



District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 1st to 5th September, 2018)

No: AMFU-Basar/2018/70

Dated: Fir, 31st 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 5 th September 2018
No weather summary available	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 18-19°C respectively. Expected morning and
	evening relative humidity will be 98-99% and 59-75% respectively. Wind
	direction is mainly variable with average wind speed range of 2 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

GENER	AL RECOMMEN	IDATIONS	
On antic	cipation of heavy r	ainfall:	
 Suspend 	all spray operation	ons	
_	go for fertilizer/ma		S
_	drainage to all cro		
110per c	in the second se	<u> </u>	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	Stage	1 est/Discuse	Treatment of Tuestees to be followed
Rice	Booting and	Yellow stem	❖ Weeding of the rice field may be done.
	Panicle initiation	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.
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	 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		
	Fruiting		❖ Plant basin should be kept weed free.
Kiwifruit			❖ 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
			 and salt. Periodic application of fly repellents and/or netting of dung pit
Contact Scientist	s (ICAR) or State A	gril Staff or KVK	are recommended. 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: CHANGLANG

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

Weather summery of the previous week	Weather forecast valid up to 5 th September 2018
Rainfall = Changlang: NA Miao: 29.2 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 32-34°C and 24-25°C respectively. Expected morning and
	evening relative humidity will be 97-99% and 64-88% 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.

			Arunachal Pradesh on 31st Aug 2018 to 2nd Sept 18.
On antic Suspend Do not g		rainfall: ons anure applications op to avoid runoff	
Cuan	Stage	Pest/Disease	Precautionary Practices to be followed
Crop FIELD CROPS	Stage	r est/Disease	Frecautionary Fractices to be followed
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			
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
Ginger/Turmeric	Vegetative	Soft rot	 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
LIVESTOCKS	3		
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





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(Period: 1st to 5th September, 2018)

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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 5 th September 2018
Rainfall = 0.0 mm	Partly cloudy with possibility of moderate to rather heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27-28°C and 18-19°C respectively. Expected morning and evening
	relative humidity will be 99% and 62-75% respectively. Wind direction is
	mainly variable with average wind speed range of 2kmph.
Warning:	Heavy rain is very likely to occur at isolated places over
	Arunachal Pradesh on 31st Aug'2018 to 2nd Sept'18.

	GENERAL RECOMMENDATIONS			
	ipation of heavy r			
 Suspend 	all spray operation	ons		
Do not g	o for fertilizer/ma	nure application		
• Proper d	lrainage to all cro	p to avoid runoff		
		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, 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)			
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	 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		Concet and destroy the infected fights	
Kiwifruit	Fruiting		 Plant basin should be kept weed free. Proper drainage should be ensured. 	
	Emilia -	T		
Large cardamom	Fruiting	Tea mosquito bug	Shade management with the proper lopping of trees	
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Yak	~	_ == 5000	 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 and salt. Periodic application of fly repellents and/or netting of dung pit are recommended. 	



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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 5 th September 2018
Rainfall = 4.2 mm	Mostly/partly cloudy with possibility of rather heavy to heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 31-33°C and 22-23°C respectively. Expected morning and
	evening relative humidity will be 96-100% and 61-74% respectively. Wind
	direction is mainly variable with average wind speed range of 2 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

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)		ripation of heavy 1		
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	=	- • -		
Pest/Disease Pest/Disease Precautionary Practices to be followed	_		- -	
Precautionary Practices to be followed	Proper d	lrainage to all cro		
Rice Booting and Panicle initiation Panicle initiat				
Rice Booting and Panicle initiation Sorter Sorter monitoring of Gundhi bug should be done. A 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		Stage	Pest/Disease	Precautionary Practices to be followed
Panicle initiation Sorter, Sheath blight Gundhi Bug Sincert belight Gundhi Bug Sincert belight Gundhi Bug Sincert belight Sincert beligh				
Tomato (inside polyhouse) Harvesting			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) Harvesting polyhouse) Horricultural crops Orange/Citrus Fruiting Growth Felt disease Fredit disease From the 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. 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 ppm) @ 5 ml/litre at 15 days interval for 2-3 times. 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. 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, 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 at 15 days interval for 2-3 times is recommended at 15 days interval for 2-3 times is recommended at 15 days interval for 2-3 times is recommended at 15 days interval for 2-3 times is recommended at 15 days interval for 2-3 times is recommended at 15 days interval for 2-3 times is recommended at 15 days interval for 2-3 times is recommended at 15 days i	VEGETABLES			
Orange/Citrus Orange/Citrus Fruiting Growth Felt disease Felt disease Felt disease 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. 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, 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 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 poll/litre at 15 days interval for 2-3 times is recommended. For leaf miner and aphids management of otocommended. For leaf miner and aphids management of otocommended. F	(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
Orange/Citrus Orange/Citrus Fruiting Growth Felt disease Felt disease Felt disease 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. 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, 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 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 poll/litre at 15 days interval for 2-3 times is recommended. For leaf miner and aphids management of otocommended. For leaf miner and aphids management of otocommended. F				❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm
miner Scab and Felt disease miner Scab and 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. 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. Pegular 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	HORTICULT	URAL CROPS		
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	J	J	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
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	Ginger/Turmeric	Vegetative	Soft rot	 Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7- 10 days interval for
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	LIVESTOCKS	3		
 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 	Livestock	Stage	Disease	Precautionary Practices to be followed
	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 Scientification	entists (ICAR) or Stat	te Agril Staff or KVK	



District Level Agro-met Advisory Bulletin





No: AMFU-Basar/2018/70

Dated: Fir, 31st August, 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 5 th September 2018
Rainfall: 32.5 mm; T. Max: 34.0°C; T. Min: 24.0°C; RH: 86-100%	Mostly/partly cloudy with possibility of moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 32-34°C and 24-25°C respectively. Expected morning and evening relative humidity will be 95-99% and 62-84% 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

GENERA	AL RECOMMEN	DATIONS		
On antic	On anticipation of heavy rainfall:			
 Suspend 	all spray operation	ns		
	o for fertilizer/mar			
 Proper d 	rainage to all crop			
		DETAILS OF	ADVISO	ORIES 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%
(inside	Harvesting	white fly/ late		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.
HODELCHI EI	UDAL CDODG		*	Installation of sex pheromone traps @ 2-3 traps/1000 sqm
HORTICULT		TD 1.1 /1 0		N . 1 . 1 . 1 . 1
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf		Plant basin should be kept weed free.
		miner Scab and Felt disease		Proper drainage should be ensured.
		Ten 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	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 KVK	staff for	measures against adverse conditions or call at 03795-226237/226247



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Arunachal Pradesh

(Period: 1st to 5th September, 2018)

No: AMFU-Basar/2018/70

Dated: Fir, 31st August, 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 5 th September 2018
Rainfall (Koloriang): NA	Mostly/partly cloudy with possibility moderate to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27-28°C and 18-19°C respectively. Expected morning and evening
	relative humidity will be 97-99% and 57-73% 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 31st Aug'2018 to 2nd Sept'18.

GENER	AL RECOMMEN	DATIONS			
	cipation of heavy r				
	Suspend all spray operations				
_	go for fertilizer/ma				
_	drainage to all cro				
Troper	ir umage to un ero		ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS	Stage	1 est/Discuse	Treatment of the real of the r		
Rice	Booting and	Yellow stem	❖ Weeding of the rice field may be done.		
	Panicle initiation	borer,	Strict monitoring of Gundhi bug should be done. Manus		
		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. O		
			detection of symptoms spraying of Sheathmar @ 3 gram per litt		
			of water is advised.		
Jhum rice	Flowering/		Avoid harvesting during the period on anticipation of heav		
	maturity/		rainfall		
VEGETABLE	harvesting				
Okra &	Flowering/	Blister beetle/	♣ Droper drainage should be ensured		
Cucurbitaceous	fruiting/	fruit fly	 Proper drainage should be ensured. Regular monitoring, collection and destruction of beetles. 		
crops	harvesting	iruit iry	 Regular monitoring, confection and destruction of beeties. Install pheromone traps @ 16-20 traps/ha for control of fruit fly. 		
or op s	in the string		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					
Livestock	Stage	Disease	❖ Precautionary Practices to be followed		
Yak	Suge	Discuse	Feeding of concentrate feed along with mineral mixture and salt		
1 ak			 Preeding of concentrate feed along with fillneral infixture and safe Hay feeding is recommended. Trimming of hair 		
			recommended.		
Cattle, Sheep and			Farmers are advised to look for heat sign especially during earl		
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 p 		
Contract	ontists (ICAD) Ct	o A guil Claree TZTZZ	are recommended.		
Contact Sci	enusts (ICAK) or Stat	e Agrii Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247		





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 1st to 5th September, 2018)

No: AMFU-Basar/2018/70

Dated: Fir, 31st 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 5 th September 2018
Rainfall: 96.0 mm (Tezu)	Partly cloudy with possibility of moderate to rather heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 31-33°C and 22-23°C respectively. Expected morning and evening
	relative humidity will be 95-99% and 60-80% 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

-	 Suspend all spray operations Do not go for fertilizer/manure applications 				
_	rainage to all cro				
- Troper u	ramage to an ero		ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS	a ang				
Rice	Booting and Panicle initiation	Yellow stem borer, <u>Sheath blight</u> <u>Gundhi Bug</u>	 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 		
HORTICULTU	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					
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. 		
Contact Scient	entists (ICAR) or Stat	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

Dated: Fir, 31st 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 5 th September 2018
Rainfall (Roing): 21.9 mm	Partly cloudy with possibility of moderate to rather heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 32-33°C and 22-23°C respectively. Expected morning and evening
	relative humidity will be 96-100% and 63-79% 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.

CENED	AL DECOMMEN	TD A TELONIC		
	AL RECOMMEN			
	ipation of heavy i			
_	all spray operation			
_		nure applications		
Proper d	lrainage to all cro	p to avoid runoff		
	-		ADVISO	PRIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	- · · · · ·	** 11		
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			The state of the s
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				
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 Scient	entists (ICAR) or Sta	te Agril Staff or KVK		measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin



No: AMFU-Basar/2018/70

Dated: Fir, 31st 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 5 th September 2018
NA	Mostly cloudy with possibility of moderate to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 31-33°C and 22-23°C respectively. Expected morning and evening
	relative humidity will be 98-100% and 71-92% 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 31st Aug'2018 to 2nd Sept'18.

GENERAL RECOMMENDATIONS

On antic	cipation of heavy r	eainfall:		
	all spray operation			
Do not go for fertilizer/manure applications				
_	lrainage to all cro			
-		DETAILS OF A	ADVISC	ORIES 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>	*	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	*	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
HORTICULTURAL CROPS				
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 and salt. Periodic application of fly repellents and/or netting of dung pit are recommended.





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 1st to 5th September, 2018)

No: AMFU-Basar/2018/70

Dated: Fir, 31st 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 5 th September 2018
Rainfall: 37.3 mm; T. Max: 34.0°C; T. Min:	Mostly cloudy with possibility of rather heavy to heavy rainfall. Daily
23.0°C; RH: 86-95%	maximum and minimum temperature for the following period is predicted to
	be 32-34°C and 24-25°C respectively. Expected morning and evening
	relative humidity will be 96-99% and 75-88% 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: • Suspend all spray operations			
_	o for fertilizer/ma		S	
 Proper d 	lrainage to all cro	p to avoid runoff		
		DETAILS OF A	ADVISO	ORIES 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>	*	Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population
VEGETABLES				
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	*	(1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.
HORTICULT	URAL CROPS			
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and 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.
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK		Feed 5-10% green fodder of their diet measures against adverse conditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 1st to 5th September, 2018)

No: AMFU-Basar/2018/70

Dated: Fir, 31st August, 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 5 th September 2018
Rainfall: 44.0 mm	Partly/Mostly cloudy with possibility of light to rather heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 18-19°C and 09-10°C respectively. Expected morning and
	evening relative humidity will be 98-99% and 55-79% 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:

 Suspend 	all spray operation	ons			
_	o for fertilizer/ma				
Proper d	Proper drainage to all crop to avoid runoff DETAILS OF ADVISORIES FOR THE PERIOD				
	G.		ADVISC		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS	D (* 1	X7 11		XX 1' C.1 ' C'11 1 1	
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					
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	*	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		•	Concet and destroy the infected fraits	
1101111002101	Fruiting		**	Plant basin should be kept weed free.	
Kiwifruit	Tronung			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	
			*	and salt. Periodic application of fly repellents and/or netting of dung pit are recommended.	





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 1st to 5th September, 2018)

No: AMFU-Basar/2018/70

Dated: Fir, 31st August, 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 5 th September 2018
Rainfall: 28.8 mm	Mostly/partly cloudy with possibility moderate to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 32-34°C and 24-25°C respectively. Expected morning and evening
	relative humidity will be 94-97% and 63-86% 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 31st Aug'2018 to 2nd Sent'18.

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 Orange/Citrus Fruiting Growth Trunk borer/leaf 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 Vegetative Ginger/Turmeric 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.

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

Feed 5-10% green fodder of their diet





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 1st to 5th September, 2018)

No: AMFU-Basar/2018/70

Dated: Fri, 31st 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 5 th September 2018
Rainfall: NA	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 18-19°C respectively. Expected morning and
	evening relative humidity will be 99% and 60-75% respectively. Wind
	direction is mainly variable with average wind speed range of 2 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 28th,29th & 31st Aug'2018.

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

 Suspend 	all spray operations	s		
•	o for fertilizer/man			
	rainage to all crop t			
o Troper di	ramage to an crop t		ADVISO	ORIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	g			
Rice	Booting and	Yellow stem	*	Weeding of the rice field may be done.
	Panicle initiation	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.
Jhum rice	Flowering/ maturity/ harvesting		*	Avoid harvesting during the period on anticipation of heavy rainfall
VEGETABLE				
Okra &	Flowering/	Blister beetle/	*	Proper drainage should be ensured.
Cucurbitaceous	fruiting/	fruit fly		6,
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	a. I	~ .		
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.





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 1st to 5th September, 2018)

No: AMFU-Basar/2018/70

Dated: Fir, 31st 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 5 th September 2018		
Daporijo: 36.2 mm	Mostly/partly cloudy with possibility of moderate to rather heavy		
	rainfall. Daily maximum and minimum temperature for the following		
	period is predicted to be 31-33°C and 22-23°C respectively. Expected		
	morning and evening relative humidity will be 99-100% and 58-76%		
	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 31st Aug'2018 to 2nd Sept'18		

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

_	Suspend all spray operations			
Do not go for fertilizer/manure applications				
Proper of	Proper drainage to all crop to avoid runoff DETAILS OF ADVISORIES FOR THE PERIOD			
C	C4			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
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	Ü	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	S			
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.

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

Feed 5-10% green fodder of their diet





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 1st to 5th September, 2018)

No: AMFU-Basar/2018/70

Dated: Fir, 31st 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 5 th September 2018		
Rainfall = Bomdila: NA; Bhalukpong: 133.6	Mostly cloudy with possibility rather heavy to heavy rain. Daily		
mm; Kalaktang: 14.9 mm	maximum and minimum temperature for the following period is predicted to		
	be 27-28°C and 18-19°C respectively. Expected morning and evening		
	relative humidity will be 98-99% and 67-75% 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:

 Suspend all spray operations Do not go for fertilizer/manure applications 				
	Proper drainage to all crop to avoid runoff			
•			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	 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				
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	 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	❖ 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 	
			and salt. Periodic application of fly repellents and/or netting of dung pit are recommended.	



District Level Agro-met Advisory Bulletin





No: AMFU-Basar/2018/70

Dated: Fir, 31st August, 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 5 th September 2018
Rainfall: 19.8 mm, Max. T: 32.0°C, Min. T: 22.0°C, Wind Speed: 4-6 km/h, RH: 61-93%, Wind Direction: NNE	Mostly/partly cloudy with possibility rather heavy to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 32-34°C and 24-25°C respectively. Expected morning and evening relative humidity will be 99-100% and 61-80% respectively. Wind direction is mainly variable with
Warning:	average wind speed range of 2-3 kmph. Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 31st Aug'2018 to 2nd Sept'18.

GENERAL RECOMMENDATIONS

• Suspend	all spray operation	ons	
J	o for fertilizer/ma		
• Proper d	lrainage to all cro		ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	0		·
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 the 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 litter 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
HORTICULTU	URAL CROPS		
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf 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. Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot
LIVESTOCKS	3		
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 recommended.
Contact Scie	entists (ICAR) or Stat	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