

**District Level Agro-met Advisory Bulletin** 

**Arunachal Pradesh** 

(Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98





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 16 <sup>th</sup> December 2018
No weather summary available	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 22.5-23.0°C and 4.0-
	5.0°C respectively. Expected morning and evening relative humidity will be
	60-62% and 21-30% respectively. Wind direction is mainly SSE with
	average wind speed range of 7.9-8.8 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

DETAILS OF ADVISORIES FOR THE PERIOD			
Сгор	Stage	<b>Pest/Disease</b>	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul> <li>Harvesting of the standing crop is advised in a priority basis.</li> <li>Sun-dry the harvested crop before storage.</li> <li>Drain excess water in the field 7-10 days before harvesting to hasten maturity &amp; improve harvesting condition. This would also enable early &amp; easy preparation of field for next crop(Rabi),</li> </ul>
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul> <li>Spraying of Dimethoate @ 2 ml per litre of water</li> <li>Collect and dispose off the heavily infested twigs,</li> <li>For painted bug dusting with wood ash is advised,</li> </ul>
Pea	Sowing/ germination/ vegetative	Cut worm	<ul> <li>Sowing of late crop should be done immediately,</li> <li>Go for light irrigation in vegetative or germination stage</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
VEGETABLES			
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul> <li>Light irrigation is essential,</li> <li>Regular monitoring against DBM and Cabbage caterpillar.</li> <li>Manual removal of egg mass/caterpillars is advised,</li> </ul>
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul> <li>Periodical hand picking of dead shoots and fruits and its destruction,</li> </ul>
HORTICULTUR	AL CROPS		
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul> <li>In present weather conditions regularly collect and dispose off fallen fruits,</li> <li>Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.</li> </ul>
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul> <li>Training &amp; pruning of diseased/criss-cross branches to harvest more solar energy &amp; for proper growth.</li> <li>Maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> <li>Apply Bordeaux paste</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Provide adequate bedding materials &amp; warmth@ 2watts/chick &amp; close all ventilations.</li> <li>Vaccination of birds as per the recommended age,</li> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily.</li> </ul>
Pig	All stages		<ul> <li>Deworming at regular interval</li> </ul>
Contact Scie	entists (ICAR) or Stat	e Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



ब्लॉक स्तर प्रयोगात्मक कृषि मौसम सलाहकार सेवा पत्रिका

**Block Level Experimental Agro-met Advisory Bulletin** 12<sup>th</sup> to 16<sup>th</sup>

No: AMFU-Basar/2018/47



cember, 2018) Dated: Tue, 11<sup>th</sup> December, 2018



Gramin Krishi Mausam Sewa

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

## **ADVISORY FOR BLOCK: BASAR**

{Basar: Latitude: 27°59.53/Longitude: 94.41.269/Altitude: 616 amsl}

Weather summery of the previous week	Weather forecast valid up to 16 <sup>th</sup> December 2018
Rainfall: 0.0 mm, Max. T: 22.1°C, Min. T: 5.0°C, Wind Speed: 3-6 km/h, RH: 49-98%, Wind Direction: SW & NNE	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 10-11°C respectively. Expected morning and evening relative humidity will be 48-55% and 22-26% respectively. Wind direction is mainly NNW with average wind speed range of 4-5 kmph.
Warning:	•

### **GENERAL RECOMMENDATIONS**

- Monitor for possible attack of insects/pests
- Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
- Application of fertilizers/manure can be done during clear/dry days

(Period:

Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD				
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Kharif Rice	Physiological		*	Harvesting of the standing crop is advised in a priority basis.
(Normal	maturity/		*	v 1 8
transplanted)	harvesting		*	Drain excess water in the field 7-10 days before harvesting to
				hasten maturity & improve harvesting condition. This would
				also enable early & easy preparation of field for next
				crop(Rabi),
Mustard	Vegetative/	Aphid/	*	Spraying of Dimethoate @ 2 ml per litre of water
	Flowering	Painted bug	*	Collect and dispose off the heavily infested twigs,
			*	For painted bug dusting with wood ash is advised,
Pea	Sowing/	Cut worm	*	Sowing of late crop should be done immediately,
	germination/		*	Go for light irrigation in vegetative or germination stage
	vegetative		*	When damage level is high application of Lannate 40 SP @ 5
				gram per 10 litre of water may be done,
VEGETABLES				
Cauliflower/	Vegetative/	Diamond Back	*	Light irrigation is essential,
Cabbage/	Maturing/	moth (DBM)/	*	Regular monitoring against DBM and Cabbage caterpillar.
Brocolli/		Cabbage	*	Manual removal of egg mass/caterpillars is advised,
Knolkhol		caterpillar		
Brinjal	Fruiting/	Brinjal Shoot	*	Periodical hand picking of dead shoots and fruits and its
	Maturity	and Fruit Borer		destruction,
HORTICULTUR	AL CROPS			
Khasi Mandarin	Maturing		*	In present weather conditions regularly collect and dispose
	Harvesting			off fallen fruits,
		Citrus mite	*	Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water
				at the interval of 15 days if the infestation persists.
Peach/kiwi/apple			*	Training & pruning of diseased/criss-cross branches to harvest
/ pears	(harvesting over)			more solar energy & for proper growth.
			*	Maintain proper framework of the plant & remove the
				unnecessary branches & diseased plant parts.
			*	Apply Bordeaux paste
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages		*	Provide adequate bedding materials & warmth@ 2watts/chick &
				close all ventilations.
				Vaccination of birds as per the recommended age,
				Avoid dampness, litter should be periodically changed.
			**	Provide clean and fresh water daily.
Pig	All stages		**	Deworming at regular interval



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh (Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98



Dated: Tue, 11<sup>th</sup> December, 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 16 <sup>th</sup> December 2018
Rainfall = Changlang: NA Miao: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 28.0-28.3°C and 8.9-
	9.5°C respectively. Expected morning and evening relative humidity will be
	60-62% and 22-24% respectively. Wind direction is mainly SSE with
	average wind speed range of 4.3-4.7 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

DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Vegetative/ flowering	White rust/ Downy mildew	Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	<ul> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
Kharif Rice	Harvesting		Dry & properly winnow the grains for safe storage.
VEGETABLE	S		
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> </ul>
			<ul> <li>Light interculture operations should be done,</li> </ul>
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>
HORTICULTUR	AL CROPS		
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> <li>After harvesting grade the fruits.</li> </ul>
Orchards (guava, apple, pears etc)			<ul> <li>If harvesting is over, maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>
Contact Scie	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247

ब्लॉक स्तर प्रयोगात्मक कृषि मौसम सलाहकार सेवा पत्रिका

**Block Level Experimental Agro-met Advisory Bulletin** 16th

ember.

No: AMFU-Basar/2018/47



2018) Dated: Tue, 11<sup>th</sup> December, 2018



Gramin Krishi Mausam Sewa

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

## **ADVISORY FOR BLOCK: DARING**

{Latitude: 28°11.651'/ Longitude: 94°45.712'/Altitude: 350-450 amsl}

Weather summery of the previous week	Weather forecast valid up to 16 <sup>th</sup> December 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 26-28°C and 09-11°C
	respectively. Expected morning and evening relative humidity will be 52-
	58% and 22-26% respectively. Wind direction is mainly NNW with average
	wind speed range of 4 kmph.
Warning:	•

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- Monitor for possible attack of insects/pests
- Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended
- 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 A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Mustard	Vegetative/ flowering	White rust/ Downy mildew	Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	<ul> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
Kharif Rice	Harvesting		Dry & properly winnow the grains for safe storage.
VEGETABLE	S		
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> <li>Light interculture operations should be done,</li> </ul>
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>
HORTICULTUR	AL CROPS		
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> <li>After harvesting grade the fruits.</li> </ul>
Orchards (guava, apple, pears etc)			<ul> <li>If harvesting is over, maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>
Contact Scientist	s (ICAR) or State	Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



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**Arunachal Pradesh** 

(Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98



Dated: Tue, 11<sup>th</sup> December, 2018



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 16 <sup>th</sup> December 2018
Rainfall = 0.0 mm	Mostly sunny with possibility of very light rain. Daily maximum and
	minimum temperature for the following period is predicted to be 22.8-
	23.0°C and 4.6-5.0°C respectively. Expected morning and evening relative
	humidity will be 60-62% and 27-36% respectively. Wind direction is mainly
	SSE with average wind speed range of 9.1-10.7 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

DETAILS OF ADVISORIES FOR THE PERIOD				
Сгор	Stage	Pest/Disease		<b>Precautionary Practices to be followed</b>
FIELD CROPS				
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		*	Harvesting of the standing crop is advised in a priority basis. Sun-dry the harvested crop before storage. Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	*	Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised,
Pea	Sowing/ germination/ vegetative	Cut worm	* * *	Sowing of late crop should be done immediately, Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES				
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	*	Light irrigation is essential, Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	*	Periodical hand picking of dead shoots and fruits and its destruction,
HORTICULTUR	AL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite		<b>In present weather conditions regularly collect and dispose off fallen fruits,</b> Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)			Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth. Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts. Apply Bordeaux paste
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages		* *	Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily.
Pig	All stages			Deworming at regular interval
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	*	Maintain warmth in the shed, measures against adverse conditions or call at 03795-226237/226247

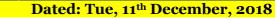


# **District Level Agro-met Advisory Bulletin**

Arunachal Pradesh

(Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98





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 16 <sup>th</sup> December 2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 26.0-27.0°C and 8.0-
	8.5°C respectively. Expected morning and evening relative humidity will be
	60-61% and 23-29% respectively. Wind direction is mainly S with average
	wind speed range of 7.6-7.9 kmph.
Warning:	•

(	GENER	AL RE	COMM	[ENDA]	TIONS	

- 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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Mustard	Vegetative/ flowering	White rust/ Downy mildew	Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	<ul> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
Kharif Rice	Harvesting		Dry & properly winnow the grains for safe storage.
VEGETABLE	S	1	
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> <li>Light interculture operations should be done,</li> </ul>
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>
HORTICULTUR	AL CROPS		
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> <li>After harvesting grade the fruits.</li> </ul>
Orchards (guava,			If harvesting is over, maintain proper framework of the plant &
apple, pears etc)			remove the unnecessary branches & diseased plant parts.
LIVESTOCKS	Ct.	D:	
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>
Contact Scie	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247





**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

### No: AMFU-Basar/2018/98



Dated: Tue, 11<sup>th</sup> December, 2018



Gramin Krishi Mausam Sewa

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

# ADVISORY FOR DISTRICT: EAST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 16 <sup>th</sup> December 2018
Rainfall: 0.0 mm; T. Max: 25.0°C; T. Min:	Generally clear/dry weather forecasted. Daily maximum and minimum
14.0°C ; RH: 57-76%	temperature for the following period is predicted to be 28.0-28.3°C and 8.9-
	9.5°C respectively. Expected morning and evening relative humidity will be
	60-62% and 23-26% respectively. Wind direction is mainly W with average
	wind speed range of 6.0-6.3 kmph.
Warning:	•

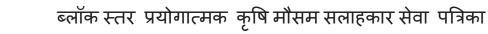
#### GENERAL RECOMMENDATIONS

• 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				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS					
Mustard	Vegetative/ flowering	White rust/ Downy mildew	Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.		
Pea	Sowing	Cut worm	<ul> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>		
Kharif Rice	Harvesting		<ul> <li>Dry &amp; properly winnow the grains for safe storage.</li> </ul>		
VEGETABLE	S				
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea		
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> <li>Light interculture operations should be done,</li> </ul>		
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>		
HORTICULTUR	AL CROPS	1			
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>		
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> </ul>		
Orchards (guava, apple, pears etc)			<ul> <li>After harvesting grade the fruits.</li> <li>If harvesting is over, maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> </ul>		
LIVESTOCKS		• 			
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>		
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>		
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	K staff for measures against adverse conditions or call at 03795-226237/226247		



(Period:

12<sup>th</sup> to 16<sup>th</sup>

**Block Level Experimental Agro-met Advisory Bulletin** 

No: AMFU-Basar/2018/47



cember, 2018) Dated: Tue, 11<sup>th</sup> December, 2018



Gramin Krishi Mausam Sewa

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

**ADVISORY FOR BLOCK: GENSI** 

{Latitude: 27°48.044'/ Longitude: 94°43.409'/Altitude: 750-850 amsl}

Weather summery of the previous week	Weather forecast valid up to 16 <sup>th</sup> December 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 27-28°C and 09-11°C
	respectively. Expected morning and evening relative humidity will be 56-
	60% and 24-28% respectively. Wind direction is mainly NNW with average
	wind speed range of 5 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

	DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease	Precautionary Practice	s to be followed	
FIELD CROPS					
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting			fore storage.	
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul> <li>Spraying of Dimethoate @ 2 ml</li> <li>Collect and dispose off the heav</li> <li>For painted bug dusting with wo</li> </ul>	ily infested twigs,	
Pea	Sowing/ germination/ vegetative	Cut worm	<ul> <li>Sowing of late crop should be of Go for light irrigation in vegetat</li> <li>When damage level is high apple gram per 10 litre of water may be</li> </ul>	ive or germination stage ication of Lannate 40 SP @ 5	
VEGETABLES					
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul> <li>Light irrigation is essential,</li> <li>Regular monitoring against DBM</li> <li>Manual removal of egg mass/cat</li> </ul>		
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul> <li>Periodical hand picking of dead destruction,</li> </ul>	shoots and fruits and its	
HORTICULTUR	AL CROPS				
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul> <li>In present weather conditions off fallen fruits,</li> <li>Spray Dicofol @1.5ml or wettab at the interval of 15 days if the in</li> </ul>	ble sulphur@3g per litre of water	
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul> <li>Training &amp; pruning of diseased/ more solar energy &amp; for proper g</li> <li>Maintain proper framework o unnecessary branches &amp; diseased</li> <li>Apply Bordeaux paste</li> </ul>	criss-cross branches to harvest growth. <b>f the plant &amp; remove the</b>	
LIVESTOCKS			<b>FI J</b>		
Livestock	Stage	Disease	Precautionary Practice	es to be followed	
Poultry	All stages		<ul> <li>Provide adequate bedding mater close all ventilations.</li> <li>Vaccination of birds as per the resolution of birds as per the resolution</li></ul>	ials & warmth@ 2watts/chick & ecommended age, e periodically changed.	
Pig	All stages		<ul> <li>Deworming at regular interval</li> </ul>		
-	-	e Agril Staff or KVK	for measures against adverse conditions of	r call at 03795-226237/226247	



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

**Arunachal Pradesh** 

(Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

### No: AMFU-Basar/2018/98



Dated: Tue, 11<sup>th</sup> December, 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 16 <sup>th</sup> December 2018
Rainfall (Koloriang): 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 20.0-20.3°C and 1.6-
	2.0°C respectively. Expected morning and evening relative humidity will be
	62-63% and 22-34% respectively. Wind direction is mainly S with average
	wind speed range of 8.1-8.8 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

Check of vaccination schedule in poultry/livestock     DETAILS OF ADVISORIES FOR THE PERIOD					
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS					
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		*	Harvesting of the standing crop is advised in a priority basis. Sun-dry the harvested crop before storage. Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),	
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	* * *	Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised,	
Pea	Sowing/ germination/ vegetative	Cut worm	* * *	<b>Sowing of late crop should be done immediately,</b> Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,	
VEGETABLES					
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	* * *	Light irrigation is essential, Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,	
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	*	Periodical hand picking of dead shoots and fruits and its destruction,	
HORTICULTUR	AL CROPS				
Khasi Mandarin	Maturing Harvesting	Citrus mite		In present weather conditions regularly collect and dispose off fallen fruits, Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.	
Peach/kiwi/apple / pears	Vegetative (harvesting over)		* * *	Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth. Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts. Apply Bordeaux paste	
LIVESTOCKS					
Livestock	Stage	Disease		Precautionary Practices to be followed	
Poultry	All stages		*	Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily.	
Pig	All stages			Deworming at regular interval	
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	*	Maintain warmth in the shed,	
	entists (ICAR) or Stat	e Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247	



ब्लॉक स्तर प्रयोगात्मक कृषि मौसम सलाहकार सेवा पत्रिका

(Period.

**Block Level Experimental Agro-met Advisory Bulletin** 

12<sup>th</sup> to 16<sup>th</sup> cember, 2018)

Dated: Tue, 11<sup>th</sup> December, 2018

No: AMFU-Basar/2018/47



Gramin Krishi Mausam Sewa

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

### **ADVISORY FOR BLOCK: LIKABALI-KANGKU**

{Latitude: 27°59.56'/ Longitude: 94°76.79'/Altitude: 150-250 amsl}

Weather summery of the previous week	Weather forecast valid up to 16 <sup>th</sup> December 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 27-28°C and 09-11°C
	respectively. Expected morning and evening relative humidity will be 49-
	54% and 25-29% respectively. Wind direction is mainly NNW with average
	wind speed range of 4 kmph.
Warning:	•

#### **GENERAL RECOMMENDATIONS**

- Monitor for possible attack of insects/pests
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

**DETAILS OF ADVISORIES FOR THE PERIOD** 

Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	Juge	I Cou Discuse	
Mustard	Vegetative/	White rust/	Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White met/Daymy milday.
Pea	flowering Sowing	Downy mildew Cut worm	<ul> <li>at 15 days interval against White rust/Downy mildew.</li> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
Kharif Rice	Harvesting		<ul> <li>Dry &amp; properly winnow the grains for safe storage.</li> </ul>
VEGETABLE	S	•	
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> <li>Light interculture operations should be done,</li> </ul>
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>
HORTICULTUR	AL CROPS		
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> <li>After harvesting grade the fruits.</li> </ul>
Orchards (guava, apple, pears etc)			<ul> <li>If harvesting is over, maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>
Contact Sci	<mark>entists (ICAR) or Sta</mark>	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: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98



Dated: Tue, 11<sup>th</sup> December, 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 16 <sup>th</sup> December 2018
Rainfall: 0.0 mm (Tezu)	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 26.0-26.5°C and 7.9-
	8.3°C respectively. Expected morning and evening relative humidity will be
	60-61% and 20-25% respectively. Wind direction is mainly NE average
	wind speed range of 6.8-7.1 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

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	5		
Mustard	Vegetative/ flowering	White rust/ Downy mildew	<ul> <li>Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.</li> </ul>
Pea	Sowing	Cut worm	<ul> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
Kharif Rice	Harvesting		Dry & properly winnow the grains for safe storage.
VEGETABLE	S		
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> <li>Light interculture operations should be done,</li> </ul>
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>
HORTICULTUR	RAL CROPS		
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> <li>After harvesting grade the fruits.</li> </ul>
Orchards (guava apple, pears etc)			<ul> <li>If harvesting grade the finite.</li> <li>If harvesting is over, maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>
Contact Sc	<mark>ientists (ICAR) or Sta</mark>	ate 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: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98

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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 16 <sup>th</sup> December 2018
Rainfall (Roing): 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 26.0-26.3°C and 7.0-
	7.3°C respectively. Expected morning and evening relative humidity will be
	61-62% and 22-26% respectively. Wind direction is mainly SE with average
	wind speed range of 7.9-8.5 kmph.
Warning:	•

	RAL RECOMME					
<ul> <li>Monito</li> </ul>	or for possible atta	ck of insects/pests				
		manure can be dor	ne durii	ng clear/dry days		
<ul> <li>Proper</li> </ul>	drainage to all cr	op to avoid runoff				
Check of vaccination schedule in poultry/livestock						
DETAILS OF ADVISORIES FOR THE PERIOD						
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS	S					
Mustard	Vegetative/ flowering	White rust/ Downy mildew	*	Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/li at 15 days interval against White rust/Downy mildew.		
WRC rice –	Maturing	Gundhi bug	*	Harvesting of the standing crop is advised only during		
Main crop	6			clear/dry days,		
(Mipun)			*	Threshing and proper sun-drying is important		
		Rat		Herein, farmers are advised not to kill snakes as far as possible,		
		nut	·	as they are the main biological agent which check rodent population,		
Pea	Sowing	Cut worm	*	Sowing of quality seed should not be prolonged further,		
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			When damage level is high application of Lannate 40 SP @ 5		
			•	gram per 10 litre of water may be done,		
VEGETABL	ES					
Cabbage/	Vegetative	Leaf eating	*	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating		
cauliflower	· · · · · · · · · · · · · · · · · · ·	insects	•	insects in cabbage/cauliflower/pea		
Carrot	Vegetative		*	Light irrigation is essential,		
Currot	, egetati (e			Light interculture operations should be done,		
Spinach	Vegetative			Sowing of certified/locally available seeds in well prepared		
~p	Harvesting		•	nursery may be done,		
Potato	Vegetative		*	Light irrigation followed by earthing-up,		
100000	· · · · · · · · · · · · · · · · · · ·			Monitor the crop against attack of Cutworm,		
HORTICULTU	RAL CROPS					
Banana	All stages		*	Cleaning around the crop,		
Dununu	i ili stuges			Mulching with straw/crop residue at root zone to avoid frost		
			•	injury.		
Citrus	Fruiting/		*	Harvest the fruits		
	maturity		*	If delay anticipated in harvesting, two spray of Giberellic		
			•	acid 15 ppm + urea 1% may be given at 15 days interval.		
			*	Collect & dispose rotten fallen fruits/ install fruitfly traps		
LIVESTOCKS						
Livestock	Stage	Disease		<ul> <li>Precautionary Practices to be followed</li> </ul>		
Pigs	All stages	Swine fever	*	Make sure they have adequate dry bedding, lethargic pigs may		
1 125	7 III stages	Swille level	•	have pneumonia-check temperature		
			*	Care pregnant animals,		
				Provide proper bedding materials and close all the ventilations		
			·	in the house to avoid cold waves at night.		
Poultry	All stages		*	Provide adequate bedding materials & warmth@ 2watts/chick &		
J	83		-	close all ventilations.		
			*	Provide adequate potable drinking water		
Contact So	<mark>cientists (ICAR) or St</mark>	ate Agril Staff or KVK		measures against adverse conditions or call at 03795-226237/226247		



Dated: Tue, 11<sup>th</sup> December, 2018

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जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

District Level Agro-met Advisory Bulletin (Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98



Dated: Tue, 11th December, 2018



Gramin Krishi Mausam Sewa

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

# **ADVISORY FOR DISTRICT: LOWER SUBANSIRI**

Weather summery of the previous week	Weather forecast valid up to 16 <sup>th</sup> December 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 26.0-27.0°C and 8.0-
	8.5°C respectively. Expected morning and evening relative humidity will be
	60-61% and 26-33% respectively. Wind direction is mainly NW & WNW
	with average wind speed range of 7.7-8.0 kmph.
Warning:	•

of fertilizers/n nage to all croj	p to avoid runoff dule in poultry/liv DETAILS OF 4 Pest/Disease Aphid/ Painted bug Cut worm	vestock ADVISC	hasten maturity & improve harvesting condition. This would
of fertilizers/n nage to all crop ccination schee Stage Stage //siological turity/ vesting Vegetative/ Flowering Sowing/ ermination/ vegetative	nanure can be do p to avoid runoff dule in poultry/liv DETAILS OF # Pest/Disease Aphid/ Painted bug Cut worm	vestock ADVISC * * * * * *	<b>PRIES FOR THE PERIOD Precautionary Practices to be followed Harvesting of the standing crop is advised in a priority basis. Sun-dry the harvested crop before storage. Drain excess water in the field 7-10 days before harvesting to hasten maturity &amp; improve harvesting condition.</b> This would also enable early & easy preparation of field for next crop(Rabi),         Spraying of Dimethoate @ 2 ml per litre of water         Collect and dispose off the heavily infested twigs,         For painted bug dusting with wood ash is advised, <b>Sowing of late crop should be done immediately,</b> Go for light irrigation in vegetative or germination stage         When damage level is high application of Lannate 40 SP @ 5
age to all crop         cination sched         Stage         Stage         /siological         turity/         vesting         Vegetative/         Flowering         Sowing/         ermination/         vegetative	p to avoid runoff dule in poultry/liv DETAILS OF 4 Pest/Disease Aphid/ Painted bug Cut worm	vestock ADVISC * * * * * *	<b>PRIES FOR THE PERIOD Precautionary Practices to be followed Harvesting of the standing crop is advised in a priority basis. Sun-dry the harvested crop before storage. Drain excess water in the field 7-10 days before harvesting to hasten maturity &amp; improve harvesting condition.</b> This would also enable early & easy preparation of field for next crop(Rabi),         Spraying of Dimethoate @ 2 ml per litre of water         Collect and dispose off the heavily infested twigs,         For painted bug dusting with wood ash is advised, <b>Sowing of late crop should be done immediately,</b> Go for light irrigation in vegetative or germination stage         When damage level is high application of Lannate 40 SP @ 5
Sowing/ ermination/ vegetative/	dule in poultry/liv DETAILS OF A Pest/Disease Aphid/ Painted bug Cut worm	vestock ADVISC * * * * * * * * * * * * *	Precautionary Practices to be followedHarvesting of the standing crop is advised in a priority basis.Sun-dry the harvested crop before storage.Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised,Sowing of late crop should be done immediately, Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
Stage         vsiological         turity/         vesting         Vegetative/         Flowering         Sowing/         ermination/         vegetative	DETAILS OF A Pest/Disease Aphid/ Painted bug Cut worm	ADVISC * * * * * *	Precautionary Practices to be followedHarvesting of the standing crop is advised in a priority basis.Sun-dry the harvested crop before storage.Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised,Sowing of late crop should be done immediately, Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
/siological turity/ vesting Vegetative/ Flowering Sowing/ ermination/ vegetative	Pest/Disease Aphid/ Painted bug Cut worm		Precautionary Practices to be followedHarvesting of the standing crop is advised in a priority basis.Sun-dry the harvested crop before storage.Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised,Sowing of late crop should be done immediately, Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
/siological turity/ vesting Vegetative/ Flowering Sowing/ ermination/ vegetative	Aphid/ Painted bug Cut worm		<ul> <li>Harvesting of the standing crop is advised in a priority basis.</li> <li>Sun-dry the harvested crop before storage.</li> <li>Drain excess water in the field 7-10 days before harvesting to hasten maturity &amp; improve harvesting condition. This would also enable early &amp; easy preparation of field for next crop(Rabi),</li> <li>Spraying of Dimethoate @ 2 ml per litre of water</li> <li>Collect and dispose off the heavily infested twigs,</li> <li>For painted bug dusting with wood ash is advised,</li> <li>Sowing of late crop should be done immediately,</li> <li>Go for light irrigation in vegetative or germination stage</li> <li>When damage level is high application of Lannate 40 SP @ 5</li> </ul>
turity/ vesting Vegetative/ Flowering Sowing/ ermination/ vegetative	Painted bug Cut worm		Sun-dry the harvested crop before storage. Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi), Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, Sowing of late crop should be done immediately, Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
turity/ vesting Vegetative/ Flowering Sowing/ ermination/ vegetative	Painted bug Cut worm		Sun-dry the harvested crop before storage. Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi), Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, Sowing of late crop should be done immediately, Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
Vegetative/ Flowering Sowing/ ermination/ vegetative	Painted bug Cut worm	* * *	Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi), Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, Sowing of late crop should be done immediately, Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
Flowering Sowing/ ermination/ vegetative	Painted bug Cut worm	* * *	<ul> <li>also enable early &amp; easy preparation of field for next crop(Rabi),</li> <li>Spraying of Dimethoate @ 2 ml per litre of water</li> <li>Collect and dispose off the heavily infested twigs,</li> <li>For painted bug dusting with wood ash is advised,</li> <li>Sowing of late crop should be done immediately,</li> <li>Go for light irrigation in vegetative or germination stage</li> <li>When damage level is high application of Lannate 40 SP @ 5</li> </ul>
Flowering Sowing/ ermination/ vegetative	Painted bug Cut worm	* * *	<ul> <li>crop(Rabi),</li> <li>Spraying of Dimethoate @ 2 ml per litre of water</li> <li>Collect and dispose off the heavily infested twigs,</li> <li>For painted bug dusting with wood ash is advised,</li> <li>Sowing of late crop should be done immediately,</li> <li>Go for light irrigation in vegetative or germination stage</li> <li>When damage level is high application of Lannate 40 SP @ 5</li> </ul>
Flowering Sowing/ ermination/ vegetative	Painted bug Cut worm	* * *	Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, <b>Sowing of late crop should be done immediately,</b> Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
Flowering Sowing/ ermination/ vegetative	Painted bug Cut worm	* * *	Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, <b>Sowing of late crop should be done immediately,</b> Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
Sowing/ ermination/ vegetative	Cut worm	* * *	For painted bug dusting with wood ash is advised, <b>Sowing of late crop should be done immediately,</b> Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
ermination/ vegetative		* *	<b>Sowing of late crop should be done immediately,</b> Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
ermination/ vegetative		*	Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
vegetative			When damage level is high application of Lannate 40 SP @ 5
		*	
/egetative/			grain per 10 nue of water may be done,
legetative/			
	Diamond Back	*	Light irrigation is essential,
•			Regular monitoring against DBM and Cabbage caterpillar.
		•	Manual removal of egg mass/caterpillars is advised,
	caterpillar		
Fruiting/	Brinjal Shoot	*	Periodical hand picking of dead shoots and fruits and its
Maturity	and Fruit Borer		destruction,
CROPS			
Maturing		*	In present weather conditions regularly collect and dispose
Harvesting			off fallen fruits,
	Citrus mite	*	Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water
		<b></b>	at the interval of 15 days if the infestation persists.
		***	Training & pruning of diseased/criss-cross branches to harvest
(vesting over)		*	more solar energy & for proper growth. Maintain proper framework of the plant & remove the
		•••	unnecessary branches & diseased plant parts.
		*	Apply Bordeaux paste
Stage	Disease		Precautionary Practices to be followed
_		*	Provide adequate bedding materials & warmth@ 2watts/chick &
0			close all ventilations.
		*	Vaccination of birds as per the recommended age,
		*	Avoid dampness, litter should be periodically changed.
			Provide clean and fresh water daily.
All stages		*	Deworming at regular interval
Pigs/ Piglets	Cold	*	Maintain warmth in the shed,
	Maturity ROPS Maturing Harvesting etative vesting over)  Stage All stages igs/ Piglets	Cabbage caterpillarFruiting/ MaturityBrinjal Shoot and Fruit BorerROPSCitrus miteMaturing HarvestingCitrus miteetative vesting over)Citrus miteStageDiseaseAll stagesIigs/ PigletsCold	Cabbage caterpillarFruiting/ MaturityBrinjal Shoot and Fruit BorerROPSMaturing HarvestingCitrus miteCitrus mite*Citrus mite**************************************************************************************************************************



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98



Dated: Tue, 11<sup>th</sup> December, 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 16 <sup>th</sup> December 2018
Rainfall: 0.0 mm; T. Max: 29.0°C; T. Min:	Generally clear/dry weather forecasted. Daily maximum and minimum
11.0°C ; RH: 47-79%	temperature for the following period is predicted to be 28.0-28.3°C and 8.9-
	9.3°C respectively. Expected morning and evening relative humidity will be
	60-62% and 29-36% respectively. Wind direction is mainly SSW with
	average wind speed range of 6.4-6.7 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

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	5		
Mustard	Vegetative/ flowering	White rust/ Downy mildew	<ul> <li>Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.</li> </ul>
Pea	Sowing	Cut worm	<ul> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
Kharif Rice	Harvesting		Dry & properly winnow the grains for safe storage.
VEGETABLE	S		
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> <li>Light interculture operations should be done,</li> </ul>
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>
HORTICULTUR	RAL CROPS		
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> <li>After harvesting grade the fruits.</li> </ul>
Orchards (guava apple, pears etc)			<ul> <li>If harvesting grade the finite.</li> <li>If harvesting is over, maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> </ul>
LIVESTOCKS	• •	• 	
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>
Contact Sc	ientists (ICAR) or Sta	ate Agril Staff or KVF	staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98

Dated: Tue, 11<sup>th</sup> December, 2018



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

## **ADVISORY FOR DISTRICT: TAWANG**

Weather summery of the previous week	Weather forecast valid up to 16 <sup>th</sup> December 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 12.9-13.0°C and -
	6.0—5.7°C respectively. Expected morning and evening relative humidity
	will be 59-60% and 4-21% respectively. Wind direction is mainly variable
	with average wind speed range of 8.8-9.7 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**

FIELD CROPS				
Kharif Rice	Physiological		*	Harvesting of the standing crop is advised in a priority basis.
(Normal	maturity/		*	Sun-dry the harvested crop before storage.
transplanted)	harvesting		*	Drain excess water in the field 7-10 days before harvesting to
				hasten maturity & improve harvesting condition. This would
				also enable early & easy preparation of field for nex
				crop(Rabi),
Mustard	Vegetative/	Aphid/	*	Spraying of Dimethoate @ 2 ml per litre of water
	Flowering	Painted bug	*	Collect and dispose off the heavily infested twigs,
			*	For painted bug dusting with wood ash is advised,
Pea	Sowing/	Cut worm	*	Sowing of late crop should be done immediately,
	germination/		*	Go for light irrigation in vegetative or germination stage
	vegetative		*	
				gram per 10 litre of water may be done,
VEGETABLES				
Cauliflower/	Vegetative/	Diamond Back	*	Light irrigation is essential,
Cabbage/	Maturing/	moth (DBM)/	*	Regular monitoring against DBM and Cabbage caterpillar.
Brocolli/		Cabbage	*	Manual removal of egg mass/caterpillars is advised,
Knolkhol		caterpillar		
Brinjal	Fruiting/	Brinjal Shoot	*	Periodical hand picking of dead shoots and fruits and its
-	Maturity	and Fruit Borer		destruction,
HORTICULTUR	AL CROPS			
Khasi Mandarin	Maturing		*	In present weather conditions regularly collect and dispose
	Harvesting			off fallen fruits,
		Citrus mite	*	Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water
				at the interval of 15 days if the infestation persists.
Peach/kiwi/apple	Vegetative		*	Training & pruning of diseased/criss-cross branches to harvest
/ pears	(harvesting over)			more solar energy & for proper growth.
			*	Maintain proper framework of the plant & remove the
				unnecessary branches & diseased plant parts.
			*	Apply Bordeaux paste
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages		*	Provide adequate bedding materials & warmth@ 2watts/chick &
j.	-			close all ventilations.
			**	Vaccination of birds as per the recommended age,
				Avoid dampness, litter should be periodically changed.
				Provide clean and fresh water daily.
Pig	All stages		*	
Pig/Cattle/	Pigs/ Piglets	Cold	*	Maintain warmth in the shed,
112/Cauch				



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98





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 16 <sup>th</sup> December 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 28.3-28.7°C and 9.0-
	9.2°C respectively. Expected morning and evening relative humidity will be
	61-62% and 32-35% respectively. Wind direction is mainly ESE with
	average wind speed range of 3.8-4.4 kmph.
Warning:	•

- Avoid all spray operations
- Application of fertilizers/manure may be avoided
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD				
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Mustard	Vegetative/ flowering	White rust/ Downy mildew	Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.	
Pea	Sowing	Cut worm	<ul> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>	
Kharif Rice	Harvesting		Dry & properly winnow the grains for safe storage.	
VEGETABLE	S			
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea	
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> <li>Light interculture operations should be done,</li> </ul>	
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>	
HORTICULTUR	AL CROPS			
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>	
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> <li>After harvesting grade the fruits.</li> </ul>	
Orchards (guava, apple, pears etc)			<ul> <li>If harvesting is over, maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> </ul>	
LIVESTOCKS	·	·		
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>	
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>	
Contact Sci	ientists (ICAR) or Sta	ate 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: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98



Dated: Tue, 11<sup>th</sup> December, 2018



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 16 <sup>th</sup> December 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 23.0-23.3°C and 5.0-
	5.5°C respectively. Expected morning and evening relative humidity will be
	60-61% and 30-39% respectively. Wind direction is mainly SW & WSW
	with average wind speed range of 7.7-8.0 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

DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul> <li>Harvesting of the standing crop is advised in a priority basis.</li> <li>Sun-dry the harvested crop before storage.</li> <li>Drain excess water in the field 7-10 days before harvesting to hasten maturity &amp; improve harvesting condition. This would also enable early &amp; easy preparation of field for next crop(Rabi),</li> </ul>
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul> <li>Spraying of Dimethoate @ 2 ml per litre of water</li> <li>Collect and dispose off the heavily infested twigs,</li> <li>For painted bug dusting with wood ash is advised,</li> </ul>
Pea	Sowing/ germination/ vegetative	Cut worm	<ul> <li>Sowing of late crop should be done immediately,</li> <li>Go for light irrigation in vegetative or germination stage</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
VEGETABLES			
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul> <li>Light irrigation is essential,</li> <li>Regular monitoring against DBM and Cabbage caterpillar.</li> <li>Manual removal of egg mass/caterpillars is advised,</li> </ul>
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul> <li>Periodical hand picking of dead shoots and fruits and its destruction,</li> </ul>
HORTICULTUR			
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul> <li>In present weather conditions regularly collect and dispose off fallen fruits,</li> <li>Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.</li> </ul>
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul> <li>Training &amp; pruning of diseased/criss-cross branches to harvest more solar energy &amp; for proper growth.</li> <li>Maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> <li>Apply Bordeaux paste</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Provide adequate bedding materials &amp; warmth@ 2watts/chick &amp; close all ventilations.</li> <li>Vaccination of birds as per the recommended age,</li> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily.</li> </ul>
Pig	All stages		<ul> <li>Deworming at regular interval</li> </ul>
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	<ul> <li>Maintain warmth in the shed,</li> <li>staff for measures against adverse conditions or call at 03795-226237/226247</li> </ul>



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98

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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 16 <sup>th</sup> December 2018
Daporijo: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 26-27°C and 8.0-
	8.5°C respectively. Expected morning and evening relative humidity will be
	60-61% and 27-35% respectively. Wind direction is mainly NNW with
	average wind speed range of 7.7-8.4 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

DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Vegetative/ flowering	White rust/ Downy mildew	<ul> <li>Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.</li> </ul>
Pea	Sowing	Cut worm	<ul> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
Kharif Rice	Harvesting		Dry & properly winnow the grains for safe storage.
VEGETABLE	S		
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> <li>Light interculture operations should be done,</li> </ul>
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>
HORTICULTUR	AL CROPS		
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> <li>After harvesting grade the fruits.</li> </ul>
Orchards (guava, apple, pears etc)			<ul> <li>If harvesting is over, maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

No: AMFU-Basar/2018/98



Dated: Tue, 11<sup>th</sup> December, 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 16 <sup>th</sup> December 2018
Rainfall = Bomdila: NA ; Bhalukpong: 0.0 mm;	Generally clear/dry weather forecasted. Daily maximum and minimum
Kalaktang: 2.8 mm	temperature for the following period is predicted to be 23.0-23.3°C and 5.0-
	5.5°C respectively. Expected morning and evening relative humidity will be
	60-61% and 18-29% respectively. Wind direction is mainly NW & NNW
	wind speed range of 8.8-9.4 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

Crop         Stage         Pest/Disease         Precautionary Practices to be followed           FIELD CROPS         Mustard         Physiological maturity/ harvesting         * Harvesting of the standing crop is advised in a priority basis. Sun-dry the harvested crop before storage.           Mustard         Vegetative/ Painted bug         Aphid/         * Brancess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi).           Mustard         Vegetative/ Painted bug         Aphid/         * Spraying of Dimethoate @ 2 ml per litre of water           Pea         Sowing/ germination/ vegetative         Cut worm         * Sowing of late crop should be done immediately, egram per 10 litre of water may be done.           VEGETABLES         Diamond Back moth (DBM)/ Cabbage         * Light irrigation is essential, moth (DBM)/ Cabbage caterpillar           Brinjal         Fruiting/ Brinjal Shoot and Fruit Borer         * Periodical hand picking of dead shoots and fruits and its destruction, destruction, destruction, destruction, destruction, fraining / Paresting over)           Result for proper growth.         * In present weather conditions regularly collect and dispose off faller fruits, * Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infectation persists.           Peach/kiwi/apple         Vegetative (harvesting over)         * In present weather conditions regularly collect and dispose off faller fruits, * Spray Dicofol @	DETAILS OF ADVISORIES FOR THE PERIOD				
Kharif Rice (Normal maturity/ harvesting       Physiological maturity/ harvesting       * Harvesting of the standing crop is advised in a priority basis.         Mustard       Vegetative/ Flowering       Aphid/ Painted bug       * Barvesting of the standing crop is advised in a priority basis.         Mustard       Vegetative/ Flowering       Aphid/ Painted bug       * Spraying of Dimethoate @ 2 ml per litre of water crop(Rabh).         Pea       Sowing/ germination/ vegetative       Cut worm       * Sowing of late crop should be done immediately.         Go for light irrigation in vegetative of vegetative       Diamond Back moth (DBM)/ Cabbage       * Light irrigation is essential.         Brinjal       Fruiting/ Maturing       Diamond Back moth (DBM)/ Cabbage caterpillar       * Light irrigation is essential.         Brinjal       Fruiting/ Maturing       Brinjal Shoot thare and Fruit Bore       * Periodical hand picking of dead shoots and fruits and its destruction.         HORTICULTURAL CROPS       Vegetative (harvesting over)       * In present weather conditions regularly collect and dispose off fallen fruits.         Peach/kiwi/apple / pears       Vegetative (harvesting over)       * In present weather conditions regularly collect and dispose off fallen fruits.         Poultry       All stages       Periodical and picking of birds as per thre of water at the interval of 15 days if the infestation perists.         Poultry       All stages       Provide adequate bedding materials &	Crop	Stage	Pest/Disease		Precautionary Practices to be followed
(Normal transplanted)       maturity/ harvesting       * Sun-dry the harvested crop before storage.         (marking)       harvesting       * Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi).         Mustard       Vegetative/ Plowering       Aphid/ Painted bug       * Spraying of Dimethoate @ 2 ml per litre of water         Pea       Sowing/ germination/ vegetative       Cut worm       * Sowing of late crop should be done immediately,         Go for light irrigation in vegetative or germination stage wegetative       * Cut worm       * Sowing of late crop should be done,         VEGETABLES        Orabage       Waturing/ Cabbage       Diamond Back moth (DBM)/ Cabbage       * Light irrigation is essential,         Brinjal       Fruiting/ Maturity       Brinjal Shoot and Fruit Borer       * Light irrigation is essential,         Brinjal       Fruiting/ Maturity       Brinjal Shoot and Fruit Borer       * Periodical hand picking of dead shoots and fruits and its destruction,         HORTICULTURAL Pears       Vegetative (harvesting over)       Citrus mite       * In present weather conditions regularly collect and dispose off fallen fruits,         Pears       Vegetative (harvesting over)       Citrus mite       * In present weather conditions resolves to harvest more solar energy & for proper growth.         Hiarvesting overy					
Mustard       Vegetative/ Flowering       Aphid/ Painted bug       Spraying of Dimethoate @ 2 ml per litre of water         Pea       Sowing/ germination/ vegetative       Cut worm       Sowing of late crop should be done immediately,         Pea       Sowing/ germination/ vegetative       Cut worm       Sowing of late crop should be done immediately,         Cauliflower/ Cablage/ Brocolli/ Knolkhol       Vegetative/ Vegetative       Diamond Back moth (DBM)/ Cabbage caterpillar       Vegetative/ Cabbage caterpillar       Vegetative/ Periodical hand picking of dead shoots and fruits and its destruction,         HORTICULTURAL CROPS       In present weather conditions regularly collect and dispose off fallen fruits,       Periodical hand picking of dead shoots and fruits and its destruction,         Peach/kiwi/apple       Vegetative (harvesting over)       Citrus mite       In present weather conditions regularly collect and dispose off fallen fruits,         Peach/kiwi/apple       Vegetative (harvesting over)       Spray Dicofol @ 1.5ml or wettable sulphur@3 ger litre of water at the interval of 15 days if the infestation persists.	(Normal	maturity/		*	Sun-dry the harvested crop before storage. Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next
germination/ vegetative       germination/ vegetative       So for light irrigation in vegetative or germination stage         VEGETABLES       When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,         Cauliflower/ Cabbage/ Broolli/ Brocolli/ Broolli/ Broolli/ Brinjal       Vegetative/ Maturing/ Brinjal Shoot and Fruit Borer       Diamond Back moth (DBM)/ Cabbage caterpillar       Light irrigation is essential, Regular monitoring against DBM and Cabbage caterpillar.         Brinjal       Fruiting/ Maturing       Brinjal Shoot and Fruit Borer       Periodical hand picking of dead shoots and fruits and its destruction,         HORTICULTURAL CROPS       Citrus mite       Periodical hand picking of dead shoots and fruits and its destruction,         Khasi Mandarin       Maturing Harvesting       Tarining & Present weather conditions regularly collect and dispose off fallen fruits, Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.         Peach/kiwi/apple       Vegetative (harvesting over)       Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.         Vestock       Stage       Disease       Precautionary Practices to be followed         Poultry       All stages       Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.       Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed.         Pig/Cattle/ Yak       Pigs/		Flowering	Painted bug	* *	Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised,
Cauliflower/ Cabbage/ Brocolli/ Brocolli/ Maturing/       Vegetative/ Maturing/       Diamond Back moth (DBM)/ Cabbage caterpillar       * Light irrigation is essential, * Regular monitoring against DBM and Cabbage caterpillar.         Brinjal       Fruiting/ Maturity       Brinjal Shoot and Fruit Borer       * Periodical hand picking of dead shoots and fruits and its destruction,         HORTICULTURAL CROPS       *       Periodical hand picking of dead shoots and fruits and its destruction,         Khasi Mandarin       Maturing Harvesting       * In present weather conditions regularly collect and dispose off fallen fruits,         Peach/kiwi/apple       Vegetative (harvesting over)       * Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.         * Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.       * Apply Bordeaux paste         LIVESTOCKS       Stage       Disease       Precautionary Practices to be followed         Poultry       All stages       * Provide adequate bedding materials & warmt@ 2watts/chick & close all ventilations.       * Vaccination of birds as per the recommended age, * Avoid dampness, litter should be periodically changed.         Pig/Cattle/ Yak       Pigs/ Piglets       Cold       * Maintain warmth in the shed,	Pea	germination/	Cut worm	*	Go for light irrigation in vegetative or germination stage When damage level is high application of Lannate 40 SP @ 5
Cabbage/ Brocolli/ Brocolli/ Knolkhol       Maturing/ Cabbage caterpillar       moth (DBM)/ Cabbage caterpillar       Regular monitoring against DBM and Cabbage caterpillar.         Brinjal       Fruiting/ Maturity       Brinjal Shoot and Fruit Borer       Wanual removal of egg mass/caterpillars is advised, destruction,         HORTICULTURAL CROPS       Brinjal Shoot and Fruit Borer       Periodical hand picking of dead shoots and fruits and its destruction,         Khasi Mandarin Harvesting       Maturing Harvesting       In present weather conditions regularly collect and dispose off fallen fruits,         Peach/kiwi/apple       Vegetative (harvesting over)       Citrus mite       In present weather conditions regularly collect and dispose off fallen fruits,         Peach/kiwi/apple       Vegetative (harvesting over)       Citrus mite       In present weather conditions regularly collect and dispose off fallen fruits,         Years       Vegetative (harvesting over)       Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.         Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.       Apply Bordeaux paste         Livestock       Stage       Disease       Precautionary Practices to be followed         Poultry       All stages        Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.         Pig/Cattle/ Yak       Pigs/ Piglets       Cold	VEGETABLES				
Maturityand Fruit Borerdestruction,HORTICULTURAL CROPSKhasi MandarinMaturing HarvestingAuturityHarvestingCitrus miteSpray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.Peach/kiwi/appleVegetative (harvesting over)Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.Peach/kiwi/appleVegetative (harvesting over)Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts. Apply Bordeaux pasteLivestockStageDiseasePrecautionary Practices to be followedPoultryAll stagesProvide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily.PigAll stagesProvide clean and fresh water daily.Pig/Cattle/ YakPigs/ PigletsColdYakPigs/ PigletsCold	Cabbage/ Brocolli/	Ū.	moth (DBM)/ Cabbage	*	Regular monitoring against DBM and Cabbage caterpillar.
Khasi Mandarin       Maturing Harvesting       Citrus mite       In present weather conditions regularly collect and dispose off fallen fruits,         Peach/kiwi/apple       Vegetative (harvesting over)       Citrus mite       Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.         Peach/kiwi/apple       Vegetative (harvesting over)       Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.         Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.       Apply Bordeaux paste         LIVESTOCKS       Stage       Disease       Precautionary Practices to be followed         Poultry       All stages       Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.       Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed.         Pig       All stages       Provide clean and fresh water daily.         Pig/Cattle/ Yak       Pigs/ Piglets       Cold       Maintain warmth in the shed,	Brinjal	Ű	5	*	
Harvesting       Off fallen fruits,         Peach/kiwi/apple       Citrus mite       Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.         Peach/kiwi/apple       Vegetative (harvesting over)       Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.         / pears       Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.         / pears       Apply Bordeaux paste         LIVESTOCKS       Stage       Disease         Poultry       All stages       Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.         Pig       All stages       Accination of birds as per the recommended age,         Provide clean and fresh water daily.       Provide clean and fresh water daily.         Pig/Cattle/       Pigs/ Piglets       Cold         Yak       Cold       Maintain warmth in the shed,	HORTICULTUR	AL CROPS			
Peach/kiwi/apple / pearsVegetative (harvesting over)Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth./ pears(harvesting over)Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts. 	Khasi Mandarin	Ű,	Citrus mite		off fallen fruits, Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water
LIVESTOCKSLivestockStageDiseasePrecautionary Practices to be followedPoultryAll stages	· ·	ē		*	Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth. Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
Poultry       All stages       Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.         Vaccination of birds as per the recommended age,       Vaccination of birds as per the recommended age,         Vaccination of birds as per the recommended age,       Provide clean and fresh water daily.         Pig       All stages       Deworming at regular interval         Pig/Cattle/       Pigs/ Piglets       Cold         Yak       Cold       Maintain warmth in the shed,	LIVESTOCKS				
Poultry       All stages       Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.         Vaccination of birds as per the recommended age,       Vaccination of birds as per the recommended age,         Vaccination of birds as per the recommended age,       Avoid dampness, litter should be periodically changed.         Pig       All stages       Provide clean and fresh water daily.         Pig/Cattle/       Pigs/ Piglets       Cold         Yak       Cold       Maintain warmth in the shed,	Livestock	Stage	Disease		Precautionary Practices to be followed
PigAll stages Deworming at regular intervalPig/Cattle/ YakPigs/ PigletsCold Maintain warmth in the shed,		ę		*	Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247	Pig/Cattle/ Yak	Pigs/ Piglets		* *	Deworming at regular interval Maintain warmth in the shed,



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

**Arunachal Pradesh** 

## (Period: 12<sup>th</sup> to 16<sup>th</sup> December, 2018)

### No: AMFU-Basar/2018/98



Dated: Tue, 11<sup>th</sup> December, 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 16 <sup>th</sup> December 2018
Rainfall: 0.0 mm, Max. T: 22.1°C, Min. T: 5.0°C, Wind Speed: 3-6 km/h, RH: 49-98%, Wind Direction: SW & NNE	
Warning	

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

DETAILS OF ADVISORIES FOR THE PERIOD			
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Mustard	Vegetative/ flowering	White rust/ Downy mildew	<ul> <li>Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.</li> </ul>
Pea	Sowing	Cut worm	<ul> <li>Sowing of quality seed should not be prolonged further,</li> <li>When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li> </ul>
Kharif Rice	Harvesting		<ul> <li>Dry &amp; properly winnow the grains for safe storage.</li> </ul>
VEGETABLE	S		
Cabbage/ cauliflower	Vegetative	Leaf eating insects	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		<ul> <li>Light irrigation is essential,</li> <li>Light interculture operations should be done,</li> </ul>
Potato	Vegetative	Early Blight/ Aphid	<ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.</li> <li>Earthing up is advised,</li> <li>Apply fertilizer</li> </ul>
HORTICULTUR	AL CROPS	L	
Banana	All stages		<ul> <li>Cleaning around the crop,</li> <li>Mulching with straw/crop residue at root zone to avoid frost injury.</li> </ul>
Citrus crop	Harvesting	Fruit Fly	<ul> <li>Racking of soil to disturb pupating flies,</li> <li>Collection of fallen fruit in polythene bags and burying in deep soil is advise,</li> <li>Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,</li> <li>After harvesting grade the fruits.</li> </ul>
Orchards (guava, apple, pears etc)			<ul> <li>If harvesting grade the number</li> <li>If harvesting is over, maintain proper framework of the plant &amp; remove the unnecessary branches &amp; diseased plant parts.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>Care pregnant animals,</li> <li>Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.</li> </ul>
Poultry	All stages	Coccidiosis	<ul> <li>Provide anti-coccidial drugs for poultry</li> </ul>
Contact Sci	entists (ICAR) or Sta	ate Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247