot  Proper drainage should be ensured.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for good agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  Proper drainage should be ensured.  Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  Proper drainage should be ensured.  Proper drainage should be ensured.  Proper drainage should be ensured.  Proper drainage should be ensure	(inside polyhouse)  Harvesting polyhouse)  Harvesting polyhouse  White fly/ late blight  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.  Proper	VEGETABLES				
Orange/Citrus       Fruiting Growth       Trunk borer/ leaf miner Scab and Felt disease       ♣ Plant basin should be kept weed free.         ♣ Proper drainage should be ensured.       ♣ For leaf miner and aphids management, application of petroleur agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.         ♣ Spray COC @ 0.25% after removing the infected branches         ♣ Regular monitoring for detection of trunk borer infestation at th base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture         Ginger/Turmeric       Vegetative       Soft rot       ♣ Proper drainage should be ensured.         ♣ Hand weeding at 15 days interval.       ♣ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot         LIVESTOCKS         Livestock       Stage       Disease       Precautionary Practices to be followed         Pig       All stages       Swine fever       ★ Keep floor dry to avoid skin diseases.	Orange/Citrus	(inside	_	white fly/ late	*	at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.
miner Scab and Felt disease  miner Scab and Felt disease  Proper drainage should be ensured.  For leaf miner and aphids management, application of petroleur agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  Spray COC @ 0.25% after removing the infected branches  Regular monitoring for detection of trunk borer infestation at th base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  Ginger/Turmeric  Vegetative  Soft rot  Proper drainage should be ensured.  Proper drainage shoul	miner Scab and Felt disease  Proper drainage should be ensured.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  Spray COC @ 0.25% after removing the infected branches  Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  Ginger/Turmeric  Vegetative  Soft rot  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Prenching with COC @ 0.25% at 7-10 days interval for management of soft rot  LIVESTOCKS  Livestock  Stage  Disease  Precautionary Practices to be followed  Keep floor dry to avoid skin diseases.  Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.  Swine fever vaccine at the age of 8-10 week is recommended Critical heat detection in early morning and late evening is recommended.	HORTICULTUR	AL CROPS			
♣ Hand weeding at 15 days interval.         ♣ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot         LIVESTOCKS         Livestock       Stage       Disease       Precautionary Practices to be followed         Pig       All stages       Swine fever       ★ Keep floor dry to avoid skin diseases.	♣ Hand weeding at 15 days interval.         ♣ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot         Livestock       Stage       Disease       Precautionary Practices to be followed         Pig       All stages       Swine fever       ★ Keep floor dry to avoid skin diseases.         ♣ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.         ♣ Swine fever vaccine at the age of 8- 10 week is recommended Critical heat detection in early morning and late evening is recommended.	Orange/Citrus Fr	ruiting Growth	miner Scab and	* *	Proper drainage should be ensured.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  Spray COC @ 0.25% after removing the infected branches Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and
Livestock         Stage         Disease         Precautionary Practices to be followed           Pig         All stages         Swine fever         ❖ Keep floor dry to avoid skin diseases.	Livestock       Stage       Disease       Precautionary Practices to be followed         Pig       All stages       Swine fever       ★ Keep floor dry to avoid skin diseases.         ★ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.       ★ Swine fever vaccine at the age of 8- 10 week is recommended Critical heat detection in early morning and late evening is recommended.	Ginger/Turmeric	Vegetative	Soft rot	*	Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7- 10 days interval for
Pig All stages Swine fever	Pig All stages Swine fever    * Keep floor dry to avoid skin diseases.  * Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.  * Swine fever vaccine at the age of 8- 10 week is recommended Critical heat detection in early morning and late evening is recommended.	LIVESTOCKS				
	<ul> <li>Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended Critical heat detection in early morning and late evening is recommended.</li> </ul>	Livestock	Stage	Disease		Precautionary Practices to be followed
and 10 weeks for indigenous pigs.  Swine fever vaccine at the age of 8- 10 week is recommende Critical heat detection in early morning and late evening recommended.		Pig	All stages	Swine fever	*	Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.  Swine fever vaccine at the age of 8- 10 week is recommended.  Critical heat detection in early morning and late evening is recommended.
	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247	Contact Scientis	sts (ICAR) or Stat	<mark>e Agril Staff or KVK</mark>		



## District Level Agro-met Advisory Bulletin



(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 2018



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

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

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

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Rainfall: 116.8 mm; T. Max: 33.0°C; T. Min: 24.0°C; RH: 75-100%	Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 30-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 94-96% and 61-90% respectively. Wind direction
Warning:	<ul> <li>is mainly variable with average wind speed range of 2-4 kmph.</li> <li>Heavy rain is very likely to occur at isolated places over Arunachal</li> </ul>
vi ai mig.	Pradesh on 31st Aug'2018 to 2nd Sept'18.

			Pradesh on 31st Aug'2018 to 2nd Sept'18.
<ul><li>On antic</li><li>Suspend</li><li>Do not go</li></ul>	AL RECOMMENT ipation of heavy rate all spray operation of for fertilizer/main rainage to all crop Stage  Booting and	ninfall: ns nure applications to avoid runoff DETAILS OF Pest/Disease Yellow stem	ADVISORIES FOR THE PERIOD  Precautionary Practices to be followed  Strict monitoring of Gundhi bug should be done.
	Panicle initiation	borer, Sheath blight Gundhi Bug	<ul> <li>Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li> <li>Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li> </ul>
VEGETABLES			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul> <li>Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li> <li>Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li> <li>Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li> </ul>
HORTICULT	URAL CROPS		
Orange/Citrus	Fruiting Growth	Trunk borer/ lea miner Scab and Felt disease	<ul> <li>Proper drainage should be ensured.</li> <li>For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li> <li>Spray COC @ 0.25% after removing the infected branches</li> <li>Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li> </ul>
Ginger/Turmeric	Ü	Soft rot	<ul> <li>Proper drainage should be ensured.</li> <li>Hand weeding at 15 days interval.</li> <li>Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li> </ul>
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul> <li>Keep floor dry to avoid skin diseases.</li> <li>Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> <li>Critical heat detection in early morning and late evening is recommended.</li> <li>Feed 5-10% green fodder of their diet</li> </ul>
Contact Scientific Contact Scien	entists (ICAR) or Sta	te Agril Staff or KV	K staff for measures against adverse conditions or call at 03795-226237/226247



## District Level Agro-met Advisory Bulletin

#### **Arunachal Pradesh**

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 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 9 <sup>th</sup> September 2018
Rainfall (Koloriang): 12.2 mm	Mostly/partly cloudy with possibility moderate to rather heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 26-27°C and 18-19°C respectively. Expected morning and
	evening relative humidity will be 99% and 54-82% respectively. Wind
	direction is mainly variable with average wind speed range of 2-4 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over
	Arunachal Pradesh on 8th Sept.

GENER	AL RECOMMEN	DATIONS					
On antio	On anticipation of heavy rainfall:						
	<ul> <li>Suspend all spray operations</li> </ul>						
_	<ul> <li>Do not go for fertilizer/manure applications</li> </ul>						
_	drainage to all cro						
	DETAILS OF ADVISORIES FOR THE PERIOD						
Crop	Stage	Pest/Disease	Precautionary Practices to	be followed			
FIELD CROPS			, and the second				
Rice	Booting and	Yellow stem	Weeding of the rice field may be don	e.			
	Panicle initiation	borer,	Strict monitoring of Gundhi bug				
		Sheath blight	collection and destruction of adults	and nymph at this stage of			
		Gundhi Bug	crop is highly effective in managing				
			Monitoring of crop against grayish d				
			starts just above water table (Sheath				
			detection of symptoms spraying of S	heathmar @ 3 gram per litre			
Jhum rice	Elevering/		of water is advised.	1			
Jiiuiii iice	Flowering/ maturity/		<ul> <li>Avoid harvesting during the period rainfall</li> </ul>	on anticipation of neavy			
	harvesting		Tamian				
VEGETABLE							
Okra &	Flowering/	Blister beetle/	Proper drainage should be ensured.				
Cucurbitaceous	fruiting/	fruit fly	Regular monitoring, collection and of	lestruction of beetles.			
crops	harvesting	ř	❖ Install pheromone traps @ 16-20 trap				
			The lure has to be replaced at every 2	0 days interval.			
	❖ Collect and destroy the infected fruits						
HORTICULTUR	AL CROPS						
	Fruiting		Plant basin should be kept weed free.				
Kiwifruit			Proper drainage should be ensured.				
T	Fruiting	Tea mosquito	❖ Shade management with the proper lo	onning of trace			
Large	Truiting	•	Shade management with the proper to	opping of frees			
cardamom		bug					
LIVESTOCKS	LIVESTOCKS						
Livestock	Stage	Disease	<ul><li>Precautionary Practices to be fol</li></ul>	lowed			
Yak			Feeding of concentrate feed along wi	th mineral mixture and salt.			
			<b>\Display</b> Hay feeding is recommended.	Trimming of hair is			
			recommended.				
Cattle, Sheep and			❖ Farmers are advised to look for heat				
Goat			morning or late evening and ensure	breeding of the dairy cattle			
			12 hr after observation of heat.	d he done 2/120 hm - 4			
			Breeding of the sheep/goat should observation of heat	i de done 24-30 nr atter			
			<ul> <li>Feeding of concentrate feed along w</li> </ul>	ith iaggery mineral mixture			
			and salt.	iai jaggery, ininerai inixtare			
			<ul> <li>Periodic application of fly repellents</li> </ul>	s and/or netting of dung pit			
			are recommended.				
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	for measures against adverse conditions or call	at 03795-226237/226247			





### District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 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 9 <sup>th</sup> September 2018
Rainfall: 116.0 mm (Tezu)	Partly/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 21-22°C respectively. Expected morning and
	evening relative humidity will be 89-97% and 60-71% respectively. Wind
	direction is mainly variable with average wind speed range of 2-6 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over
	Arunachal Pradesh on 8th Sept.

#### **GENERAL RECOMMENDATIONS**

• Suspend	all spray operation	ons	
• Do not g	o for fertilizer/ma	nure application	
Proper d	lrainage to all cro		
		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Booting and Panicle initiation	Yellow stem borer, <u>Sheath blight</u> <u>Gundhi Bug</u>	<ul> <li>Strict monitoring of Gundhi bug should be done.</li> <li>Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li> <li>Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li> </ul>
VEGETABLES			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul> <li>Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li> <li>Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li> <li>Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li> </ul>
HORTICULT	URAL CROPS		
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul> <li>Plant basin should be kept weed free.</li> <li>Proper drainage should be ensured.</li> <li>For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li> <li>Spray COC @ 0.25% after removing the infected branches</li> <li>Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li> </ul>
Ginger/Turmeric	Vegetative	Soft rot	<ul> <li>Proper drainage should be ensured.</li> <li>Hand weeding at 15 days interval.</li> <li>Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li> </ul>
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul> <li>Keep floor dry to avoid skin diseases.</li> <li>Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended.</li> </ul>
Contact Scientification	entists (ICAR) or Sta	te Agril Staff or KVK	Feed 5-10% green fodder of their diet  staff for measures against adverse conditions or call at 03795-226237/226247





### **Arunachal Pradesh**

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 





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 9 <sup>th</sup> September 2018
Rainfall (Roing): 35.6 mm	Partly/mostly cloudy with possibility of moderate to very heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 31-32°C and 21-22°C respectively. Expected morning and
	evening relative humidity will be 92-97% and 61-81% respectively. Wind
	direction is mainly variable with average wind speed range of 2-3 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over
	Arunachal Pradesh on 8th Sept.

	rainfall: ons nure applications p to avoid runoff	* * * * * * *	Precautionary Practices to be followed  Strict monitoring of Gundhi bug should be done.  Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population  Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
stage  Stage  ooting and icle initiation  Fruiting/ Iarvesting  L CROPS	yellow stem borer, Sheath blight Gundhi Bug  Fruit borer/ white fly/ late blight  Trunk borer/ leaf miner Scab and	* * * * * * *	Strict monitoring of Gundhi bug should be done.  Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population  Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
Stage  Ooting and icle initiation  Fruiting/ Iarvesting  L CROPS	yellow stem borer, Sheath blight Gundhi Bug  Fruit borer/ white fly/ late blight Trunk borer/ leaf miner Scab and	* * * * * * *	Strict monitoring of Gundhi bug should be done.  Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population  Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
Stage  Ooting and icle initiation  Fruiting/ Iarvesting  L CROPS	Pest/Disease  Yellow stem borer, Sheath blight Gundhi Bug  Fruit borer/ white fly/ late blight  Trunk borer/ leaf miner Scab and	* * * * * * *	Strict monitoring of Gundhi bug should be done.  Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population  Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
Stage  ooting and icle initiation  Fruiting/ Iarvesting  L CROPS	Pest/Disease  Yellow stem borer, Sheath blight Gundhi Bug  Fruit borer/ white fly/ late blight  Trunk borer/ leaf miner Scab and	* * * * * * * * * * * * * * * * * * *	Strict monitoring of Gundhi bug should be done.  Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population  Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
ooting and icle initiation  Fruiting/ Iarvesting  L CROPS	Yellow stem borer, Sheath blight Gundhi Bug  Fruit borer/ white fly/ late blight  Trunk borer/ leaf miner Scab and	* * * * * * * * * * * * * * * * * * *	Strict monitoring of Gundhi bug should be done.  Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population  Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
ooting and icle initiation  Fruiting/ Iarvesting  L CROPS	Yellow stem borer, Sheath blight Gundhi Bug  Fruit borer/ white fly/ late blight  Trunk borer/ leaf miner Scab and	* * * * * * * *	Strict monitoring of Gundhi bug should be done.  Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population  Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
Fruiting/ Iarvesting  L CROPS	Fruit borer/ white fly/ late blight  Trunk borer/ leaf miner Scab and	* * * * * * * *	Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
Fruiting/ Iarvesting  L CROPS	Fruit borer/ white fly/ late blight  Trunk borer/ leaf miner Scab and	* * * * * * * *	Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.  Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
L CROPS	white fly/ late blight  Trunk borer/ leaf miner Scab and	* *	at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
L CROPS	white fly/ late blight Trunk borer/ leaf miner Scab and	* *	at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free.  Proper drainage should be ensured.
	miner Scab and	*	Plant basin should be kept weed free. Proper drainage should be ensured.
	miner Scab and	*	Proper drainage should be ensured.
			For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  Spray COC @ 0.25% after removing the infected branches Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture
/egetative	Soft rot	*	Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot
Stage	Disease		Precautionary Practices to be followed
All stages	Swine fever	<b>*</b>	Keep floor dry to avoid skin diseases. Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.
	_	8	Stage Disease  Il stages Swine fever   *





(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 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 9 <sup>th</sup> September 2018
NA	Mostly cloudy with possibility of rather heavy to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 31-32°C and 21-22°C respectively. Expected morning and evening
	relative humidity will be 96-98% and 63-92% respectively. Wind direction
	is mainly variable with average wind speed range of 2-3 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal
	Pradesh on 8th Sept.

#### GENERAL RECOMMENDATIONS

	cipation of heavy r		
_	all spray operation		
_	o for fertilizer/ma		
• Proper o	lrainage to all cro		ADVISORIES FOR THE PERIOD
C	C40.00	Pest/Disease	
Crop FIELD CROPS	Stage	Pest/Disease	Precautionary Practices to be followed
Rice	Booting and	Yellow stem	Weeding of the rice field may be done.
Rice	Panicle initiation	borer, Sheath blight Gundhi Bug	<ul> <li>Weeding of the fice field may be done.</li> <li>Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.</li> <li>Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. Or detection of symptoms spraying of Sheathmar @ 3 gram per litro of water is advised.</li> </ul>
Jhum rice	Flowering/ maturity/ harvesting		Avoid harvesting during the period on anticipation of heavy rainfall
<b>VEGETABLE</b>	S		
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<ul> <li>Proper drainage should be ensured.</li> <li>Regular monitoring, collection and destruction of beetles.</li> <li>Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval.</li> </ul>
HORTICULTUR	AL CROPS		❖ Collect and destroy the infected fruits
HORTIGOZION	Fruiting		❖ Plant basin should be kept weed free.
Kiwifruit	8		<ul> <li>Proper drainage should be ensured.</li> </ul>
Large cardamom	Fruiting	Tea mosquito bug	❖ Shade management with the proper lopping of trees
LIVESTOCKS			
Livestock	Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>
Yak			* Feeding of concentrate feed along with mineral mixture and salt.
			Hay feeding is recommended. Trimming of hair is recommended.
Cattle, Sheep and Goat			<ul> <li>Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.</li> <li>Breeding of the sheep/goat should be done 24-30 hr after</li> </ul>
			<ul> <li>breeding of the sheep goar should be done 24-30 in and observation of heat</li> <li>Feeding of concentrate feed along with jaggery, mineral mixture</li> </ul>
			<ul> <li>and salt.</li> <li>Periodic application of fly repellents and/or netting of dung pi are recommended.</li> </ul>
Contact Scientist	s (ICAR) or State A	gril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247





### District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 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 9 <sup>th</sup> September 2018
Rainfall: 77.6 mm; T. Max: 36.0°C; T. Min:	Mostly cloudy with possibility of rather heavy to heavy rainfall. Daily
23.0°C; RH: 82-95%	maximum and minimum temperature for the following period is predicted to
	be 30-35°C and 24-25°C respectively. Expected morning and evening
	relative humidity will be 95-97% and 71-89% respectively. Wind direction
	is mainly variable with average wind speed range of 2-4 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal
	Pradesh on 8th Sept.

#### GENERAL RECOMMENDATIONS

all spray operation	ons		
irumuge to un ero		DVISORIES FOR THE PERIOD	
Stage	Pest/Disease	Precautionary Practices to be followed	
3			
Booting and Panicle initiation	Yellow stem borer, <u>Sheath blight</u> <u>Gundhi Bug</u>	<ul> <li>Strict monitoring of Gundhi bug should be done.</li> <li>Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li> <li>Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li> </ul>	
Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul> <li>Infected/dried leaves should be pruned and spray COC @ 0.25% at 7-10 days interval for management of late blight.</li> <li>Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li> <li>Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li> </ul>	
URAL CROPS			
Fruiting Growth	miner Scab and Felt disease	<ul> <li>Plant basin should be kept weed free.</li> <li>Proper drainage should be ensured.</li> <li>For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li> <li>Spray COC @ 0.25% after removing the infected branches</li> <li>Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li> </ul>	
Vegetative	Soft rot	<ul> <li>Proper drainage should be ensured.</li> <li>Hand weeding at 15 days interval.</li> <li>Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li> </ul>	
LIVESTOCKS			
Stage	Disease	Precautionary Practices to be followed	
All stages	Swine fever	<ul> <li>Keep floor dry to avoid skin diseases.</li> <li>Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>	
	Stage  Booting and Panicle initiation  Fruiting/ Harvesting  URAL CROPS  Fruiting Growth  Vegetative	Booting and Panicle initiation  Fruiting/ Harvesting  Fruiting Growth  Fruiting Growth  Fruiting Growth  Fruit borer/ white fly/ late blight  WRAL CROPS  Fruiting Growth  Fruit borer/ white fly/ late blight  Fruiting From Fruiting Growth  Fruiting Growth  Fruiting Growth  Fruit borer/ white fly/ late blight  Stage  Fruiting Growth  Fruit borer/ white fly/ late blight  Fruiting Growth  Fruit borer/ white fly/ late blight  Fruiting Growth  Fruiting Growth  Fruit borer/ white fly/ late blight  Stage  Disease	





### District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 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 9 <sup>th</sup> September 2018
Rainfall: 8.0 mm	Partly/Mostly cloudy with possibility of light/moderate rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 17-18°C and 08-09°C respectively. Expected morning and evening
	relative humidity will be 97-99% and 45-71% respectively. Wind direction
	is mainly variable with average wind speed range of 2-4 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal
	Pradesh on 8th Sept

#### GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

Suspend all spray operations

<ul> <li>Suspend</li> </ul>	all spray operation	ons		
<ul><li>Do not g</li></ul>	o for fertilizer/ma	nure applications	5	
Proper d	lrainage to all cro	p to avoid runoff		
		DETAILS OF A	DVISC	ORIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	8			
Rice	Booting and	Yellow stem	*	Weeding of the rice field may be done.
	Panicle initiation	borer,		Strict monitoring of Gundhi bug should be done. Manual
		Sheath blight Gundhi Bug		collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.
			*	Monitoring of crop against grayish discoloration on the stem that
				starts just above water table (Sheath Blight) should be done. On
				detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.
Jhum rice	Flowering/		*	Avoid harvesting during the period on anticipation of heavy
	maturity/			rainfall
	harvesting			
VEGETABLE				
Okra &	Flowering/	Blister beetle/		Proper drainage should be ensured.
Cucurbitaceous	fruiting/	fruit fly		Regular monitoring, collection and destruction of beetles.
crops	harvesting		*	Install pheromone traps @ 16-20 traps/ha for control of fruit fly.
				The lure has to be replaced at every 20 days interval.
			•	Collect and destroy the infected fruits
HORTICULTUR	AL CROPS			
	Fruiting		*	Plant basin should be kept weed free.
Kiwifruit			*	Proper drainage should be ensured.
Large	Fruiting	Tea mosquito	*	Shade management with the proper lopping of trees
cardamom		bug		
LIVESTOCKS				
	G4	D'		
Livestock	Stage	Disease		Precautionary Practices to be followed
Yak				Feeding of concentrate feed along with mineral mixture and salt.
			*	Hay feeding is recommended. Trimming of hair is recommended.
Cattle, Sheep and			*	Farmers are advised to look for heat sign especially during early
Goat				morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.
			*	Breeding of the sheep/goat should be done 24-30 hr after observation of heat
			*	Feeding of concentrate feed along with jaggery, mineral mixture
				and salt.
			*	Periodic application of fly repellents and/or netting of dung pit
				are recommended.
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247





#### **District Level Agro-met Advisory Bulletin Arunachal Pradesh**

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

No: AMFU-Basar/2018/71

Dated: Tue, 4th September, 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 9 <sup>th</sup> September 2018
Rainfall: 4.6 mm	Mostly cloudy with possibility moderate to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 30-35°C and 24-25°C respectively. Expected morning and evening
	relative humidity will be 94-95% and 61-77% respectively. Wind direction
	is mainly variable with average wind speed range of 4-5 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over
	Arunachal Pradesh on 8th Sept.

#### 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 Booting and Yellow stem Strict monitoring of Gundhi bug should be done. Panicle initiation borer. Manual collection and destruction of adults and nymph at this Sheath blight stage of crop is highly effective in managing pest population Gundhi Bug Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised. **VEGETABLES** Tomato Fruiting/ Fruit borer/ ❖ Infected/dried leaves should be pruned and spray COC @ 0.25% white fly/ late (inside Harvesting at 7-10 days interval for management of late blight. polyhouse) blight ❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times. ❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm HORTICULTURAL CROPS Trunk borer/leaf Orange/Citrus Fruiting Growth Plant basin should be kept weed free. miner Scab and Proper drainage should be ensured. Felt disease ❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended. Spray COC @ 0.25% after removing the infected branches Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture Ginger/Turmeric Vegetative Soft rot Proper drainage should be ensured. ❖ Hand weeding at 15 days interval. ❖ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot **LIVESTOCKS** Livestock Stage **Disease** Precautionary Practices to be followed Pig All stages Swine fever Keep floor dry to avoid skin diseases. ❖ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs. Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended. Feed 5-10% green fodder of their diet 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: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 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 9 <sup>th</sup> September 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 26-27°C and 18-19°C respectively. Expected morning and evening
	relative humidity will be 97-99% and 54-86% respectively. Wind direction
	is mainly variable with average wind speed range of 2-3 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.

#### GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

Suspend all spray operations

_	all spray operation					
~	o for fertilizer/man					
Proper dr	Proper drainage to all crop to avoid runoff					
		DETAILS OF A	DVISOR	IES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS						
Rice	Booting and Panicle initiation	Yellow stem borer, Sheath blight Gundhi Bug	* S c c c * N si d	Veeding of the rice field may be done.  Atrict monitoring of Gundhi bug should be done. Manual ollection and destruction of adults and nymph at this stage of rop is highly effective in managing pest population.  Monitoring of crop against grayish discoloration on the stem that tarts just above water table (Sheath Blight) should be done. On etection of symptoms spraying of Sheathmar @ 3 gram per litre f water is advised.		
Jhum rice	Flowering/ maturity/ harvesting			Avoid harvesting during the period on anticipation of heavy ainfall		
VEGETABLE	S					
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<b>*</b> I <b>*</b> Iı T	Proper drainage should be ensured. Regular monitoring, collection and destruction of beetles. Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval. Collect and destroy the infected fruits		
HORTICULTUR	AL CROPS			·		
Kiwifruit	Fruiting			Plant basin should be kept weed free. Proper drainage should be ensured.		
Large cardamom	Fruiting	Tea mosquito bug	* S	hade management with the proper lopping of trees		
LIVESTOCKS						
Livestock	Stage	Disease	<b>❖</b> P	recautionary Practices to be followed		
Yak			<b>⋄</b> F	Geeding of concentrate feed along with mineral mixture and salt.  Hay feeding is recommended. Trimming of hair is ecommended.		
Cattle, Sheep and Goat			n 1 * E o * F a * P	Farmers are advised to look for heat sign especially during early norning or late evening and ensure breeding of the dairy cattle 2 hr after observation of heat.  Breeding of the sheep/goat should be done 24-30 hr after bservation of heat Breeding of concentrate feed along with jaggery, mineral mixture and salt.  Beriodic application of fly repellents and/or netting of dung pit		
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK		re recommended.  easures against adverse conditions or call at 03795-226237/226247		





### District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 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 9 <sup>th</sup> September 2018
Daporijo: 10.2 mm	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 21-22°C respectively. Expected morning and evening
	relative humidity will be 99-100% and 55-87% respectively. Wind direction
	is mainly variable with average wind speed range of 2-3 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal
	Pradesh on 31st Aug'2018 to 2nd Sept'18

#### GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

On antic	On anticipation of heavy rainfall:					
<ul> <li>Suspend</li> </ul>	all spray operation	ons				
<ul><li>Do not g</li></ul>	Do not go for fertilizer/manure applications					
• Proper d	lrainage to all cro	p to avoid runoff	•			
	Ü			PRIES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS	J			·		
Rice	Booting and Panicle initiation	Yellow stem borer, Sheath blight Gundhi Bug	*	Strict monitoring of Gundhi bug should be done.  Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population  Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.		
VEGETABLES						
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	*	Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm		
HORTICULT	URAL CROPS					
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	* *	Plant basin should be kept weed free.  Proper drainage should be ensured.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  Spray COC @ 0.25% after removing the infected branches Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture		
Ginger/Turmeric	Vegetative	Soft rot	*	Proper drainage should be ensured.  Hand weeding at 15 days interval.  Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot		
LIVESTOCKS	5					
Livestock	Stage	Disease		Precautionary Practices to be followed		
Pig	All stages	Swine fever	*	Keep floor dry to avoid skin diseases.  Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.  Swine fever vaccine at the age of 8- 10 week is recommended.  Critical heat detection in early morning and late evening is recommended.  Feed 5-10% green fodder of their diet		
Contact Sci	ontists (ICAD) on Stat	to A guil Stoff on IZVIZ		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





#### **District Level Agro-met Advisory Bulletin Arunachal Pradesh**

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

**No: AMFU-Basar/2018/71** 

Dated: Tue, 4th September, 2018



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

### ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Rainfall = Bomdila: NA; Bhalukpong: 103.7	Mostly cloudy with possibility moderate to heavy rain. Daily maximum
mm; Kalaktang: 6.4 mm	and minimum temperature for the following period is predicted to be 26-
	27°C and 18-19°C respectively. Expected morning and evening relative
	humidity will be 97-99% and 55-85% respectively. Wind direction is mainly
	variable with average wind speed range of 2-5 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal
	Pradesh on 8th Sept

#### GENERAL RECOMMENDATIONS

_	all spray operation o for fertilizer/man					
0	Proper drainage to all crop to avoid runoff					
		<b>DETAILS OF A</b>	ADVISO	RIES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS						
Rice	Booting and Panicle initiation	Yellow stem borer, Sheath blight Gundhi Bug	*	Weeding of the rice field may be done.  Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.  Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.		
Jhum rice	Flowering/ maturity/ harvesting		*	Avoid harvesting during the period on anticipation of heavy rainfall		
VEGETABLE	S					
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<b>*</b>	Proper drainage should be ensured.  Regular monitoring, collection and destruction of beetles.  Install pheromone traps @ 16-20 traps/ha for control of fruit fly.  The lure has to be replaced at every 20 days interval.  Collect and destroy the infected fruits		
HORTICULTUR	AL CROPS	<u>'</u>				
Kiwifruit	Fruiting			Plant basin should be kept weed free. Proper drainage should be ensured.		
Large cardamom	Fruiting	Tea mosquito bug	*	Shade management with the proper lopping of trees		
LIVESTOCKS						
Livestock	Stage	Disease	*	Precautionary Practices to be followed		
Yak				Feeding of concentrate feed along with mineral mixture and salt. Hay feeding is recommended. Trimming of hair is recommended.		
Cattle, Sheep and Goat			*	Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.  Breeding of the sheep/goat should be done 24-30 hr after observation of heat Feeding of concentrate feed along with jaggery, mineral mixture		
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	*	and salt.  Periodic application of fly repellents and/or netting of dung pit are recommended.  measures against adverse conditions or call at 03795-226237/226247		



## District Level Agro-met Advisory Bulletin

#### **Arunachal Pradesh**



No: AMFU-Basar/2018/71

Dated: Tue, 4th September, 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 9 <sup>th</sup> September 2018
Rainfall: 25.8 mm, Max. T: 31.0°C, Min. T: 22.0°C,	Mostly cloudy with possibility moderate to heavy rainfall. Daily maximum and
Wind Speed: 4-6 km/h, RH: 59-91%, Wind Direction: WNW	minimum temperature for the following period is predicted to be 30-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 98-99% and 59-91% respectively. Wind direction is mainly variable with average wind
	speed range of 2-3 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.

#### GENERAL RECOMMENDATIONS

Rice   Booting and Panicle initiation   Panicle i		all spray operation			
Past/Disease   Precautionary Practices to be followed	• • • • • • • • • • • • • • • • • • •				
Rice Rice Booting and Panicle initiation Panicle in	• Proper d	irainage to all cro			
Rice Rice Rice Rice Rice Rooting and Panicle initiation Panicle initiation Panicle initiation Rooter, Sheath blight Gundhi Bug Rooting and Panicle initiation Rooter, Sheath blight Gundhi Bug Rooting of Gundhi bug should be done. Annual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population Monitoring of crop against grayish discoloration on the stem the starts just above water table (Sheath Blight) should be done. Of detection of symptoms spraying of Sheathmar @ 3 gram per litt of water is advised.  **VEGETABLES** Tomato Ginside Polyhouse) Rooting Harvesting Pruiting/Ginside Polyhouse Plight Riceted/dried leaves should be pruned and spray COC @ 0.25% at 7-10 days interval for management of late blight. Application of petroleum agrospray @ 10ml/litre or neem oil (1500 pm) @ 5 ml/litre or neamoning of sundary for 2-3 times. Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Plant basin should be kept weed free. Proper drainage should be ensured. For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 pm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  **Plant basin should be kept weed free. **Proper drainage should be ensured. **Proper drainage should be ensured. **Spray COC @ 0.25% after removing the infected branches Regular monitoring for detection of trunk borre infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  Proper drainage should be ensured.  **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper drainage should be ensured. **Proper d	Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
Panicle initiation   borer,   Sheath blight   Gundhi Bug   Wannal collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population   Monitoring of crop against grayish discoloration on the stem the starts just above water table (Sheath Blight) should be done. O detection of symptoms spraying of Sheathmar @ 3 gram per litt of water is advised.    VEGETABLES	FIELD CROPS	<u> </u>			
Tomato (inside polyhouse)    Harvesting			borer, <a href="mailto:borer">Sheath blight</a>	<ul> <li>Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li> <li>Monitoring of crop against grayish discoloration on the stem tha starts just above water table (Sheath Blight) should be done. Or detection of symptoms spraying of Sheathmar @ 3 gram per litre</li> </ul>	
(inside polyhouse)  Harvesting blight  Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.  Installation of sex pheromone traps @ 2-3 traps/1000 sqm  Fruiting Growth  Fruiting Growth  Fruiting Growth  Felt disease  Fruiting Growth  Felt disease  Froi leaf miner Scab and Felt disease  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre at 15 days interval for 2-3 times is recommended.  For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.  Spray COC @ 0.25% after removing the infected branches  Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  Ginger/Turmeric  Vegetative  Soft rot  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Proper drainage should be ensured.  Hand weeding at 15 days interval.  Some for to detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture  From the detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed.  Proper drainage should be ensured.  Hand weeding at 15 days i	VEGETABLES				
Pruiting Growth   Fruiting Growth   Fruiting Growth   Felt disease   Felt dise	(inside	•	white fly/late	❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.	
miner Scab and Felt disease  ### Proper drainage should be ensured.  ### Proper drain	HORTICULTU	URAL CROPS			
Intervention of the process of the	ŭ	Ç	miner Scab and Felt disease	<ul> <li>Proper drainage should be ensured.</li> <li>For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li> <li>Spray COC @ 0.25% after removing the infected branches</li> <li>Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li> </ul>	
Livestock Stage Disease Precautionary Practices to be followed  Pig All stages Swine fever ★ Keep floor dry to avoid skin diseases.  ★ Weaning is recommended at the age of 8 weeks for crossbred and 10 weeks for indigenous pigs.  ★ Swine fever vaccine at the age of 8- 10 week is recommended.  Critical heat detection in early morning and late evening in recommended.  ★ Feed 5-10% green fodder of their diet	Ginger/Turmeric	Vegetative	Soft rot	<ul> <li>Hand weeding at 15 days interval.</li> <li>Drenching with COC @ 0.25% at 7- 10 days interval for</li> </ul>	
Livestock       Stage       Disease       Precautionary Practices to be followed         Pig       All stages       Swine fever       ★ Keep floor dry to avoid skin diseases.         ★ Weaning is recommended at the age of 8 weeks for crossbred and 10 weeks for indigenous pigs.       ★ Swine fever vaccine at the age of 8- 10 week is recommended.         Critical heat detection in early morning and late evening in recommended.       ★ Feed 5-10% green fodder of their diet	LIVESTOCKS			management of port for	
Pig All stages Swine fever    * Keep floor dry to avoid skin diseases.  * Weaning is recommended at the age of 8 weeks for crossbred and 10 weeks for indigenous pigs.  * Swine fever vaccine at the age of 8- 10 week is recommended.  Critical heat detection in early morning and late evening is recommended.  * Feed 5-10% green fodder of their diet			Disease	Precautionary Practices to be followed	
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Commence of the contract of th	Contact Scient	entists (ICAR) or Stat	te Agril Staff or KVK		