



District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 26th to 29th July, 2018)

No: AMFU-Basar/2018/59

Dated: Tue, 24th July, 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 29 th July 2018
No weather summary available	Partly/Mostly cloudy with possibility of light to rather heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 22-23°C and 16°C respectively. Expected morning and
	evening relative humidity will be 98-100% and 56-72% respectively. Wind
	direction is mainly E & SE with average wind speed range of 2-4 kmph.
Warning:	Heavy rainfall is very likely to occur at isolated places on 27th & 28th July 2018

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CENTED	AL DECOMMEN	IDATIONS			
	RAL RECOMMEN				
	On anticipation of heavy rainfall:				
_	l all spray operatio				
-	go for fertilizer/ma				
• Proper	drainage to all cro				
			ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS					
Jhum Rice	Active tillering	Yellow stem	* Make structures to avoid runoff in the slope,		
	stage/ panicle initiation	borer	❖ Install yellow stem borer pheromone traps to trap the adults,		
Maize	Silking stage/cob	Soybean	Spraying of Quinalphos 25 EC 2ml/litre of water is advised,		
	formation	looper/Stem	Monitor the crop against attack of insect pests,		
		borer	❖ Intercropping with legumes & cassava can reduce the incidence		
			of stem borer infestation,		
D1 1/	TT		* Make proper drainage in the crop field,		
Black/green	Harvesting		Avoid stagnation of water,		
gram			 Stage wise harvesting of black/green gram, 		
			 Light interculture operations is advised, 		
❖ VEGETA	<u> </u>				
Cucurbits	Fruiting	Fruit fly	MANAGEMENT OF FRUIT FLY IN CUCURBITS		
		(l-:-l-	Collection/destruction of all infested fruits in the field.		
		(high incidence	 Dusting crop with Malathion/Dipterex Powder in the affected 		
		reported)	filed.		
		reported)	 Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 		
			gm and water @ 1 gallon is most effective of controlling of this		
			pest.		
			 Use fruit fly specific pheromone traps. 		
HORTICIII.T	URAL CROPS		coordinately specific pheromone crups.		
Banana	All stages		Removal of dried leaves,		
Danalla	III stuges		 ❖ In crops infested with Sigatoka leaf spots, spraying of 0.1% 		
			Propiconazol (e.g. Tilt) by adding a wetting agent,		
			Periodical removal of side suckers by cutting above the ground		
			level		
			Basin cleaning,		
Kiwi	Fruiting		❖ Weeding		
			 Avoid water stagnation around the crop, 		
LIVESTOCKS	S				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pig	Pigs/ Piglets	Worms	Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only		
Goat/Sheep	All	Worms	 Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight. 		
Contact Scientist	ts (ICAR) or State A	gril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247		





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

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 29 th July 2018
Rainfall = Changlang: NA Miao: 32.0 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 31-33°C and 24-25°C respectively. Expected morning and
	evening relative humidity will be 93-100% and 54-74% respectively. Wind
	direction is mainly ESE & SE with average wind speed range of 3-4 kmph.
Warning:	Heavy rainfall is very likely to occur at isolated places on
	27th & 28th July 2018

	•	•
		poultry
drainage to all cro	_	DAMCODIEC FOR THE PEDIOD
T gr		DVISORIES FOR THE PERIOD
	Pest/Disease	Precautionary Practices to be followed
	Vallary Ctarr	* Transplanting should not be unclosed further
i ranspianting/		Transplanting should not be prolonged further.
		To control Leaf folder, close the water outlets of the plot and
Vegetative	2001 101001	apply mud balls treated with kerosene @ 4-6 balls followed by
, egetati , e		rope treatment. If population is high apply insecticide under
II.		proper guidance from State line department or KVK,
Harvesting		• Avoid stagnation of water,
		 In maize, harvest mature cobs, Light interculture operations is advised,
ADLEC		Light interculture operations is advised,
	T	MANAGENTENE OF FRANK BY WANG CHOUSE RATE
Fruiting	Fruit fly	MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field.
		 Conection/destruction of an infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected
		filed.
		❖ Use of bait traps prepared from protein hydrolyzate @ 450 gm,
		Malathion or Dipterex water dispersible powder (25 %) @ 450
		gm and water @ 1 gallon is most effective of controlling of this
		pest.
		Use fruit fly specific pheromone traps.
Fruit setting	Phytopthora wilt	Removal of water shoots,
		❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,
		To protect the crop against attack of Phytopthora wilt, avoid
		stagnation of water in the cropped area,
OCKS		singlimion of water in the eropped area,
Stage	Disease	Precautionary Practices to be followed
	Worms	Protect birds from rain by hanging plastic sheet around the
0		shed,
1		 Provide clean drinking water to the birds,
		Trovide clean drinking water to the birds,
		 In present weather conditions deworm the birds with
		9
	Stage Transplanting Vegetative Harvesting ABLES Fruiting	Stage Pest/Disease Transplanting/ Yellow Stem Borer (YSB) Leaf folder Vegetative Fruiting Fruit fly CULTURAL CROPS Fruit setting Phytopthora wilt OCKS Stage Disease





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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 29 th July 2018
Rainfall = 1.0 mm (Anini)	Partly/Mostly cloudy with possibility of moderate to rather heavy
	rainfall. Daily maximum and minimum temperature for the following
	period is predicted to be 28-30°C and 23-24°C respectively. Expected
	morning and evening relative humidity will be 99% and 56-69%
	respectively. Wind direction is mainly SE & SSE with average wind speed
	range of 2-3 kmph.
Warning:	 Heavy rainfall is very likely to occur at isolated places on 27th & 28th
	July 2018

On anticipation of heavy rainfall: Suspend all spray operations Do not go for fertilizer/manure applications Proper drainage to all crop to avoid runoff DETAILS OF ADVISORIES FOR THE PERIOD Crop Stage Pest/Disease Precautionary Practices to be followed FIELD CROPS Jhum Rice Active tillering stage/ panicle initiation Maize Silking stage/cob formation borer borer initiation Maize Silking stage/cob formation looper/Stem borer borer First Developer/Stem borer Black/green gram Black/green gram Fruiting Fruiting Fruit fly (high incidence reported) Fruiting Fruit fly Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed. Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. Use fruit fly specific pheromone traps. HORTICULTURAL CROPS Banana All stages Fruiting Proteing Protein special sample of the protein hydrolyzate with grant grant with grant protein hydrolyzate with grant grant grant grant with grant gr	GENER	RAL RECOMMEN	DATIONS			
Proper drainage to all crop to avoid runoff Proper drainage to all crop to avoid runoff Proper drainage to all crop to avoid runoff	On anti	On anticipation of heavy rainfall:				
Proper drainage to all crop to avoid runoff Crop						
Proper drainage to all crop to avoid runoff Crop	_					
Pest/Disease Pest/Disease Precautionary Practices to be followed	`	-				
Pield Crops		g			ORIES FOR THE PERIOD	
Pield Crops	Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
Active tillering stage/panicle initiation Solybean			1 est Discuse		1100mmily 11mmices to be 10mmile	
Stage/ panicle initiation Solking stage/cob formation Solking stage stage stage stage stage stage stage with legumes & Cassava can reduce the incidence of stem borer infestation, Solking stage with legumes & Cassava can reduce the incidence of stem borer infestation, Solking stage with legumes & Cassava can reduce the incidence of stem borer pagainst attack of insect pests, Monitor the crop against attack of insect pests, Intercropping with legumes & Cassava can reduce the incidence of stem borer infestation, Solking stage stem borer pagainst attack of insect pests, Monitor the crop against attack of insect pests, Management Man			Yellow stem	*	Make structures to avoid runoff in the slope	
Formation looper/Stem borer Stem St		stage/ panicle			•	
Black/green gram	Maize		•			
Black/green gram Cucurbits Fruiting Fruit fly MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed. Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. Use fruit fly specific pheromone traps. HORTICULTURAL CROPS Banana All stages All stages Removal of dried leaves, In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent, Periodical removal of side suckers by cutting above the ground level Basin cleaning, Kiwi Fruiting Fruiting Pigs/ Piglets Worms Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.		formation			1 0	
Black/green gram * Avoid stagnation of water,			borer		of stem borer infestation,	
Stage wise harvesting of black/green gram, Light interculture operations is advised, VEGETABLES Cucurbits Fruiting Fruit fly (high incidence reported) (high incidence reported) Very of the post o						
★ Useget Ables Cucurbits Fruiting Fruit fly MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Collection/destruction of all infested fruits in the field. Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed. Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. Use fruit fly specific pheromone traps. HORTICULTURAL CROPS Banana All stages Removal of dried leaves, In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent, Periodical removal of side suckers by cutting above the ground level Basin cleaning, Weeding Avoid water stagnation around the crop, LIVESTOCKS Livestock Stage Disease Pig Pigs/ Piglets Worms Coat/Sheep All Worms Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.	-	Harvesting				
Cucurbits Fruiting Fruit fly (high incidence reported) HORTICULTURAL CROPS Banana All stages All stages Kiwi Fruiting Kiwi Fruiting Kiwi Fruiting Fruiting Fruit fly (high incidence reported) Kiwi Fruiting K	gram					
Cucurbits				*	Light interculture operations is advised,	
** Collection/destruction of all infested fruits in the field. ** Dusting crop with Malathion/Dipterex Powder in the affected filed. ** Dusting crop with Malathion/Dipterex Powder in the affected filed. ** Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. ** Use fruit fly specific pheromone traps. ** HORTICULTURAL CROPS** Banana** All stages** ** Removal of dried leaves, ** In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent, ** Periodical removal of side suckers by cutting above the ground level ** Basin cleaning, ** Weeding ** Avoid water stagnation around the crop, LIVESTOCKS** Livestock** Stage** Disease** Precautionary Practices to be followed ** Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only once only Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.		ABLES				
Chigh incidence reported Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms Poworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.	Cucurbits	Fruiting	Fruit fly			
incidence reported) incidence reported from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. incidence reported incidence reported reported from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. incidence reported from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. incidence filed. incidence filed.						
* Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. * Use fruit fly specific pheromone traps. HORTICULTURAL CROPS Banana All stages * Removal of dried leaves, * In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent, Periodical removal of side suckers by cutting above the ground level * Basin cleaning, * Weeding * Avoid water stagnation around the crop, LIVESTOCKS Livestock Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.				*		
Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. * Use fruit fly specific pheromone traps. HORTICULTURAL CROPS Banana All stages						
gm and water @ 1 gallon is most effective of controlling of this pest. **Use fruit fly specific pheromone traps.* HORTICULTURAL CROPS Banana All stages **Removal of dried leaves, **In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent, *Periodical removal of side suckers by cutting above the ground level *Basin cleaning, *Weeding *Avoid water stagnation around the crop, LIVESTOCKS Livestock Stage Disease Precautionary Practices to be followed Pig Pigs/Piglets Worms *Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms *Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.			reportea)	**		
HORTICULTURAL CROPS Banana All stages						
## Weeding Avoid water stagnation around the crop, Livestock Stage Disease Precautionary Practices to be followed					-	
HORTICULTURAL CROPS Banana All stages				*		
Banana All stages All stages Removal of dried leaves, In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent, Periodical removal of side suckers by cutting above the ground level Basin cleaning, Kiwi Fruiting Weeding Avoid water stagnation around the crop, LIVESTOCKS Livestock Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms Precautionary Practices to be followed Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.	HODTICHIT	TIDAL CDODS		•	eserrating specific pheromone traps.	
★ In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent, ★ Periodical removal of side suckers by cutting above the ground level ★ Basin cleaning, ★ Weeding ★ Avoid water stagnation around the crop, Livestock Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms ★ Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms ★ Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.				*	Pamoval of dried leaves	
Propiconazol (e.g. Tilt) by adding a wetting agent, Periodical removal of side suckers by cutting above the ground level Basin cleaning, Weeding Avoid water stagnation around the crop, LIVESTOCKS Livestock Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.	Danana	All stages			·	
★ Periodical removal of side suckers by cutting above the ground level ★ Basin cleaning, Kiwi Fruiting ★ Weeding ★ Avoid water stagnation around the crop, Livestock Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms ★ Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms ★ Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.				•		
level				*		
Kiwi Fruiting ❖ Weeding ❖ Avoid water stagnation around the crop, Livestock Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms ❖ Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms ❖ Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.				·	• •	
Kiwi Fruiting				*		
★ Avoid water stagnation around the crop, LIVESTOCKS Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms ❖ Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms ❖ Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.	Kiwi	Fruiting				
Livestock Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms ❖ Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms ❖ Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.						
Livestock Stage Disease Precautionary Practices to be followed Pig Pigs/ Piglets Worms ❖ Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms ❖ Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.	LIVESTOCK	S				
Pig Pigs/ Piglets Worms ❖ Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Goat/Sheep All Worms ❖ Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.			Disease		Precautionary Practices to be followed	
Goat/Sheep All Worms Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.	Pig	Ü	Worms	*	Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally	
	Goat/Sheep	All	Worms	*	Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg	
Contract determined (Torix) of data right data of ix ix bank for incadance against autore containing of call at 05/75-22025/[22027]	Contact Sc	ientists (ICAR) or Stat	e Agril Staff or KVK	staff for		





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(Period: 26th to 29th July, 2018)

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Dated: Tue, 24th July, 2018



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

ADVISORY FOR DISTRICT: EAST KAMENG

Weather summery of the previous week	Weather forecast valid up to 29 th July 2018
Rainfall = 6.8 mm	Partly/mostly cloudy with possibility of heavy to very heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 26-27°C and 21°C respectively. Expected morning and
	evening relative humidity will be 98-100% and 60-71% respectively. Wind
	direction is mainly ESE & SSE with average wind speed range of 2 kmph.
Warning:	•

GENER	AL RECOMME	NDATIONS	
	cipation of heavy		
	all spray operati		
-		anure applications	
_		op to avoid runoff	
210,001 0			DVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	J		
Rice (Upland and WRC)	Transplanting/ Vegetative	Yellow Stem Borer (YSB) Leaf folder	 Transplanting should not be prolonged further. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK,
Maize	Harvesting		 Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised,
❖ VEGETA	BLES		
Cucurbits	Fruiting	Fruit fly	 MANAGEMENT OF FRUIT FLY IN CUCURBITS ❖ Collection/destruction of all infested fruits in the field. ❖ Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. ❖ Use fruit fly specific pheromone traps.
HORTIC	ULTURAL CROP	S	
Citrus	Fruit setting	Phytopthora wilt	 Removal of water shoots, Intercropping of pulse (Soybean, rice bean etc) crop in the orchard, To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,
LIVESTO	OCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worms	 Protect birds from rain by hanging plastic sheet around the shed, Provide clean drinking water to the birds, In present weather conditions deworm the birds with Piperazine liquid @ 40 ml for 10 birds in drinking water once and repeat it after 7 days.
Pigs Contact Scientist	All stages	Swine fever	 New Born - Provide cushioning material like hay/straw etc and also provide heating support, Provide calcium in the feed of nursing mother, Vaccination against swine fever,



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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 29 th July 2018
Rainfall: 9.0 mm; T. Max: 38.0°C; T. Min:	Sunny to mostly cloudy with possibility of moderate to heavy rainfall.
25.0°C; RH: 66-100%	Daily maximum and minimum temperature for the following period is
	predicted to be 29-30°C and 24-25°C respectively. Expected morning and
	evening relative humidity will be 95-99% and 57-75% respectively. Wind
	direction is mainly ENE & E with average wind speed range of 2-3 kmph.
Warning:	 Heavy rainfall is very likely to occur at isolated places on 27th & 28th
	July 2018

	AL RECOMMEN		
	ipation of heavy r		
	all spray operatio		
	o for fertilizer/ma		
• Proper d	lrainage to all crop		ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	Stage	1 CSUDISCUSC	1 recautionary 1 ractices to be followed
Rice (Upland and	Transplanting/	Yellow Stem	Transplanting should not be prolonged further.
WRC)	g	Borer (YSB)	To control Leaf folder, close the water outlets of the plot and
,		Leaf folder	apply mud balls treated with kerosene @ 4-6 balls followed by
	Vegetative		
	, egotati ve		rope treatment. If population is high apply insecticide under
			proper guidance from State line department or KVK,
Maize	Harvesting		Avoid stagnation of water,
			In maize, harvest mature cobs,
			 Light interculture operations is advised,
❖ VEGETA	BLES		
Cucurbits	Fruiting	Fruit fly	MANAGEMENT OF FRUIT FLY IN CUCURBITS
		-	❖ Collection/destruction of all infested fruits in the field.
			 Dusting crop with Malathion/Dipterex Powder in the affected
			filed.
			Use of bait traps prepared from protein hydrolyzate @ 450 gm,
			Malathion or Dipterex water dispersible powder (25 %) @ 450
			gm and water @ 1 gallon is most effective of controlling of this
			pest.
			Use fruit fly specific pheromone traps.
	CULTURAL CROP		
Citrus	Fruit setting	Phytopthora wilt	Removal of water shoots,
			Intercropping of pulse (Soybean, rice bean etc) crop in the
			orchard,
			To protect the crop against attack of Phytopthora wilt, avoid
			stagnation of water in the cropped area,
❖ LIVEST(OCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worms	❖ Protect birds from rain by hanging plastic sheet around the
			shed,
			 Provide clean drinking water to the birds,
			❖ In present weather conditions deworm the birds with
			Piperazine liquid @ 40 ml for 10 birds in drinking water once
			and repeat it after 7 days.
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247





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

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 29 th July 2018
Rainfall (Koloriang): 19.0 mm	Partly/Mostly cloudy with possibility moderate to heavy rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 22-23°C and 16°C respectively. Expected morning and evening relative
	humidity will be 88-92% and 57-66% respectively. Wind direction is mainly
	SE & SSE with average wind speed range of 2-5 kmph.
Warning:	Heavy rainfall is very likely to occur at isolated places on
	27th & 28th July 2018

	RAL RECOMMEN		
On anti	cipation of heavy r	ainfall:	
 Suspend 	d all spray operatio	ons	
Do not g	go for fertilizer/ma	nure application	s
• Proper	drainage to all cro	o to avoid runoff	
		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	<u>;</u>		
Jhum Rice	Active tillering	Yellow stem	Make structures to avoid runoff in the slope,
	stage/ panicle initiation	borer	❖ Install yellow stem borer pheromone traps to trap the adults,
Maize	Silking stage/cob	Soybean	Spraying of Quinalphos 25 EC 2ml/litre of water is advised,
	formation	looper/Stem	Monitor the crop against attack of insect pests,
		borer	Intercropping with legumes & cassava can reduce the incidence
			of stem borer infestation,
71.1/			* Make proper drainage in the crop field,
Black/green	Harvesting		Avoid stagnation of water,
gram			 Stage wise harvesting of black/green gram,
			 Light interculture operations is advised,
❖ VEGETA			
Cucurbits	Fruiting	Fruit fly	MANAGEMENT OF FRUIT FLY IN CUCURBITS
		4.1	Collection/destruction of all infested fruits in the field.
		(high	 Dusting crop with Malathion/Dipterex Powder in the affected
		incidence	filed.
		reported)	• Use of bait traps prepared from protein hydrolyzate @ 450 gm,
			Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this
			pest.
			Use fruit fly specific pheromone traps.
нортісці т	URAL CROPS		Coo it are by specific pheromone traps.
Banana	All stages		Removal of dried leaves,
Danana	All stages		 Removal of dried leaves, In crops infested with Sigatoka leaf spots, spraying of 0.1%
			Propiconazol (e.g. Tilt) by adding a wetting agent,
			Periodical removal of side suckers by cutting above the ground
			level
			❖ Basin cleaning,
Kiwi	Fruiting		• Weeding
			Avoid water stagnation around the crop,
LIVESTOCKS	S		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets	Worms	❖ Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally
	1150, 1151003	511116	once only
Goat/Sheep	All	Worms	 Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight.
Contact Sci	ientists (ICAR) or Stat	<mark>e Agril Staff or KVK</mark>	Staff for measures against adverse conditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 26th to 29th July, 2018)

No: AMFU-Basar/2018/59

Dated: Tue, 24th July, 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 29 th July 2018
Rainfall: 9.4 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 26-28°C and 21-22°C respectively. Expected morning and
	evening relative humidity will be 97-100% and 61-76% respectively. Wind
	direction is mainly ESE & E with average wind speed range of 2-4 kmph.
Warning:	Heavy rainfall is very likely to occur at isolated places on
	27th & 28th July 2018

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

	anure applications op to avoid runoff	Precautionary Practices to be followed Transplanting should not be prolonged further. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK,
Stage Transplanting/	p to avoid runoff DETAILS OF A Pest/Disease Yellow Stem Borer (YSB)	Precautionary Practices to be followed Transplanting should not be prolonged further. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK,
Transplanting/ Vegetative	Yellow Stem Borer (YSB)	Precautionary Practices to be followed ❖ Transplanting should not be prolonged further. ❖ To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK,
Transplanting/ Vegetative	Yellow Stem Borer (YSB)	 Transplanting should not be prolonged further. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK,
Vegetative	Borer (YSB)	❖ To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK,
Vegetative	Borer (YSB)	❖ To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK,
Harvesting		• • • • • •
		 Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised,
LES		
Fruiting	Fruit fly	 MANAGEMENT OF FRUIT FLY IN CUCURBITS ❖ Collection/destruction of all infested fruits in the field. ❖ Dusting crop with Malathion/Dipterex Powder in the affected filed. ❖ Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. ❖ Use fruit fly specific pheromone traps.
LTURAL CROP	S	
Fruit setting	Phytopthora wilt	 Removal of water shoots, Intercropping of pulse (Soybean, rice bean etc) crop in the orchard, To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,
CKS		
Stage	Disease	Precautionary Practices to be followed
All stages	Worms	 Protect birds from rain by hanging plastic sheet around the shed, Provide clean drinking water to the birds, In present weather conditions deworm the birds with Piperazine liquid @ 40 ml for 10 birds in drinking water once and repeat it after 7 days.
	EKS Stage All stages	Fruiting Fruit fly LTURAL CROPS Fruit setting Phytopthora wilt CKS Stage Disease



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 26th to 29th July, 2018)

No: AMFU-Basar/2018/59

Dated: Tue, 24th July, 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 29 th July 2018
Rainfall (Roing): 11.6 mm	Partly/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 21°C respectively. Expected morning and evening relative humidity will be 98-100% and 61-77% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph.
Warning:	•

GENER	AL RECOMMEN	NDATIONS				
On anticipation of heavy rainfall:						
	all spray operation					
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 (Upland and WRC)	Transplanting/ Vegetative	Yellow Stem Borer (YSB) Leaf folder	 Transplanting should not be prolonged further. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under 			
			proper guidance from State line department or KVK,			
Maize	Harvesting		 Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised, 			
❖ VEGETA	ABLES					
Cucurbits	Fruiting	Fruit fly	 MANAGEMENT OF FRUIT FLY IN CUCURBITS ❖ Collection/destruction of all infested fruits in the field. ❖ Dusting crop with Malathion/Dipterex Powder in the affected filed. ❖ Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. ❖ Use fruit fly specific pheromone traps. 			
HORTIC	ULTURAL CROP	S				
Citrus	Fruit setting	Phytopthora wilt	 Removal of water shoots, Intercropping of pulse (Soybean, rice bean etc) crop in the orchard, To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area, 			
LIVESTO	OCKS					
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages	Worms	 Protect birds from rain by hanging plastic sheet around the shed, Provide clean drinking water to the birds, In present weather conditions deworm the birds with Piperazine liquid @ 40 ml for 10 birds in drinking water once and repeat it after 7 days. 			
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247			







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

ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 29 th July 2018
NA	Partly/Mostly cloudy with possibility of heavy to very heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 26-28°C and 21-22°C respectively. Expected morning and
	evening relative humidity will be 94-97% and 57-69% respectively. Wind
	direction is mainly SE & ESE with average wind speed range of 2 kmph.
Warning:	 Heavy rainfall is very likely to occur at isolated places on 27th & 28th
	July 2018

On anti	On anticipation of heavy rainfall:					
 Suspend 	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						
Jhum Rice	Active tillering stage/ panicle initiation	Yellow stem borer	 Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults, 			
Maize	Silking stage/cob formation	Soybean looper/Stem borer	 Spraying of Quinalphos 25 EC 2ml/litre of water is advised, Monitor the crop against attack of insect pests, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, Make proper drainage in the crop field, 			
Black/green gram	Harvesting		 Avoid stagnation of water, Stage wise harvesting of black/green gram, Light interculture operations is advised, 			
❖ VEGETA	ABLES					
Cucurbits	Fruiting	Fruit fly (high incidence reported)	 MANAGEMENT OF FRUIT FLY IN CUCURBITS ❖ Collection/destruction of all infested fruits in the field. ❖ Dusting crop with Malathion/Dipterex Powder in the affected filed. ❖ Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. ❖ Use fruit fly specific pheromone traps. 			
HORTICULT	URAL CROPS					
Banana	All stages		 Removal of dried leaves, In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent, Periodical removal of side suckers by cutting above the ground level Basin cleaning, 			
Kiwi	Fruiting		WeedingAvoid water stagnation around the crop,			
LIVESTOCK	S					
Livestock	Stage	Disease	Precautionary Practices to be followed			
Pig Goat/Sheep	Pigs/ Piglets All	Worms	 Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg 			
body weight. Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247						





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No: AMFU-Basar/2018/59

Dated: Tue, 24th July, 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 29 th July 2018
Rainfall: 33.8 mm; T. Max: 38.0°C; T. Min: 23.0°C; RH: 67-94%	Partly/mostly 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 24-25°C respectively. Expected morning and evening relative humidity will be 97-99% and 68-92% respectively. Wind direction is mainly ESE & SSW with average wind speed range of 2-4 kmph.
Warning:	 Heavy rainfall is very likely to occur at isolated places on 27th & 28th July 2018

ination of heavy	rainfall•					
On anticipation of heavy rainfall: • Suspend all spray operations						
Proper drainage to all crop to avoid runoff						
- unitage to all ele		DVISORIES FOR THE PERIOD				
Crop Stage Pest/Disease Precautionary Practices to be followed						
J	<u> </u>	v				
Transplanting/	Yellow Stem	Transplanting should not be prolonged further.				
	Borer (YSB)	To control Leaf folder, close the water outlets of the plot and				
	Leaf folder	apply mud balls treated with kerosene @ 4-6 balls followed by				
Vegetative		rope treatment. If population is high apply insecticide under				
		proper guidance from State line department or KVK,				
Harvesting		* Avoid stagnation of water,				
		In maize, harvest mature cobs,				
		 Light interculture operations is advised, 				
BLES						
Fruiting	Fruit fly	MANAGEMENT OF FRUIT FLY IN CUCURBITS				
		❖ Collection/destruction of all infested fruits in the field.				
		Dusting crop with Malathion/Dipterex Powder in the affected filed.				
		Use of bait traps prepared from protein hydrolyzate @ 450 gm,				
		Malathion or Dipterex water dispersible powder (25 %) @ 450				
		gm and water @ 1 gallon is most effective of controlling of this				
		pest. • Use fruit fly specific pheromone traps.				
HILTHRAL CROP	\$	• Ose It ait by specific pheromone traps.				
•		❖ Removal of water shoots,				
Truit setting	Thytophiora witt	 Removal of water shoots, Intercropping of pulse (Soybean, rice bean etc) crop in the 				
		orchard,				
		To protect the crop against attack of Phytopthora wilt, avoid				
		stagnation of water in the cropped area,				
OCKS						
Stage	Disease	Precautionary Practices to be followed				
All stages	Worms	 Protect birds from rain by hanging plastic sheet around the shed, 				
		 Provide clean drinking water to the birds, 				
		❖ In present weather conditions deworm the birds with				
		±				
		Piperazine liquid @ 40 ml for 10 birds in drinking water once				
	Stage Stage Transplanting Vegetative Harvesting SULTURAL CROP Fruit setting OCKS Stage	all spray operations to for fertilizer/manure applications drainage to all crop to avoid runoff DETAILS OF A Stage				







(Period: 26th to 29th July, 2018)

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

ADVISORY FOR DISTRICT: TAWANG

Weather summery of the previous week	Weather forecast valid up to 29 th July 2018
Rainfall: 23.0 mm	Partly/mostly cloudy with possibility of light/moderate rainfall not
	exceeding 8mm. Daily maximum and minimum temperature for the
	following period is predicted to be 16°C and 09-10°C respectively. Expected
	morning and evening relative humidity will be 86-91% and 54-66%
	respectively. Wind direction is mainly E & ESE with average wind speed
	range of 2-3 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

Go for fertilizer/manure applications during dry/clear days					
Manual weeding advocated					
Proper drainage to all crop to avoid runoff PETALL GODA DATE CONTROL DE LE CONTROL DE LA CONTR					
DETAILS OF ADVISORIES FOR THE PERIOD					
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS			•		
Jhum Rice	Active tillering	Yellow stem		Make structures to avoid runoff in the slope,	
	stage/ panicle initiation	borer		Install yellow stem borer pheromone traps to trap the adults,	
Maize	Silking stage/cob	Soybean		Spraying of Quinalphos 25 EC 2ml/litre of water is advised,	
	formation	looper/Stem		Monitor the crop against attack of insect pests,	
		borer	**	Intercropping with legumes & cassava can reduce the incidence	
			.*.	of stem borer infestation,	
Dlo alr/ama an	Homyostino			Make proper drainage in the crop field,	
Black/green	Harvesting			Avoid stagnation of water, Stage wise harvesting of black/green gram,	
gram				Light interculture operations is advised,	
• VECET	ADIEC		*	Light interculture operations is advised,	
❖ VEGET		T		MANAGENERAL OF EDVICE BY MANAGENERAL	
Cucurbits	Fruiting Multiple stocks	Fruit fly (high incidence reported)	*	MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed. Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. Use fruit fly specific pheromone traps.	
crops/Vegetabl es	Multiple stages		*	Basal dose application of fertilizers followed by earthing up advocated	
HORTICULT	TURAL CROPS				
Banana	All stages			Removal of dried leaves,	
			*	In crops infested with Sigatoka leaf spots, spraying of 0.1%	
				Propiconazol (e.g. Tilt) by adding a wetting agent,	
			*	Periodical removal of side suckers by cutting above the ground	
			.•.	level	
IV::	Em-idia -			Basin cleaning,	
Kiwi	Fruiting			Weeding Avoid water stocketion around the area	
LIVECTOCT			*	Avoid water stagnation around the crop,	
LIVESTOCK	1	7.			
Livestock	Stage	Disease		Precautionary Practices to be followed	
Pig	Pigs/ Piglets	Worms		Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only	
Goat/Sheep	All	Worms	*	Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg	

body weight.

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





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

ADVISORY FOR DISTRICT: TIRAP

Weather summery of the previous week	Weather forecast valid up to 29 th July 2018
Rainfall: 22.6 mm	Partly/Mostly cloudy with possibility moderate rainfall. Daily maximum
	and minimum temperature for the following period is predicted to be 31-
	33°C and 24-25°C respectively. Expected morning and evening relative
	humidity will be 98-100% and 66-91% respectively. Wind direction is
	mainly SSE & SE with average wind speed range of 2-4 kmph.
Warning:	Heavy rainfall is very likely to occur at isolated places on
	27th & 28th July 2018

GENERAL RECOMMENDATIONS						
Go for fertilizer/manure applications during dry/clear days						
• Manual	Manual weeding advocated					
• Proper o	drainage to all cro	p to avoid runoff				
			DVISOR	IES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS						
Rice (Upland and	Transplanting/	Yellow Stem		ransplanting should not be prolonged further.		
WRC)		Borer (YSB) Leaf folder		o control Leaf folder, close the water outlets of the plot and		
	Vegetative	Lear rolder	-	pply mud balls treated with kerosene @ 4-6 balls followed by		
	Vegetative			ope treatment. If population is high apply insecticide under		
3.6.1	**			roper guidance from State line department or KVK,		
Maize	Harvesting			void stagnation of water,		
				n maize, harvest mature cobs, ight interculture operations is advised,		
. VECETA	DIEC		▼ Li	ight interculture operations is advised,		
❖ VEGETA		E : (d		AANAGEMENTE OF EDITIE ELVIN ONOTIDITE		
Cucurbits	Fruiting	Fruit fly	<u>N</u>	MANAGEMENT OF FRUIT FLY IN CUCURBITS collection/destruction of all infested fruits in the field.		
				Dusting crop with Malathion/Dipterex Powder in the affected		
				led.		
			❖ U	se of bait traps prepared from protein hydrolyzate @ 450 gm,		
				Malathion or Dipterex water dispersible powder (25 %) @ 450		
			_	m and water @ 1 gallon is most effective of controlling of this		
				est.		
* HODELO	THE THE ALCOOD		* U	se fruit fly specific pheromone traps.		
	CULTURAL CROP			1.61		
Citrus	Fruit setting	Phytopthora wilt		emoval of water shoots, htercropping of pulse (Soybean, rice bean etc) crop in the		
				rchard,		
				o protect the crop against attack of Phytopthora wilt, avoid		
			st	agnation of water in the cropped area,		
* LIVESTO	OCKS					
Livestock	Stage	Disease		Precautionary Practices to be followed		
Poultry	All stages	Worms		rotect birds from rain by hanging plastic sheet around the		
				ned,		
				rovide clean drinking water to the birds,		
				n present weather conditions deworm the birds with		
				iperazine liquid @ 40 ml for 10 birds in drinking water once nd repeat it after 7 days.		
Contact Sci	 <mark>entists (ICAR) or Sta</mark>	te Agril Staff or KVK		asures against adverse conditions or call at 03795-226237/226247		
- Carter Del	(= 2.222) 02 000	-8				





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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 25 th July 2018
Rainfall: 1.4 mm	Partly/Mostly cloudy with possibility of moderate to heavy rainfall.
	Daily maximum and minimum temperature for the following period is
	predicted to be 22-23°C and 16°C respectively. Expected morning and
	evening relative humidity will be 93-95% and 59-70% respectively. Wind
	direction is mainly SSE & S with average wind speed range of 2-3 kmph.
Warning:	Heavy rainfall is very likely to occur at isolated places on 27 th & 28 th
	July 2018

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- Suspend all spray operations

• Do not g	go for fertilizer/man	are applications	
• Proper of	lrainage to all crop t		
		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Active tillering stage/ panicle initiation	Yellow stem borer	 Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults,
Maize	Silking stage/cob formation	Soybean looper/Stem borer	 Spraying of Quinalphos 25 EC 2ml/litre of water is advised, Monitor the crop against attack of insect pests, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, Make proper drainage in the crop field,
Black/green gram	Harvesting		 Avoid stagnation of water, Stage wise harvesting of black/green gram, Light interculture operations is advised,
❖ VEGET	ABLES		
Cucurbits	Fruiting	Fruit fly (high incidence reported)	 MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed. Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. Use fruit fly specific pheromone traps.
HORTICULT	URAL CROPS		
Banana	All stages		 Removal of dried leaves, In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent, Periodical removal of side suckers by cutting above the ground level Basin cleaning,
Kiwi	Fruiting		WeedingAvoid water stagnation around the crop,
LIVESTOCK	S		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets	Worms	Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally once only
Goat/Sheep Contact So	All	Worms	 Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg body weight. ★ Staff for measures against adverse conditions or call at 03795-226237/226247





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ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 29 th July 2018
Daporijo: 0.0 mm	Partly/Mostly cloudy with possibility of moderate to rather heavy
	rainfall. Daily maximum and minimum temperature for the following
	period is predicted to be 26-28°C and 21-22°C respectively. Expected
	morning and evening relative humidity will be 90-95% and 58-72%
	respectively. Wind direction is mainly E & SE with average wind speed
	range of 2-4 kmph.
Warning:	 Heavy rainfall is very likely to occur at isolated places on 27th &
	28 th July 2018

GENERA	AL RECOMMEN	NDATIONS	
 Go for fe 	ertilizer/manure a	applications durin	g dry/clear days
	weeding advocate		
Proper d	rainage to all cro	p to avoid runoff	
~			ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	Transplanting/	Yellow Stem	 Transplanting should not be prolonged further.
Rice (Upland and WRC)	Transplanting/ Vegetative	Borer (YSB)/ Leaf folder	 Transplanting should not be prolonged further. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK,
Maize	Harvesting		 Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised,
❖ VEGETA			
Cucurbits	Fruiting	Fruit fly	 Management of fruit fly in cucurbits Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed. Use of bait traps prepared from protein hydrolyzate @ 450 gm, Malathion or Dipterex water dispersible powder (25 %) @ 450 gm and water @ 1 gallon is most effective of controlling of this pest. Use fruit fly specific pheromone traps.
HORTIC	ULTURAL CROP	S	
Citrus	Fruit setting	Phytopthora wilt	 Removal of water shoots, Intercropping of pulse (Soybean, rice bean etc) crop in the orchard, To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,
LIVESTO	OCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worms	 Protect birds from rain by hanging plastic sheet around the shed, Provide clean drinking water to the birds, In present weather conditions deworm the birds with Piperazine liquid @ 40 ml for 10 birds in drinking water once and repeat it after 7 days.





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(Period: 26th to 29th July, 2018)

No: AMFU-Basar/2018/59

Dated: Tue, 24th July, 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 29 th July 2018
Rainfall = Bomdila: 0.0 mm; Bhalukpong: 41.0	Partly/Mostly cloudy with possibility of light/moderate rain. Daily
mm; Kalaktang: 7.1 mm	maximum and minimum temperature for the following period is predicted to
	be 22-23°C and 16°C respectively. Expected morning and evening relative
	humidity will be 98-99% and 60-76% respectively. Wind direction is mainly
	ESE & SSW with average wind speed range of 2-3 kmph.
Warning:	 Heavy rainfall is very likely to occur at isolated places on 27th & 28th
	July 2018

CENEL	RAL RECOMMEN	JDATIONS	
			ag dwy/alean days
	fertilizer/manure a	= =	ig dry/clear days
	weeding advocate		
Proper	drainage to all cro		ADVISORIES FOR THE PERIOD
C	G4		·
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	1	V-11	
Jhum Rice	Active tillering stage/ panicle	Yellow stem borer	Make structures to avoid runoff in the slope,
76:	initiation		❖ Install yellow stem borer pheromone traps to trap the adults,
Maize	Silking stage/cob	Soybean	Spraying of Quinalphos 25 EC 2ml/litre of water is advised,
	formation	looper/Stem borer	Monitor the crop against attack of insect pests,
		borer	❖ Intercropping with legumes & cassava can reduce the incidence
			of stem borer infestation, Make proper drainage in the crop field,
Black/green	Harvesting		Avoid stagnation of water,
gram	That vesting		 Avoid stagnation of water, Stage wise harvesting of black/green gram,
gram			 Stage wise harvesting of black green grain, Light interculture operations is advised,
❖ VEGETA	ADIEC		• Light interculture operations is advised,
Cucurbits		Emrit fler	MANACEMENT OF EDITO ELVIN CUCUDDITE
Cucurbits	Fruiting	Fruit fly	MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field.
		(high	 Conection/destruction of an infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected
		incidence	filed.
		reported)	 ♣ Use of bait traps prepared from protein hydrolyzate @ 450 gm,
		• /	Malathion or Dipterex water dispersible powder (25 %) @ 450
			gm and water @ 1 gallon is most effective of controlling of this
			pest.
			 Use fruit fly specific pheromone traps.
HORTICULT	TURAL CROPS		
Banana	All stages		Removal of dried leaves,
			❖ In crops infested with Sigatoka leaf spots, spraying of 0.1%
			Propiconazol (e.g. Tilt) by adding a wetting agent,
			Periodical removal of side suckers by cutting above the ground
			level
***			Basin cleaning,
Kiwi	Fruiting		• Weeding
			❖ Avoid water stagnation around the crop,
LIVESTOCK	1		
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets	Worms	❖ Deworm using Piperazine @ 3-6 ml/ 10 kg body weight orally
			once only
Goat/Sheep	All	Worms	❖ Deworm against Fascioliasis using Oxyclonazide @ 15 mg/ kg
			body weight.
Contact Sc	rientists (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: 26th to 29th July, 2018)

No: AMFU-Basar/2018/59

Dated: Tue, 24th July, 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 29 th July 2018
Rainfall: 102.6 mm, Max. T: 34.5°C, Min. T: 19.0°C, Wind Speed: 4-6 km/h, RH: 67-92%, Wind Direction: NNE & NNW	Partly/Mostly cloudy with possibility of moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 29°C and 22-23°C respectively. Expected morning and evening relative humidity will be 90-94% and 58-68% respectively. Wind direction is mainly ESE & SE with average wind speed range of 2-3 kmph.
Warning:	Heavy rainfall is very likely to occur at isolated places on 27 th & 28 th July 2018

On anticipation of heavy rainfall: Suspend all spray operations Do not go for fertilizer/manure applications Proper drainage to all crop to avoid runoff DETAILS OF AI	Precautionary Practices to be followed Transplanting should not be prolonged further. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, Avoid stagnation of water, In maize, harvest mature cobs, Itight interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed. Use of bait traps prepared from protein hydrolyzate @ 450 gm,
 Do not go for fertilizer/manure applications Proper drainage to all crop to avoid runoff DETAILS OF AI Crop Stage Pest/Disease FIELD CROPS Rice (Upland and WRC) Yellow Stem Borer (YSB) Leaf folder Vegetative Maize Harvesting ★ VEGETABLES 	 Precautionary Practices to be followed ❖ Transplanting should not be prolonged further. ❖ To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, ❖ Avoid stagnation of water, ❖ In maize, harvest mature cobs, ❖ Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS ❖ Collection/destruction of all infested fruits in the field. ❖ Dusting crop with Malathion/Dipterex Powder in the affected filed.
 Proper drainage to all crop to avoid runoff	 Precautionary Practices to be followed ❖ Transplanting should not be prolonged further. ❖ To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, ❖ Avoid stagnation of water, ❖ In maize, harvest mature cobs, ❖ Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS ❖ Collection/destruction of all infested fruits in the field. ❖ Dusting crop with Malathion/Dipterex Powder in the affected filed.
Crop Stage Pest/Disease FIELD CROPS Rice (Upland and WRC) Yellow Stem Borer (YSB) Leaf folder Vegetative Harvesting ★ VEGETABLES	 Precautionary Practices to be followed ❖ Transplanting should not be prolonged further. ❖ To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, ❖ Avoid stagnation of water, ❖ In maize, harvest mature cobs, ❖ Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS ❖ Collection/destruction of all infested fruits in the field. ❖ Dusting crop with Malathion/Dipterex Powder in the affected filed.
FIELD CROPS Rice (Upland and WRC) Vegetative Harvesting Vegetables	 Transplanting should not be prolonged further. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed.
Rice (Upland and WRC) WRC) Maize Wegetative Wegetative Wegetative Wegetative Wegetative	 Transplanting should not be prolonged further. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed.
Rice (Upland and WRC) Vegetative Was VEGETABLES Yellow Stem Borer (YSB) Leaf folder Yellow Stem Borer (YSB) Leaf folder	 To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed.
WRC) Borer (YSB) Leaf folder Waize Harvesting VEGETABLES	 To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed.
Vegetative Maize Harvesting ❖ VEGETABLES	apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed.
Maize Harvesting * VEGETABLES	rope treatment. If population is high apply insecticide under proper guidance from State line department or KVK, Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed.
❖ VEGETABLES	proper guidance from State line department or KVK, Avoid stagnation of water, In maize, harvest mature cobs, Light interculture operations is advised, MANAGEMENT OF FRUIT FLY IN CUCURBITS Collection/destruction of all infested fruits in the field. Dusting crop with Malathion/Dipterex Powder in the affected filed.
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	• Use of bait traps prepared from protein hydrolyzate @ 450 gm,
	Malathion or Dipterex water dispersible powder (25 %) @ 450
	gm and water @ 1 gallon is most effective of controlling of this
	pest.
	 Use fruit fly specific pheromone traps.
❖ HORTICULTURAL CROPS	
Citrus Fruit setting Phytopthora wilt	Removal of water shoots,
	❖ Intercropping of pulse (Soybean, rice bean etc) crop in the
	orchard,
	To protect the crop against attack of Phytopthora wilt, avoid stagnation of water in the cropped area,
* LIVESTOCKS	stagnation of water in the cropped area,
Livestock Stage Disease	Precautionary Practices to be followed
Poultry All stages Worms	❖ Protect birds from rain by hanging plastic sheet around the
Thi stages Wolffis	shed,
	 Provide clean drinking water to the birds,
	 ♣ In present weather conditions deworm the birds with
	Piperazine liquid @ 40 ml for 10 birds in drinking water once
	and repeat it after 7 days.
Contact Scientists (ICAR) or State Agril Staff or KVK s	