

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



(Period: 6th to 10th October, 2018)

No: AMFU-Basar/2018/80





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 10 <sup>th</sup> October 2018
Rainfall: 11.5 mm; T. Max: 32.0°C; T. Min:	Generally clear/dry weather forecasted. Daily maximum and minimum
20.0°C; RH: 71-85%	temperature for the following period is predicted to be 32-33°C and 21-22°C
	respectively. Expected morning and evening relative humidity will be 85-
	87% and 35-40% respectively. Wind direction is mainly W & WNW with
	average wind speed range of 7 kmph.
Warning:	•

#### GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

<ul> <li>Check of</li> </ul>	f vaccination sche	dule in poultry/li	vestock
Check of vaccination schedule in poultry/livestock     DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
IELD CROPS	8		V
Rice	Harvesting	Gundhi Bug	<ul> <li>As weather will be clear harvesting of mature IR-8 cultivar may be done in present weather conditions,</li> <li>Maintain at least 5 mm water level in the rice field where crop in grain filling stage or at tillering stage. Alternate drying and wetting of field is highly desirable in WRC field,</li> <li>Spraying may be done against an increasing population of Gundhi bug,</li> </ul>
Maize	Harvesting	Stem borer/ Cut worm/ Rat	<ul> <li>Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.</li> <li>Harvest mature cobs and dry properly before storing</li> <li>Use locally available traps to control rats menace,</li> </ul>
<b>EGETABLE</b>	S		
Cabbage/ Cauliflower/ Knolkhol/ Others	Nursery preparation/ Transplanting		<ul> <li>Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequation water till the establishment of the seedlings,</li> <li>Preparation of raised nursery may be done,</li> <li>Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams</li> </ul>
		Damping off Wilting  Cut worm	<ul> <li>Soil drenching of nursery with 2gm/litre water of Bavistin, symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.</li> <li>Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm</li> </ul>
ORTICULT	URAL CROPS		
Banana	All stages	Pseudostem weevil	Weevil damaged plants may be detected by mucilageneous exudus in the trunk region near the older leaves, shot holes are the characteristics symptoms. Uproot the plant and bury deep in the pit
Guava	Fruiting	Stem borer Fruit fly	<ul> <li>Harvest the mature fruits (Not over matured one) and send to market,</li> <li>Collect the dropped fruit and put the same in plastic bags and allow to dry in the sun so as to kill the fruit fly maggots</li> <li>Timely inspection of trunk of citrus trees for detection of attack of borer. Put cotton swab dipped in a systemic insecticide (like Imidacloprid 17SL) and put in the holes.</li> </ul>
❖ LIVEST	OCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul> <li>Provide cool drinking water all through the day, Add vitamin B complex with water,</li> <li>Avoid overcrowding,</li> <li>Vaccination against Ranikhet and infections bronchities</li> </ul>



## District Level Agro-met Advisory Bulletin

### **Arunachal Pradesh**



No: AMFU-Basar/2018/80

Dated: Fri, 5th October, 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 10 <sup>th</sup> October 2018
Rainfall (Koloriang): 12.8 mm	Mostly sunny with possibility of light rainfall. Daily maximum and
	minimum temperature for the following period is predicted to be 30-33°C
	and 20-22°C respectively. Expected morning and evening relative humidity
	will be 95-97% and 43-49% respectively. Wind direction is mainly W with
	average wind speed range of 5 kmph.
Warning:	•

#### GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

	-	ck of insects/pests manure can be do	ne duri	ng clear/dry days
		p to avoid runoff	iic dui ii	ng cicar/ury days
Check of vaccination schedule in poultry/livestock				
				ORIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug		Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit On clear/sunny days, spray carbendazim @2g/lit water to control infestation of leaf blast & leaf spot.
Kharif Rice (Early transplanted)	Harvesting		<b>*</b>	Immediate harvesting during clear/dry days Threshing followed by proper drying for safe storage,
Jhum field	Harvesting		<b>*</b>	Immediate harvesting of mature crops advocated  The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)
VEGETABLES	S			
Pea/Gram	Sowing		•	Immediate sowing of pea/gram in rice fallow advocated Treat pea with rhizobium@2gm/kg seed before sowing.
Tomato	Fruiting		•	Removing sideshoots is an important job which prevents the fruits being shaded by leaves.  Provide shed to protect from excessive rainfall
Rabi vegetables	Nursery/ Sowing		•	Right time for sowing of rabi vegetables; nursery under polyhouses/protected cultivation recommended.  Treat seeds with rhizobium@2gm/kg seed before sowing.
HORTICULTUR	AL CROPS			
Large Cardamom		Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	•	Mulching with locally available materials like dry grass/paddy straw recommended  Remove diseased part & keep inflorescence clean.  Uproot & burn virus infected plants
Citrus	Fruiting	Fruit fly	•	Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
LIVESTOCKS				
Livestock	Stage	Disease	*	Precautionary Practices to be followed
Poultry	All stages		•	Provide preventive dose of anti-coccidial drugs to poultry.  Close all openings/ventilation in the poultry house
Piggery	All stages		•	Disinfecting the shed with lime powder/ bleaching powder/ 4% NaOH at regular interval advocated.
Contact Scientific Contact Scien	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: LOHIT**

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> October 2018
Rainfall: 2.0 mm (Tezu)	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 29-31°C and 19-21°C
	respectively. Expected morning and evening relative humidity will be 75-
	79% and 28-31% respectively. Wind direction is mainly NE average wind
	speed range of 9 kmph.
Warning	•

#### **GENERAL RECOMMENDATIONS**

Monitor for possible attack of insects/nests

	-	k of insects/pests	one during clear/dry days
	drainage to all cro		· ·
• Check o	f vaccination sche		
			ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Harvesting	Gundhi Bug	<ul> <li>As weather will be clear harvesting of mature IR-8 cultivar may be done in present weather conditions,</li> <li>Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage. Alternate drying and wetting of field is highly desirable in WRC field,</li> <li>Spraying may be done against an increasing population of Gundhi bug,</li> </ul>
Maize	Harvesting	Stem borer/ Cut worm/ Rat	<ul> <li>Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.</li> <li>Harvest mature cobs and dry properly before storing</li> <li>Use locally available traps to control rats menace,</li> </ul>
VEGETABLE	S		
Cabbage/ Cauliflower/ Knolkhol/ Others	Nursery preparation/ Transplanting		<ul> <li>Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,</li> <li>Preparation of raised nursery may be done,</li> <li>Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams</li> </ul>
		Damping off Wilting  Cut worm	<ul> <li>Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.</li> <li>Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm</li> </ul>
HORTICULT	URAL CROPS		<u> </u>
Banana	All stages	Pseudostem weevil	Weevil damaged plants may be detected by mucilageneous exudus in the trunk region near the older leaves, shot holes are the characteristics symptoms. Uproot the plant and bury deep in the pit.
Guava	Fruiting	Stem borer Fruit fly	<ul> <li>Harvest the mature fruits (Not over matured one) and send to market,</li> <li>Collect the dropped fruit and put the same in plastic bags and allow to dry in the sun so as to kill the fruit fly maggots</li> <li>Timely inspection of trunk of citrus trees for detection of attack of borer. Put cotton swab dipped in a systemic insecticide (like Imidacloprid 17SL) and put in the holes.</li> </ul>
LIVEST	OCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages	. A. V. S. 60 ****	<ul> <li>Provide cool drinking water all through the day, Add vitamin B complex with water,</li> <li>Avoid overcrowding,</li> <li>Vaccination against Ranikhet and infections bronchities</li> <li>Staff for measures against adverse conditions or call at 03795-226237/226247</li> </ul>



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

### **Arunachal Pradesh**



No: AMFU-Basar/2018/80

Dated: Fri, 5<sup>th</sup> October, 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 10 <sup>th</sup> October 2018
Rainfall (Roing): 14.4 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 29-33°C and 19-22°C
	respectively. Expected morning and evening relative humidity will be 83-
	88% and 32-37% respectively. Wind direction is mainly SE with average
	wind speed range of 8 kmph.
Warning:	•

GENER	AL RECOMMEN	NDATIONS				
• Monitor	for possible attac	k of insects/pests				
	-	-	one during clear/dry days			
-	f vaccination sche	-				
• Check o	1 vaccination sene		ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
FIELD CROPS	Ü	1 esu Disease	Trecautionary fractices to be followed			
Rice	Harvesting	Gundhi Bug	<b>❖</b> As weather will be clear harvesting of mature IR-8 cultivar			
Ricc	Tan vesting	Gundin Dug	may be done in present weather conditions,			
			Maintain at least 5 mm water level in the rice field where crop is			
			in grain filling stage or at tillering stage. Alternate drying and			
			wetting of field is highly desirable in WRC field,			
			Spraying may be done against an increasing population of			
			Gundhi bug,			
Maize	Harvesting	Stem borer/	* Maintain adequate moisture level in the field where crop is			
		Cut worm/ Rat	in CRI stage or in tasseling stage.  Harvest mature cobs and dry properly before storing			
		Rat	<ul> <li>Use locally available traps to control rats menace,</li> </ul>			
VEGETABLE	C		• Osc locally available traps to control rats inclinace,			
Cabbage/	Nursery		<b>❖</b> Transplanting of healthy seedlings may be done in well			
Cauliflower/	preparation/		prepared field. On a sunny day protect the newly			
Knolkhol/	Transplanting		transplanted seedlings by providing shade. Provide adequate			
Others			water till the establishment of the seedlings,			
			Preparation of raised nursery may be done,			
			Seed rate:- Hybrid-200-300 grams (for one hectare area),			
		. cc	Others-500-600 grams			
		Damping off	Soil drenching of nursery with 2gm/litre water of Bavistin, if			
		<u>Wilting</u>	symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.			
			<ul> <li>Monitor newly transplanted seedlings against attack of Cut</li> </ul>			
		Cut worm	worm. Apply fresh and dry saw dust (wood) at the pit of the			
			seedlings to repel cut worm			
HORTICULT	URAL CROPS					
Banana	All stages	Pseudostem	Weevil damaged plants may be detected by mucilageneous exudus			
		weevil	in the trunk region near the older leaves, shot holes are the			
			characteristics symptoms. Uproot the plant and bury deep in the pit.			
Guava	Fruiting	Stem borer	Harvest the mature fruits (Not over matured one) and send to			
		Fruit fly	market,			
			• Collect the dropped fruit and put the same in plastic bags and allow			
			to dry in the sun so as to kill the fruit fly maggots			
			• <u>Timely inspection of trunk of citrus trees for detection of attack</u>			
			of borer. Put cotton swab dipped in a systemic insecticide (like Imidacloprid 17SL) and put in the holes,			
❖ LIVEST	UCKS		imidacioprid 17SL) and put in the noies,			
Livestock	Stage	Disease	Precautionary Practices to be followed			
Chickens	_	Disease	-			
Cnickens	All stages		Provide cool drinking water all through the day, Add vitamin B     complex with water			
			<ul><li>complex with water,</li><li>Avoid overcrowding,</li></ul>			
			Vaccination against Ranikhet and infections bronchities			
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVF	S staff for measures against adverse conditions or call at 03795-226237/226247			
	(=0:==1) 02 500	0 00000				







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## **ADVISORY FOR DISTRICT: LOWER SUBANSIRI**

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> October 2018
NA	Generally fair weather with possibility of light rainfall. Daily maximum
	and minimum temperature for the following period is predicted to be 31-
	32°C and 19-21°C respectively. Expected morning and evening relative
	humidity will be 93-95% and 45-48% respectively. Wind direction is mainly
	WNW & NW with average wind speed range of 6-7 kmph.
Warning:	•

#### GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

Check of	f vaccination sche	dule in poultry/live	estock	
		DETAILS OF A	DVISC	ORIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug		Install local trap of dead frog/fermented fish etc against gundhibug in rice or spray triazophos/chloripyriphos@1-2ml/lit On clear/sunny days, spray carbendazim @2g/lit water to control infestation of leaf blast & leaf spot.
Kharif Rice	Harvesting		*	Immediate harvesting during clear/dry days
(Early transplanted)	-		*	Threshing followed by proper drying for safe storage,
Jhum field	Harvesting		*	Immediate harvesting of mature crops advocated
			*	The harvested crop should be threshed and grains be sun-dried
				to the proper moisture level (12 % moisture level)
<b>VEGETABLE</b>	S			
Pea/Gram	Sowing		•	Immediate sowing of pea/gram in rice fallow advocated
			•	Treat pea with rhizobium@2gm/kg seed before sowing.
Tomato	Fruiting		•	Removing sideshoots is an important job which prevents the fruits being shaded by leaves.
			•	Provide shed to protect from excessive rainfall
Rabi vegetables	Nursery/		•	Right time for sowing of rabi vegetables; nursery under
	Sowing			polyhouses/protected cultivation recommended.
			•	Treat seeds with rhizobium@2gm/kg seed before sowing.
HORTICULTUR	AL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection)	•	Mulching with locally available materials like dry grass/paddy straw recommended
		& Chirke and	•	Remove diseased part & keep inflorescence clean.
		Foorkey (virus infection)	•	Uproot & burn virus infected plants
Citrus	Fruiting	Fruit fly	•	Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
LIVESTOCKS				
Livestock	Stage	Disease	*	Precautionary Practices to be followed
Poultry	All stages	2.25400		Provide preventive dose of anti-coccidial drugs to poultry.
2 outury	i iii stages		•	Close all openings/ventilation in the poultry house
Piggery	All stages		•	Disinfecting the shed with lime powder/ bleaching powder/ 4% NaOH at regular interval advocated.



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

### **Arunachal Pradesh**

(Period: 6th to 10th October, 2018)

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## **ADVISORY FOR DISTRICT: PAPUM PARE**

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> October 2018
Rainfall: 2.5 mm; T. Max: 33.0°C; T. Min:	Generally fair weather with possibility of very light rainfall. Daily
20.0°C; RH: 63-98%	maximum and minimum temperature for the following period is predicted to
	be 32-33°C and 21-22°C respectively. Expected morning and evening
	relative humidity will be 91-93% and 52-56% respectively. Wind direction
	is mainly S with average wind speed range of 5-6 kmph.
Warning:	•

Monitor for possible attack of insects/pests									
Application of fertilizers/manure can be done during clear/dry days									
_	Proper drainage to all crop to avoid runoff								
Check of	Check of vaccination schedule in poultry/livestock     DETAILS OF ADVISORIES FOR THE PERIOD								
Constant	C4								
Crop FIELD CROPS	Stage	Pest/Disease	Precautionary Practices to be followed						
Rice	Harvesting	Gundhi Bug	<b>❖</b> As weather will be clear harvesting of mature IR-8 cultivar						
Ricc	Harvesting	Gunum Bug	<ul> <li>As weather will be clear har vesting of mature Tk-o cultival may be done in present weather conditions,</li> <li>Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage. Alternate drying and wetting of field is highly desirable in WRC field,</li> <li>Spraying may be done against an increasing population of Gundhi bug,</li> </ul>						
Maize	Harvesting	Stem borer/ Cut worm/ Rat	<ul> <li>Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.</li> <li>Harvest mature cobs and dry properly before storing</li> <li>Use locally available traps to control rats menace,</li> </ul>						
VEGETABLE									
Cabbage/ Cauliflower/ Knolkhol/ Others	Nursery preparation/ Transplanting	Damping off Wilting  Cut worm	<ul> <li>Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,</li> <li>Preparation of raised nursery may be done,</li> <li>Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.</li> <li>Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm</li> </ul>						
HORTICULT	URAL CROPS								
Banana	All stages	Pseudostem weevil	Weevil damaged plants may be detected by mucilageneous exudus in the trunk region near the older leaves, shot holes are the characteristics symptoms. Uproot the plant and bury deep in the pit.						
Guava	Fruiting	Stem borer Fruit fly	<ul> <li>Harvest the mature fruits (Not over matured one) and send to market,</li> <li>Collect the dropped fruit and put the same in plastic bags and allow to dry in the sun so as to kill the fruit fly maggots</li> <li>Timely inspection of trunk of citrus trees for detection of attack of borer. Put cotton swab dipped in a systemic insecticide (like Imidacloprid 17SL) and put in the holes,</li> </ul>						
❖ LIVESTO	OCKS								
Livestock	Stage	Disease	Precautionary Practices to be followed						
Chickens  Contact Sci	All stages	te Agril Staff or KVI	<ul> <li>Provide cool drinking water all through the day, Add vitamin B complex with water,</li> <li>Avoid overcrowding,</li> <li>Vaccination against Ranikhet and infections bronchities</li> <li>K staff for measures against adverse conditions or call at 03795-226237/226247</li> </ul>						





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#### ADVISORY FOR DISTRICT: TAWANG

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> October 2018
Rainfall: 17.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 15-17°C and 07-09°C
	respectively. Expected morning and evening relative humidity will be 96-
	99% and 30-41% respectively. Wind direction is mainly E with average
	wind speed range of 6-7 kmph.
Warning:	•

#### **GENERAL RECOMMENDATIONS**

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

### DETAILS OF ADVISORIES FOR THE PERIOD

		DETAILS OF A	AD VISO	RIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug		Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit On clear/sunny days, spray carbendazim @2g/lit water to control infestation of leaf blast & leaf spot.
Kharif Rice (Early transplanted)	Harvesting		* *	Immediate harvesting during clear/dry days Threshing followed by proper drying for safe storage,
Jhum field	Harvesting		* *	Immediate harvesting of mature crops advocated The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)
VEGETABLE	S			
Pea/Gram	Sowing		•	Immediate sowing of pea/gram in rice fallow advocated Treat pea with rhizobium@2gm/kg seed before sowing.
Tomato	Fruiting		•	Removing sideshoots is an important job which prevents the fruits being shaded by leaves.  Provide shed to protect from excessive rainfall
Rabi vegetables	Nursery/ Sowing		•	Right time for sowing of rabi vegetables; nursery under polyhouses/protected cultivation recommended.  Treat seeds with rhizobium@2gm/kg seed before sowing.
HORTICULTUR	AL CROPS			
Large Cardamom		Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)		Mulching with locally available materials like dry grass/paddy straw recommended  Remove diseased part & keep inflorescence clean.  Uproot & burn virus infected plants
Citrus	Fruiting	Fruit fly	•	Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
LIVESTOCKS				
Livestock	Stage	Disease	*	Precautionary Practices to be followed
Poultry	All stages		•	Provide preventive dose of anti-coccidial drugs to poultry.  Close all openings/ventilation in the poultry house
Piggery	All stages		•	Disinfecting the shed with lime powder/ bleaching powder/ 4% NaOH at regular interval advocated.

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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#### **ADVISORY FOR DISTRICT: TIRAP**

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> October 2018
Rainfall: 3.2 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 32-33°C and 21-22°C
	respectively. Expected morning and evening relative humidity will be 88-
	92% and 47-50% respectively. Wind direction is mainly variable with
	average wind speed range of 2-3 kmph.
Warning:	•

#### **GENERAL RECOMMENDATIONS**

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days

			one during clear/dry days						
_	<ul> <li>Proper drainage to all crop to avoid runoff</li> <li>Check of vaccination schedule in poultry/livestock</li> </ul>								
DETAILS OF ADVISORIES FOR THE PERIOD									
Crop	Stage	Pest/Disease	Precautionary Practices to be followed						
FIELD CROPS	3								
Rice	Harvesting	<u>Gundhi Bug</u>	<ul> <li>As weather will be clear harvesting of mature IR-8 cultivar may be done in present weather conditions,</li> <li>Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage. Alternate drying and wetting of field is highly desirable in WRC field,</li> <li>Spraying may be done against an increasing population of Gundhi bug,</li> </ul>						
Maize	Harvesting	Stem borer/ Cut worm/ Rat	<ul> <li>★ Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.</li> <li>★ Harvest mature cobs and dry properly before storing</li> <li>★ Use locally available traps to control rats menace,</li> </ul>						
VEGETABLE	ES								
Cabbage/ Cauliflower/ Knolkhol/ Others	Nursery preparation/ Transplanting	Damping off Wilting Cut worm	<ul> <li>Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,</li> <li>Preparation of raised nursery may be done,</li> <li>Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams</li> <li>Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.</li> <li>Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm</li> </ul>						
	URAL CROPS								
Banana	All stages	Pseudostem weevil	Weevil damaged plants may be detected by mucilageneous exudus in the trunk region near the older leaves, shot holes are the characteristics symptoms. Uproot the plant and bury deep in the pit.						
Guava	Fruiting	Stem borer Fruit fly	<ul> <li>Harvest the mature fruits (Not over matured one) and send to market,</li> <li>Collect the dropped fruit and put the same in plastic bags and allow to dry in the sun so as to kill the fruit fly maggots</li> <li>Timely inspection of trunk of citrus trees for detection of attack of borer. Put cotton swab dipped in a systemic insecticide (like Imidacloprid 17SL) and put in the holes.</li> </ul>						
❖ LIVEST	OCKS								
Livestock	Stage	Disease	Precautionary Practices to be followed						
Chickens	All stages		Provide cool drinking water all through the day, Add vitamin B						

complex with water,
Avoid overcrowding,

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

Vaccination against Ranikhet and infections bronchities





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

**Arunachal Pradesh** (Period: 6th to 10th October, 2018)

No: AMFU-Basar/2018/80

Dated: Fri, 5th October, 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 10 <sup>th</sup> October 2018
Rainfall: 46.2 mm	Mostly sunny/Partly cloudy with possibility of light rainfall. Daily
	maximum and minimum temperature for the following period is predicted to
	be 30-32°C and 20-22°C respectively. Expected morning and evening
	relative humidity will be 92-96% and 37-45% respectively. Wind direction
	is mainly variable with average wind speed range of 6 kmph.
Warning:	

#### GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff

All stages

Piggery

Check of vaccination schedule in poultry/livestock

#### DETAILS OF ADVISORIES FOR THE PERIOD Crop Stage Pest/Disease **Precautionary Practices to be followed** FIELD CROPS Kharif Rice Tillering/ Blast/Gundhi Install local trap of dead frog/fermented fish etc against gundhi (Normal **Booting** bug in rice or spray triazophos/chloripyriphos@1-2ml/lit bug transplanted) \* On clear/sunny days, spray carbendazim @2g/lit water to control infestation of leaf blast & leaf spot. \* Kharif Rice Harvesting Immediate harvesting during clear/dry days (Early \* Threshing followed by proper drying for safe storage, transplanted) Jhum field Harvesting Immediate harvesting of mature crops advocated ❖ The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level) **VEGETABLES** Pea/Gram Sowing Immediate sowing of pea/gram in rice fallow advocated Treat pea with rhizobium@2gm/kg seed before sowing. **Tomato** Fruiting Removing sideshoots is an important job which prevents the fruits being shaded by leaves. Provide shed to protect from excessive rainfall Rabi vegetables Nursery/ Right time for sowing of rabi vegetables; nursery under Sowing polyhouses/protected cultivation recommended. Treat seeds with rhizobium@2gm/kg seed before sowing. HORTICULTURAL CROPS Large Cardamom Flowering stage Chirkey Disease Mulching with locally available materials like dry grass/paddy (fungal inection) straw recommended & Remove diseased part & keep inflorescence clean. Chirke and Uproot & burn virus infected plants Foorkey (virus infection) Citrus Fruiting Fruit fly Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus. **LIVESTOCKS** Livestock Stage **Disease** Precautionary Practices to be followed Poultry All stages

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

Provide preventive dose of anti-coccidial drugs to poultry.

Disinfecting the shed with lime powder/ bleaching powder/ 4%

Close all openings/ventilation in the poultry house

NaOH at regular interval advocated.



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

### **Arunachal Pradesh**

(Period: 6<sup>th</sup> to 10<sup>th</sup> October, 2018)

No: AMFU-Basar/2018/80

Dated: Fri, 5<sup>th</sup> October, 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 10 <sup>th</sup> October 2018
Daporijo: NA	Mostly sunny with possibility of light rainfall. Daily maximum and
	minimum temperature for the following period is predicted to be 29-33°C and 20-22°C respectively. Expected morning and evening relative humidity will be 97-98% and 40-48% respectively. Wind direction is mainly W &
	WNW with average wind speed range of 4-5 kmph.
Warning:	•

GENER	GENERAL RECOMMENDATIONS								
<ul> <li>Monitor</li> </ul>	Monitor for possible attack of insects/pests								
Application of fertilizers/manure can be done during clear/dry days									
<ul> <li>Proper drainage to all crop to avoid runoff</li> </ul>									
Check of vaccination schedule in poultry/livestock									
· Check of	ruccination sent		ADVISORIES FOR THE PERIOD						
Crop	Stage	Pest/Disease	Precautionary Practices to be followed						
FIELD CROPS	Buge	T CSU DISCUSE	1 recutionary 1 ractices to be followed						
Rice	Harvesting	Gundhi Bug	<b>❖</b> As weather will be clear harvesting of mature IR-8 cultivar						
			<ul> <li>may be done in present weather conditions,</li> <li>❖ Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage. Alternate drying and wetting of field is highly desirable in WRC field,</li> <li>❖ Spraying may be done against an increasing population of</li> </ul>						
76.	**	G: 1 /	Gundhi bug,						
Maize	Harvesting	Stem borer/ Cut worm/ Rat	<ul> <li>Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.</li> <li>Harvest mature cobs and dry properly before storing</li> <li>Use locally available traps to control rats menace,</li> </ul>						
VEGETABLE	S								
Cabbage/ Cauliflower/ Knolkhol/ Others	Nursery preparation/ Transplanting	Damping off Wilting Cut worm	<ul> <li>Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,</li> <li>Preparation of raised nursery may be done,</li> <li>Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams</li> <li>Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.</li> </ul>						
HORTICULT	URAL CROPS								
Banana	All stages	Pseudostem weevil	Weevil damaged plants may be detected by mucilageneous exudus in the trunk region near the older leaves, shot holes are the characteristics symptoms. Uproot the plant and bury deep in the pit.						
Guava	Fruiting	Stem borer Fruit fly	<ul> <li>Harvest the mature fruits (Not over matured one) and send to market,</li> <li>Collect the dropped fruit and put the same in plastic bags and allow to dry in the sun so as to kill the fruit fly maggots</li> <li>Timely inspection of trunk of citrus trees for detection of attack of borer. Put cotton swab dipped in a systemic insecticide (like Imidacloprid 17SL) and put in the holes,</li> </ul>						
❖ LIVESTO	OCKS								
Livestock	Stage	Disease	Precautionary Practices to be followed						
Chickens	All stages		<ul> <li>Provide cool drinking water all through the day, Add vitamin B complex with water,</li> <li>Avoid overcrowding,</li> <li>Vessionation against Popilyhot and infections by a population.</li> </ul>						

• Vaccination against Ranikhet and infections bronchities Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247





## District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 6<sup>th</sup> to 10<sup>th</sup> October, 2018)

No: AMFU-Basar/2018/80

Dated: Fri, 5<sup>th</sup> October, 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 10 <sup>th</sup> October 2018				
Rainfall = Bomdila: 0.0 mm; Bhalukpong: 79.2	Generally fair weather with possibility of very light rain. Daily				
mm; Kalaktang: 1.4 mm	maximum and minimum temperature for the following period is predicted to				
	be 30-32°C and 20-23°C respectively. Expected morning and evening				
	relative humidity will be 92-95% and 43-48% respectively. Wind direction				
	is mainly NW & NNW with average wind speed range of 6-7 kmph.				
Warning:	•				

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

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DETAILS OF ADVISORIES FOR THE PERIOD							
Crop	Stage	Pest/Disease		Precautionary Practices to be followed			
FIELD CROPS							
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug		Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit On clear/sunny days, spray carbendazim @2g/lit water to control infestation of leaf blast & leaf spot.			
Kharif Rice (Early transplanted)	Harvesting		<b>*</b>	Immediate harvesting during clear/dry days Threshing followed by proper drying for safe storage,			
Jhum field	Harvesting		<b>*</b>	Immediate harvesting of mature crops advocated  The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)			
VEGETABLES	S						
Pea/Gram	Sowing		•	Immediate sowing of pea/gram in rice fallow advocated Treat pea with rhizobium@2gm/kg seed before sowing.			
Tomato	Fruiting		•	Removing sideshoots is an important job which prevents the fruits being shaded by leaves.  Provide shed to protect from excessive rainfall			
Rabi vegetables	Nursery/ Sowing		•	Right time for sowing of rabi vegetables; nursery under polyhouses/protected cultivation recommended.  Treat seeds with rhizobium@2gm/kg seed before sowing.			
HORTICULTUR	AL CROPS						
Large Cardamom	Ç Ç	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	•	Mulching with locally available materials like dry grass/paddy straw recommended  Remove diseased part & keep inflorescence clean.  Uproot & burn virus infected plants			
Citrus	Fruiting	Fruit fly	•	Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.			
LIVESTOCKS							
Livestock	Stage	Disease	*	Precautionary Practices to be followed			
Poultry	All stages		•	Provide preventive dose of anti-coccidial drugs to poultry.  Close all openings/ventilation in the poultry house			
Piggery	All stages		•	Disinfecting the shed with lime powder/ bleaching powder/ 4% NaOH at regular interval advocated.			
Contact Scient	entists (ICAR) or Sta	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247			



## District Level Agro-met Advisory Bulletin

### **Arunachal Pradesh**

(Period: 6th to 10th October, 2018)

No: AMFU-Basar/2018/80

Dated: Fri, 5th October, 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 10 <sup>th</sup> October 2018
Rainfall: 31.0 mm, Max. T: 27.1 °C, Min. T: 14.7°C, Wind Speed: 4-6 km/h, RH: 64-93%, Wind Direction: NNW	Mostly sunny with possibility of no rainfall. Daily maximum and minimum temperature for the following period is predicted to be 32-33°C and 21-22°C respectively. Expected morning and evening relative humidity will be 94-96% and 41-47% respectively. Wind direction is mainly W & WNW with average wind speed range of 5 kmph.
Warning:	

OLIVER	GENERAL RECOMMENDATIONS				
Monitor for possible attack of insects/pests					
Application of fertilizers/manure can be done during clear/dry days					
	Proper drainage to all crop to avoid runoff				
-	Check of vaccination schedule in poultry/livestock				
CHECK OF	vaccination sene	<u>_</u>	ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS	Stage	1 est Disease	1 recutionary 1 ruences to be 1010 wed		
Rice	Harvesting	Gundhi Bug	<ul> <li>❖ As weather will be clear harvesting of mature IR-8 cultivar may be done in present weather conditions,</li> <li>❖ Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage. Alternate drying and wetting of field is highly desirable in WRC field,</li> <li>❖ Spraying may be done against an increasing population of</li> </ul>		
Maize	Harvesting	Stem borer/ Cut worm/ Rat	Gundhi bug,  Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.  Harvest mature cobs and dry properly before storing Use locally available traps to control rats menace,		
VEGETABLE	1				
Cabbage/ Cauliflower/ Knolkhol/ Others	Nursery preparation/ Transplanting		Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,		
		Damping off Wilting  Cut worm	<ul> <li>Preparation of raised nursery may be done,</li> <li>Seed rate:- Hybrid-200-300 grams (for one hectare area),</li> <li>Others-500-600 grams</li> <li>Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial</li> </ul>		
HORTICULT	URAL CROPS				
Banana	All stages	Pseudostem weevil	Weevil damaged plants may be detected by mucilageneous exudus in the trunk region near the older leaves, shot holes are the characteristics symptoms. Uproot the plant and bury deep in the pit.		
Guava	Fruiting	Stem borer Fruit fly	<ul> <li>Harvest the mature fruits (Not over matured one) and send to market,</li> <li>Collect the dropped fruit and put the same in plastic bags and allow to dry in the sun so as to kill the fruit fly maggots</li> <li>Timely inspection of trunk of citrus trees for detection of attack of borer. Put cotton swab dipped in a systemic insecticide (like Imidacloprid 17SL) and put in the holes,</li> </ul>		
LIVESTO	OCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Chickens	All stages		<ul> <li>Provide cool drinking water all through the day, Add vitamin B complex with water,</li> <li>Avoid overcrowding,</li> <li>Vaccination against Ranikhet and infections bronchities</li> </ul>		

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





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

(Period: 6th to 10th October, 2018)

No: AMFU-Basar/2018/80

Dated: Fri, 5<sup>th</sup> October, 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 10 <sup>th</sup> October 2018
No weather summary available	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 30-32°C and 20-21°C
	respectively. Expected morning and evening relative humidity will be 84-
	88% and 24-27% respectively. Wind direction is mainly ESE & SSE with
	average wind speed range of 8-9 kmph.
Warning:	•

- Monitor for possible attack of insects/pests

		manure can be do	ne duri	ng clear/dry days
Proper drainage to all crop to avoid runoff				
Check of vaccination schedule in poultry/livestock     DETAILS OF ADVISORIES FOR THE PERIOD				
			MVISC	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug		Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit On clear/sunny days, spray carbendazim @2g/lit water to control infestation of leaf blast & leaf spot.
Kharif Rice (Early transplanted)	Harvesting		<b>*</b>	Immediate harvesting during clear/dry days Threshing followed by proper drying for safe storage,
Jhum field	Harvesting		<b>*</b>	Immediate harvesting of mature crops advocated  The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)
VEGETABLE	S			
Pea/Gram	Sowing		•	Immediate sowing of pea/gram in rice fallow advocated Treat pea with rhizobium@2gm/kg seed before sowing.
Tomato	Fruiting		•	Removing sideshoots is an important job which prevents the fruits being shaded by leaves.  Provide shed to protect from excessive rainfall
Rabi vegetables	Nursery/ Sowing		•	Right time for sowing of rabi vegetables; nursery under polyhouses/protected cultivation recommended.  Treat seeds with rhizobium@2gm/kg seed before sowing.
HORTICULTUR	AL CROPS			
Large Cardamom		Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	•	Mulching with locally available materials like dry grass/paddy straw recommended Remove diseased part & keep inflorescence clean. Uproot & burn virus infected plants
Citrus	Fruiting	Fruit fly	•	Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
LIVESTOCKS				
Livestock	Stage	Disease	*	Precautionary Practices to be followed
Poultry	All stages		•	Provide preventive dose of anti-coccidial drugs to poultry.  Close all openings/ventilation in the poultry house
Piggery	All stages		•	Disinfecting the shed with lime powder/ bleaching powder/ 4% NaOH at regular interval advocated.
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247



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

Arunachal Pradesh (Period: 6<sup>th</sup> to 10<sup>th</sup> October, 2018)

No: AMFU-Basar/2018/80

Dated: Fri, 5<sup>th</sup> October, 2018



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

### ADVISORY FOR DISTRICT: CHANGLANG

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

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> October 2018
Rainfall = Changlang: NA Miao: 1.2 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 31-33°C and 19-22°C
	respectively. Expected morning and evening relative humidity will be 89-
	93% and 36-48% respectively. Wind direction is mainly SE with average
	wind speed range of 4-5 kmph.
Warning:	•

### GENERAL RECOMMENDATIONS

GENERAL RECOMMENDATIONS					
Monitor for possible attack of insects/pests					
Application of fertilizers/manure can be done during clear/dry days					
Proper drainage to all crop to avoid runoff					
Check of	Check of vaccination schedule in poultry/livestock				
		DETAILS OF	ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS	5				
Rice	Harvesting	<u>Gundhi Bug</u>	<ul> <li>As weather will be clear harvesting of mature IR-8 cultivar may be done in present weather conditions,</li> <li>Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage. Alternate drying and wetting of field is highly desirable in WRC field,</li> <li>Spraying may be done against an increasing population of Gundhi bug,</li> </ul>		
Maize	Harvesting	Stem borer/ Cut worm/ Rat	<ul> <li>Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.</li> <li>Harvest mature cobs and dry properly before storing</li> <li>Use locally available traps to control rats menace,</li> </ul>		
VEGETABLE	1				
Cabbage/ Cauliflower/ Knolkhol/ Others	Nursery preparation/ Transplanting	Damping off Wilting Cut worm	<ul> <li>Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,</li> <li>Preparation of raised nursery may be done,</li> <li>Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams</li> <li>Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.</li> <li>Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm</li> </ul>		
	URAL CROPS				
Banana	All stages	Pseudostem weevil	Weevil damaged plants may be detected by mucilageneous exudus in the trunk region near the older leaves, shot holes are the characteristics symptoms. Uproot the plant and bury deep in the pit.		
Guava	Fruiting	Stem borer Fruit fly	<ul> <li>Harvest the mature fruits (Not over matured one) and send to market,</li> <li>Collect the dropped fruit and put the same in plastic bags and allow to dry in the sun so as to kill the fruit fly maggots</li> <li>Timely inspection of trunk of citrus trees for detection of attack of borer. Put cotton swab dipped in a systemic insecticide (like Imidacloprid 17SL) and put in the holes.</li> </ul>		
❖ LIVEST	❖ LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Chickens	All stages		<ul> <li>Provide cool drinking water all through the day, Add vitamin B complex with water,</li> <li>Avoid overcrowding,</li> <li>Vaccination against Ranikhet and infections bronchities</li> </ul>		

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



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



2018)

Dated: Fri, 5<sup>th</sup> October, 2018

No: AMFU-Basar/2018/79



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 10 <sup>th</sup> October 2018
Rainfall = 0.0 mm	Variable sky with possibility of light/moderate rainfall. Daily maximum
	and minimum temperature for the following period is predicted to be 30-
	32°C and 19-22°C respectively. Expected morning and evening relative
	humidity will be 87-91% and 34-45% respectively. Wind direction is mainly
	ESE & SE with average wind speed range of 7 kmph.
Warning:	•

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days

• Check of	f vaccination sche	- dule in noultry/liv <i>a</i>	estock	
Check of vaccination schedule in poultry/livestock     DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul> <li>Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit</li> <li>On clear/sunny days, spray carbendazim @2g/lit water to control infestation of leaf blast &amp; leaf spot.</li> </ul>	
Kharif Rice (Early transplanted)	Harvesting		<ul> <li>Immediate harvesting during clear/dry days</li> <li>Threshing followed by proper drying for safe storage,</li> </ul>	
Jhum field	Harvesting		<ul> <li>Immediate harvesting of mature crops advocated</li> <li>The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li> </ul>	
VEGETABLES	S			
Pea/Gram	Sowing		<ul> <li>Immediate sowing of pea/gram in rice fallow advocated</li> <li>Treat pea with rhizobium@2gm/kg seed before sowing.</li> </ul>	
Tomato	Fruiting		<ul> <li>Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li> <li>Provide shed to protect from excessive rainfall</li> </ul>	
Rabi vegetables	Nursery/ Sowing		<ul> <li>Right time for sowing of rabi vegetables; nursery under polyhouses/protected cultivation recommended.</li> <li>Treat seeds with rhizobium@2gm/kg seed before sowing.</li> </ul>	
HORTICULTUR	AL CROPS			
Large Cardamom		Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul> <li>Mulching with locally available materials like dry grass/paddy straw recommended</li> <li>Remove diseased part &amp; keep inflorescence clean.</li> <li>Uproot &amp; burn virus infected plants</li> </ul>	
Citrus	Fruiting	Fruit fly	• Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.	
LIVESTOCKS				
Livestock	Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>	
Poultry	All stages		<ul> <li>Provide preventive dose of anti-coccidial drugs to poultry.</li> <li>Close all openings/ventilation in the poultry house</li> </ul>	
Piggery	All stages		<ul> <li>Disinfecting the shed with lime powder/ bleaching powder/ 4% NaOH at regular interval advocated.</li> </ul>	



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





No: AMFU-Basar/2018/80

Dated: Fri, 5<sup>th</sup> October, 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 10 <sup>th</sup> October 2018
Rainfall = 4.2 mm	Generally fair weather with possibility of light rainfall. Daily maximum
	and minimum temperature for the following period is predicted to be 30-
	32°C and 20-23°C respectively. Expected morning and evening relative
	humidity will be 87-92% and 42-44% respectively. Wind direction is mainly
	S & SSW with average wind speed range of 6-7 kmph.
Warning:	•

GENER	GENERAL RECOMMENDATIONS				
• Monitor	Monitor for possible attack of insects/pests				
Application of fertilizers/manure can be done during clear/dry days					
	Proper drainage to all crop to avoid runoff				
_	f vaccination sche	=			
- Check of	r vaccination sene		ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS	Stage	1 est/Disease	Trecautionary fractices to be followed		
Rice	Harvesting	Gundhi Bug	<b>❖</b> As weather will be clear harvesting of mature IR-8 cultivar		
Rice	Trai vesting	Gundin Bug	may be done in present weather conditions,		
			<ul> <li>★ Maintain at least 5 mm water level in the rice field where crop is</li> </ul>		
			in grain filling stage or at tillering stage. Alternate drying and		
			wetting of field is highly desirable in WRC field,		
			Spraying may be done against an increasing population of		
			Gundhi bug,		
Maize	Harvesting	Stem borer/	<b>❖</b> Maintain adequate moisture level in the field where crop is		
		Cut worm/	in CRI stage or in tasseling stage.		
		Rat	Harvest mature cobs and dry properly before storing		
			Use locally available traps to control rats menace,		
VEGETABLE					
Cabbage/ Cauliflower/	Nursery		* Transplanting of healthy seedlings may be done in well		
Knolkhol/	preparation/ Transplanting		prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate		
Others	Transplanting		water till the establishment of the seedlings,		
Officis			<ul> <li>water the the establishment of the seedings,</li> <li>Preparation of raised nursery may be done,</li> </ul>		
			Seed rate:- Hybrid-200-300 grams (for one hectare area),		
			Others-500-600 grams		
		Damping off	Soil drenching of nursery with 2gm/litre water of Bavistin, if		
		Wilting	symptoms of damping off /wilting are observed. Uproot and		
			destroy the wilted seedlings by deep burial.		
		~	<b>❖</b> Monitor newly transplanted seedlings against attack of Cut		
		<u>Cut worm</u>	worm. Apply fresh and dry saw dust (wood) at the pit of the		
	LIDAL GDODG		seedlings to repel cut worm		
HORTICULT		Doordootom	W 91 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Banana	All stages	Pseudostem weevil	Weevil damaged plants may be detected by mucilageneous exudus  in the transfer region poor the alder leaves short helps are the		
		weevii	in the trunk region near the older leaves, shot holes are the		
Guava	Fruiting	Stem borer	<ul> <li>characteristics symptoms. Uproot the plant and bury deep in the pit.</li> <li>Harvest the mature fruits (Not over matured one) and send to</li> </ul>		
Guava	Truiting	Fruit fly	market,		
		110101119	<ul> <li>Collect the dropped fruit and put the same in plastic bags and allow</li> </ul>		
			to dry in the sun so as to kill the fruit fly maggots		
			Timely inspection of trunk of citrus trees for detection of attack		
			of borer. Put cotton swab dipped in a systemic insecticide (like		
			Imidacloprid 17SL) and put in the holes,		
❖ LIVESTO					
Livestock	Stage	Disease	Precautionary Practices to be followed		
Chickens	All stages		Provide cool drinking water all through the day, Add vitamin B		
			complex with water,		
			Avoid overcrowding,		
			Vaccination against Ranikhet and infections bronchities		
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVI	K staff for measures against adverse conditions or call at 03795-226237/226247		