

**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh (Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/91





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

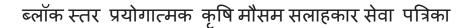
## **ADVISORY FOR DISTRICT: ANJAW**

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

Weather summery of the previous week	Weather forecast valid up to 18 <sup>th</sup> November 2018
No weather summary available	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 22-23°C
	and 11-12°C respectively. Expected morning and evening relative humidity
	will be 62-76% and 35-41% respectively. Wind direction is mainly SSE with
	average wind speed range of 5-8 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				
Crop	Stage	<b>Pest/Disease</b>		Precautionary Practices to be followed
<b>FIELD CROPS</b>				
Kharif Rice (Normal transplanted)	Physiological maturity		*	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),
Soybean	Harvesting		*	Immediately harvest soybean & thoroughly dry in sun.
Black Gram & Green Gram	Vegetative		*	Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea
VEGETABLE	S			
Carrot	Sowing		*	For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative	Wilting <u>Cut worm</u>	* *	field,
HORTIC	<b>ULTURAL CROP</b>	S		
Pineapple	Fruiting/ Harvesting		*	Clean the vicinity of plants by weeding and loosen up the soil. Remove sly and use it as a new planting material. Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.
Banana	Bunching	Cold	*	Cover newly emerged bunches with locally available sack to protect from cold/frost
LIVEST	OCKS			
Livestock	Stage	Disease		<ul> <li>Precautionary Practices to be followed</li> </ul>
Poultry	All stages		*	Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily. Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	* * *	Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals, 1 <sup>st</sup> injection at 6 months of age and 2 <sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5% Provide adequate potable water In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247



14<sup>th</sup> to 18<sup>th</sup>

(Period:

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

<u> No: AMFU-Basar/2018/40</u>



November, 2018) Dated: Tue, 13<sup>th</sup> November, 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 18 <sup>th</sup> November 2018
Rainfall: 0.0 mm, Max. T: 25.0°C, Min. T: 8.1°C, Wind Speed: 3-6 km/h, RH: 55-96%, Wind Direction: Variable	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 24-28°C and 14-16°C respectively. Expected morning and evening relative humidity will be 72-88% and 36-45% respectively. Wind direction is mainly NNW with average wind speed range of 3-4 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

Check (	of vaccination sch	edule in poultry/liv	
			DVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice	Physiological		✤ Drain excess water in the field 7-10 days before harvesting to
(Normal	maturity		hasten maturity & improve harvesting condition. This would
transplanted)			also enable early & easy preparation of field for next crop(Rabi),
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>
Black Gram &	Vegetative		✤ Need based foliar spray of Sulfex@2g/lit water to control
Green Gram			powdery mildew in black/green gram/pea
VEGETABLE	ES		
Carrot	Sowing		✤ For better germination soak seed in water overnight, shade dry
			and sow right away.
Cabbage/	Transplanting/	Wilting	<ul> <li>Transplanting of healthy seedlings may be done in well prepared</li> </ul>
Cauliflower/	Vegetative		field,
Knolkhol/		Cut worm	<ul> <li>Monitor newly transplanted seedlings against attack of Cut</li> </ul>
Others			worm. Apply fresh and dry saw dust (wood) at the pit of the
HODEL			seedlings to repel cut worm
	CULTURAL CROP	'S	
Pineapple	Fruiting/		<ul><li>Clean the vicinity of plants by weeding and loosen up the soil.</li></ul>
	Harvesting		<ul> <li>Remove sly and use it as a new planting material.</li> </ul>
			Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos
			20EC@ 2ml/lt of water to protect against soil borne disease and insect.
Banana	Bunching	Cold	<ul> <li>Cover newly emerged bunches with locally available sack to</li> </ul>
Danana	Duitening	Colu	protect from cold/frost
LIVEST	OCKS		
Livestock	Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>
Poultry	All stages	Discuse	<ul> <li>Vaccination of birds as per the recommended age,</li> </ul>
Founty	All stages		<ul> <li>Vaccination of birds as per the recommended age,</li> <li>Avoid dampness, litter should be periodically changed.</li> </ul>
			<ul> <li>Avoid dampness, filler should be periodically changed.</li> <li>Provide clean and fresh water daily.</li> </ul>
			<ul> <li>Artificial heating through lighting of electric bulb during night</li> </ul>
			time to protect the poultry birds (day old to 25 days old) from
			low temperature.
Pigs	All stages	FMD (high fever	<ul> <li>Animals to be housed in dry place or kept in alleviated area and</li> </ul>
		and appearance	dry bedding (straw) to be provided to young animals,

dry bedding (straw) to be provided to young animals,
1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD

- Reduce concentrate diet up to 5%
- Provide adequate potable water
- ✤ In present weather conditions vaccinate against swine fever
- (Vaccines available in State Veterinary Depts),

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

of mucous

membrane of the mouth and foot.)

Swine Fever



**District Level Agro-met Advisory Bulletin** 

**Arunachal Pradesh** 

(Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018) No: AMFU-Basar/2018/91



Dated: Tue, 13<sup>th</sup> November, 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 18 <sup>th</sup> November 2018
Rainfall = Changlang: NA Miao: 0.0 mm	Partly cloudy with possibility of light rain. Daily maximum and minimum
	temperature for the following period is predicted to be 26-28°C and 14-17°C
	respectively. Expected morning and evening relative humidity will be 67-
	75% and 31-39% respectively. Wind direction is mainly SSE with average
	wind speed range of 3-4 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			
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>
Mustard Pea	Sowing/ Vegetative Field preparation	Leaf eating catterpillar	<ul> <li>Complete all the sowing,</li> <li>Monitor the crop against attack of leaf eating caterpillars,</li> <li>Thinning may be done to maintain proper plant count,</li> </ul>
	Sowing		
Black Gram & Green Gram	Vegetative		<ul> <li>Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea</li> </ul>
WRC rice – Main crop ( <i>Mipun</i> )	Maturing	Gundhi bug	<ul> <li>Harvesting of the standing crop is advised in a priority basis,</li> <li>Threshing and proper drying is important</li> <li>Herein, farmers are advised not to kill snakes as far as possible,</li> </ul>
		Rat	as they are the main biological agent which check rodent population,
VEGETABLE	S		
Potato HORTICULTUR Khasi Mandarin	Sowing AL CROPS Fruit development	Red Ants/ Cutworm	<ul> <li>Right time for sowing of potato,</li> <li>Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Normal weight of potato-25-30 grams</li> <li>Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant</li> </ul>
		Ants Lichen/ Mosses Fruit fly	<ul> <li>treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>
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> </ul>
Cattle	All stages		<ul> <li>Provide paddy straws for cushioning to the newly born claves,</li> <li>Lighting to maintain warmth in the shade,</li> <li>As green feeds supply will decrease, provide quality feeds,</li> </ul>
Contact Sci	entists (ICAR) or Stat	e A <mark>gril Staff or KVK</mark>	x 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 (Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

<u> No: AMFU-Basar/2018/40</u>



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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 18 <sup>th</sup> November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 24-28°C and 14-16°C
	respectively. Expected morning and evening relative humidity will be 73-
	90% and 35-45% respectively. Wind direction is mainly NNW with average
	wind speed range of 3-4 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			
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>
Mustard Pea	Sowing/ Vegetative Field preparation	Leaf eating catterpillar	<ul> <li>Complete all the sowing,</li> <li>Monitor the crop against attack of leaf eating caterpillars,</li> <li>Thinning may be done to maintain proper plant count,</li> </ul>
	Sowing		
Black Gram & Green Gram	Vegetative		<ul> <li>Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea</li> </ul>
WRC rice – Main crop ( <i>Mipun</i> )	Maturing	Gundhi bug Rat	<ul> <li>Harvesting of the standing crop is advised in a priority basis,</li> <li>Threshing and proper drying is important</li> <li>Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li> </ul>
VEGETABLE	S		
Potato	Sowing	Red Ants/ Cutworm	<ul> <li>Right time for sowing of potato,</li> <li>Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre</li> </ul>
			of water, ✤ Normal weight of potato-25-30 grams ♣ Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTUR	AL CROPS		
Khasi Mandarin	Fruit development	Trunk borer, Ants Lichen/ Mosses Fruit fly	<ul> <li>In present weather conditions farmers are advised to clean the basin along with dropped fruits.</li> <li>In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</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> </ul>
Cattle	All stages		<ul> <li>Provide paddy straws for cushioning to the newly born claves,</li> <li>Lighting to maintain warmth in the shade,</li> <li>As green feeds supply will decrease, provide quality feeds,</li> <li>staff for measures against adverse conditions or call at 03795-226237/226247</li> </ul>



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Gramin Krishi Mausam Sewa

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

## **ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY**

{Anini: Latitude: 28.2179994/Longitude: 94.7277528/Altitude: 1968 masl}

Weather summery of the previous week	Weather forecast valid up to 18 <sup>th</sup> November 2018
Rainfall = 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 22-23°C
	and 11-12°C respectively. Expected morning and evening relative humidity
	will be 84-92% and 56-73% respectively. Wind direction is mainly variable
	with average wind speed range of 6-10 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	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted) Soybean	Physiological maturity Harvesting		<ul> <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>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>
	-		
Black Gram & Green Gram	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea
VEGETABLE	S		
Carrot	Sowing		• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative	Wilting <u>Cut worm</u>	<ul> <li>Transplanting of healthy seedlings may be done in well prepared field,</li> <li>Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm</li> </ul>
HORTIC	<b>CULTURAL CROP</b>	S	
Pineapple	Fruiting/ Harvesting		<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove sly and use it as a new planting material.</li> <li>Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.</li> </ul>
Banana	Bunching	Cold	<ul> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>
LIVEST	OCKS		
Livestock	Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>
Poultry	All stages		<ul> <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> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul> <li>Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,</li> <li>1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li> <li>Reduce concentrate diet up to 5%</li> <li>Provide adequate potable water</li> <li>In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),</li> </ul>



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**Arunachal Pradesh** 

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Gramin Krishi Mausam Sewa

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

# **ADVISORY FOR DISTRICT: EAST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 18 <sup>th</sup> November 2018
Rainfall = 0.0 mm	Partly cloudy with possibility of light/moderate rainfall. Daily maximum
	and minimum temperature for the following period is predicted to be 25-
	27°C and 14°C respectively. Expected morning and evening relative
	humidity will be 87-94% and 50-71% respectively. Wind direction is mainly
	S with average wind speed range of 5-6 kmph.
Warning:	•

Warning:			•
GENER	AL RECOMMEN	DATIONS	
<ul> <li>Monitor</li> </ul>	for possible attac	k of insects/pest	S
Applicat	tion of fertilizers/n	nanure can be d	lone during clear/dry days
Proper of	drainage to all cro	p to avoid runo	ff
Check o	f vaccination sche		
		DETAILS OF	ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Soybean	Harvesting		✤ Immediately harvest soybean during clear/dry weather &
			thoroughly dry in sun.
Mustard	Sowing/	Leaf eating	<ul> <li>Complete all the sowing,</li> </ul>
	Vegetative	catterpillar	<ul> <li>Monitor the crop against attack of leaf eating caterpillars,</li> </ul>
Pea	Field preparation Sowing		<ul> <li>Thinning may be done to maintain proper plant count,</li> </ul>
Black Gram &	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control
Green Gram			powdery mildew in black/green gram/pea
WRC rice –	Maturing	Gundhi bug	✤ Harvesting of the standing crop is advised in a priority basis,
Main crop			<ul> <li>Threshing and proper drying is important</li> </ul>
(Mipun)		_	<ul> <li>Herein, farmers are advised not to kill snakes as far as possible,</li> </ul>
		Rat	as they are the main biological agent which check rodent population,
VEGETABLE	С. (С. С. С		
Potato	Sowing	Red Ants/	<ul> <li>Right time for sowing of potato,</li> </ul>
1 01010	Sowing	Cutworm	<ul> <li>Seed treatment-Cut pieces of potato should be dipped in</li> </ul>
			Diethane M-45 @ 2 grams per litre of water for ½ hours
			before sowing,
			Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre
			of water,
			<ul> <li>Normal weight of potato-25-30 grams</li> </ul>
			Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTUR Khasi Mandarin			
Knasi Wandarin	Fruit development		<ul> <li>In present weather conditions farmers are advised to clean the basin along with dropped fruits.</li> </ul>
	ucveropment	Trunk borer,	<ul> <li>In trunk borer attacked trees, cleaning of entry hole and</li> </ul>
		Ants	treatment with Dichlorvos dipped cotton swabs is advised.
		Lichen/	<ul> <li>Use of light trap to attract adults is also advised.</li> </ul>
		Mosses	<ul> <li>Farmers are advised to use Jaggary/Malathion traps or</li> </ul>
		Fruit fly	pheromone traps to monitor the pest population and collect and
			destroy the adult insects. Installation of pheromone traps may
INCEACUC			also be done,
LIVESTOCKS Livestock		Disease	Precautionary Practices to be followed
Livestock	Stage	1166966	Procentionary Practicos to ho tollowod

	Ĩ	r	-	
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	
			have pneumonia-check temperature	
			✤ Care pregnant animals,	
Cattle	All stages		<ul> <li>Provide paddy straws for cushioning to the newly born claves,</li> </ul>	
			<ul> <li>Lighting to maintain warmth in the shade,</li> </ul>	
			✤ As green feeds supply will decrease, provide quality feeds,	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247				





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Gramin Krishi Mausam Sewa

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

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

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

Weather summery of the previous week	Weather forecast valid up to 18 <sup>th</sup> November 2018
Rainfall: 0.0 mm; T. Max: 29.0°C; T. Min:	Partly cloudy with possibility of light/moderate rain. Daily maximum and
17.0°C ; RH: 60-85%	minimum temperature for the following period is predicted to be 25-27°C
	and 14°C respectively. Expected morning and evening relative humidity will
	be 74-85% and 42-58% respectively. Wind direction is mainly W & WNW
	with average wind speed range of 4-6 kmph.
Warning:	•

#### GENERAL RECOMMENDATIONS

• Monitor for possible attack of insects/pests

Application of fertilizers/manure can be done during clear/dry days

- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

	DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS	· · · · ·			
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>	
Mustard Pea	Sowing/ Vegetative Field preparation Sowing	Leaf eating catterpillar	<ul> <li>Complete all the sowing,</li> <li>Monitor the crop against attack of leaf eating caterpillars,</li> <li>Thinning may be done to maintain proper plant count,</li> </ul>	
Black Gram & Green Gram	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea	
WRC rice – Main crop ( <i>Mipun</i> )	Maturing	Gundhi bug Rat	<ul> <li>Harvesting of the standing crop is advised in a priority basis,</li> <li>Threshing and proper drying is important</li> <li>Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li> </ul>	
VEGETABLE	S			
Potato HORTICULTUR Khasi Mandarin	Sowing AL CROPS Fruit development	Red Ants/ Cutworm Trunk borer, Ants Lichen/	<ul> <li>Right time for sowing of potato,</li> <li>Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Normal weight of potato-25-30 grams</li> <li>Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant</li> </ul>	
LWESTOCKS		Mosses Fruit fly	<ul> <li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</li> </ul>	
LIVESTOCKS		Di		
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> </ul>	
Cattle	All stages		<ul> <li>Provide paddy straws for cushioning to the newly born claves,</li> <li>Lighting to maintain warmth in the shade,</li> <li>As green feeds supply will decrease, provide quality feeds,</li> </ul>	
Contact Sci	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** (Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/40



Dated: Tue, 13<sup>th</sup> November, 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 18 <sup>th</sup> November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 25-28°C and 14-17°C
	respectively. Expected morning and evening relative humidity will be 72-
	85% and 35-47% respectively. Wind direction is mainly NNW with average
	wind speed range of 4 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

-	<ul> <li>Check of vaccination schedule in poultry/livestock</li> </ul>					
DETAILS OF ADVISORIES FOR THE PERIOD						
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS						
Kharif Rice (Normal transplanted)	Physiological maturity		*	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),		
Soybean	Harvesting		*	Immediately harvest soybean & thoroughly dry in sun.		
Black Gram & Green Gram	Vegetative		*	Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea		
VEGETABLE	S					
Carrot	Sowing		*	For better germination soak seed in water overnight, shade dry and sow right away.		
Cabbage/ Cauliflower/	Transplanting/ Vegetative	Wilting	*	Transplanting of healthy seedlings may be done in well prepared field,		
Knolkhol/ Others		<u>Cut worm</u>	*	Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the		

				seedlings to repel cut worm
HORTI	CULTURAL CROP	S		
Pineapple	Fruiting/		*	Clean the vicinity of plants by weeding and loosen up the soil.
	Harvesting		*	Remove sly and use it as a new planting material.
			*	Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos
				20EC@ 2ml/lt of water to protect against soil borne disease and
				insect.
Banana	Bunching	Cold	*	Cover newly emerged bunches with locally available sack to
				protect from cold/frost

LIVESTOCKS				
Livestock	Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>	
Poultry	All stages		<ul> <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> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>	
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul> <li>Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,</li> <li>1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li> <li>Reduce concentrate diet up to 5%</li> <li>Provide adequate potable water</li> <li>In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),</li> </ul>	
Contact Scie	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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

**Arunachal Pradesh** 

(Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

#### No: AMFU-Basar/2018/91



Dated: Tue, 13<sup>th</sup> November, 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 18 <sup>th</sup> November 2018
Rainfall (Koloriang): 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 22-23°C
	and 11-12°C respectively. Expected morning and evening relative humidity
	will be 89-95% and 53-66% respectively. Wind direction is mainly W with
	average wind speed range of 5-7 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	DVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity		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),
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>
Black Gram & Green Gram	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea
VEGETABLE	S		
Carrot	Sowing		• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative	Wilting <u>Cut worm</u>	<ul> <li>Transplanting of healthy seedlings may be done in well prepared field,</li> <li>Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm</li> </ul>
HORTIC	ULTURAL CROP	S	
Pineapple	Fruiting/ Harvesting		<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove sly and use it as a new planting material.</li> <li>Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.</li> </ul>
Banana	Bunching	Cold	<ul> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>
LIVEST	OCKS		
Livestock	Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>
Poultry	All stages		<ul> <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> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul> <li>Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,</li> <li>1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li> <li>Reduce concentrate diet up to 5%</li> <li>Provide adequate potable water</li> <li>In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),</li> </ul>

ब्लॉक स्तर प्रयोगात्मक कृषि मौसम सलाहकार सेवा पत्रिका

Block Level Experimental Agro-met Advisory Bulletin (Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/40



November, 2018) Dated: Tue, 13<sup>th</sup> November, 2018



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 18 <sup>th</sup> November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 25-28°C and 15-18°C
	respectively. Expected morning and evening relative humidity will be 66-
	77% and 37-47% respectively. Wind direction is mainly NNW with average
	wind speed range of 3-4 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			
Soybean	Harvesting		Immediately harvest soybean & thoroughly dry in sun.
Mustard Pea	Sowing/ Vegetative Field preparation	Leaf eating catterpillar	<ul> <li>Complete all the sowing,</li> <li>Monitor the crop against attack of leaf eating caterpillars,</li> <li>Thinning may be done to maintain proper plant count.</li> </ul>
	Sowing		
Black Gram & Green Gram	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea
WRC rice – Main crop ( <i>Mipun</i> )	Maturing	Gundhi bug Rat	<ul> <li>Harvesting of the standing crop is advised in a priority basis,</li> <li>Threshing and proper drying is important</li> <li>Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent</li> </ul>
			population,
VEGETABLE			
Potato	Sowing	Red Ants/ Cutworm	<ul> <li>Right time for sowing of potato,</li> <li>Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours</li> </ul>
			<ul> <li>before sowing,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>
			<ul> <li>Normal weight of potato-25-30 grams</li> <li>Spacing: 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant</li> </ul>
HORTICULTUR	AL CROPS		
Khasi Mandarin	Fruit development		<ul> <li>In present weather conditions farmers are advised to clean the basin along with dropped fruits.</li> </ul>
		Trunk borer, Ants Lichen/	<ul> <li>In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> </ul>
		Mosses Fruit fly	<ul> <li>See of light trap to attract addres is also advised.</li> <li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may</li> </ul>
			also be done,
LIVESTOCKS			
Livestock	Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>
Pigs	All stages	Swine fever	<ul> <li>Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> </ul>
Cattle	All stages		<ul> <li>Care pregnant animals,</li> <li>Provide paddy straws for cushioning to the newly born claves,</li> <li>Lighting to maintain warmth in the shade,</li> <li>As green feeds supply will decrease provide quality feeds</li> </ul>
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	✤ As green feeds supply will decrease, provide quality feeds, 5 staff for measures against adverse conditions or call at 03795-226237/226247



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

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Dated: Tue, 13<sup>th</sup> November, 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 18 <sup>th</sup> November 2018
Rainfall: 0.0 mm (Tezu)	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 25-27°C
	and 14°C respectively. Expected morning and evening relative humidity will
	be 58-68% and 31-41% respectively. Wind direction is mainly NE & ENE
	average wind speed range of 5-8 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				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
<b>FIELD CROPS</b>				
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>	
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul> <li>Complete all the sowing,</li> <li>Monitor the crop against attack of leaf eating caterpillars,</li> </ul>	
Pea	Field preparation Sowing		<ul> <li>Thinning may be done to maintain proper plant count,</li> </ul>	
Black Gram & Green Gram	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea	
WRC rice – Main crop ( <i>Mipun</i> )	Maturing	Gundhi bug	<ul> <li>Harvesting of the standing crop is advised in a priority basis,</li> <li>Threshing and proper drying is important</li> <li>Herein, farmers are advised not to kill snakes as far as possible,</li> </ul>	
		Rat	as they are the main biological agent which check rodent population,	
VEGETABLE	S			
Potato	Sowing	Red Ants/ Cutworm	<ul> <li>Right time for sowing of potato,</li> <li>Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,</li> </ul>	
			Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,	
			<ul> <li>Normal weight of potato-25-30 grams</li> <li>Spacing: 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant</li> </ul>	
HORTICULTUR	AL CROPS			
Khasi Mandarin	Fruit development		In present weather conditions farmers are advised to clean the basin along with dropped fruits.	
		Trunk borer, Ants	<ul> <li>In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> </ul>	
		Lichen/	<ul> <li>Use of light trap to attract adults is also advised.</li> </ul>	
		Mosses Fruit fly	<ul> <li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and</li> </ul>	
			destroy the adult insects. Installation of pheromone traps may also be done,	
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	
			<ul><li>have pneumonia-check temperature</li><li>Care pregnant animals,</li></ul>	
Cattle	All stages		<ul> <li>Provide paddy straws for cushioning to the newly born claves,</li> <li>Lighting to maintain warmth in the shade,</li> </ul>	
Contract Set	ontists (ICAP) on Stat	to A guil Stoff on 17371	♦ As green feeds supply will decrease, provide quality feeds, Control of the process	
Contact Sci	enusts (ICAR) or Stat	e Agrii Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247	



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

**Arunachal Pradesh** 

(Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

## No: AMFU-Basar/2018/91



Dated: Tue, 13<sup>th</sup> November, 2018

Gramin Krishi Mausam Sewa

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

# **ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY**

Weather summery of the previous week	Weather forecast valid up to 18 <sup>th</sup> November 2018
Rainfall (Roing): 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 25-27°C
	and 14°C respectively. Expected morning and evening relative humidity will
	be 68-83% and 39-58% respectively. Wind direction is mainly SE & SSE
	with average wind speed range of 4-8 kmph.
Warning:	•

GENER	AL RECOMMEN	DATIONS		
<ul> <li>Monitor</li> </ul>	for possible attac	k of insects/pests		
	tion of fertilizers/n		ne durii	ng clear/dry days
-	Irainage to all cro	•		
Check of	f vaccination sche			
	,		DVISC	DRIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	· ·			
Soybean	Harvesting		*	Immediately harvest soybean & thoroughly dry in sun.
Mustard	Sowing/	Leaf eating	*	Complete all the sowing,
	Vegetative	catterpillar		Monitor the crop against attack of leaf eating caterpillars,
Pea	Field preparation Sowing		*	Thinning may be done to maintain proper plant count,
Black Gram &	Vegetative		*	Need based foliar spray of Sulfex@2g/lit water to control
Green Gram				powdery mildew in black/green gram/pea
WRC rice –	Maturing	Gundhi bug	*	Harvesting of the standing crop is advised in a priority basis
Main crop			*	Threshing and proper drying is important
(Mipun)			*	Herein, farmers are advised not to kill snakes as far as possible,
		Rat		as they are the main biological agent which check rodent
				population,
VEGETABLE		D 1 4 4 /	•	
Potato	Sowing	Red Ants/ Cutworm		Right time for sowing of potato,
		Cutworm	***	Seed treatment-Cut pieces of potato should be dipped in Diathana M 45 @ 2 groups par litre of water for 16 hours
				Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,
			*	Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre
			•	of water,
			*	Normal weight of potato-25-30 grams
			*	Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTUR	AL CROPS			
Khasi Mandarin	Fruit		*	In present weather conditions farmers are advised to clean the
	development			basin along with dropped fruits.
		Trunk borer,	*	In trunk borer attacked trees, cleaning of entry hole and
		Ants	•	treatment with Dichlorvos dipped cotton swabs is advised.
		Lichen/		Use of light trap to attract adults is also advised.
		Mosses	***	Farmers are advised to use <i>Jaggary</i> /Malathion traps or
		Fruit fly		pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may
				also be done,
LIVESTOCKS	<u> </u>			
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 ma
0~			-	have pneumonia-check temperature
			*	Care pregnant animals,
Cattle	All stages		*	Provide paddy straws for cushioning to the newly born claves,
			*	Lighting to maintain warmth in the shade,
			*	As green feeds supply will decrease, provide quality feeds,



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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 18 <sup>th</sup> November 2018
NA	Partly cloudy with possibility of light/moderate rainfall. Daily maximum
	and minimum temperature for the following period is predicted to be 25-
	27°C and 14°C respectively. Expected morning and evening relative
	humidity will be 87-93% and 69-80% respectively. Wind direction is mainly
	NW & WNW with average wind speed range of 5-7 kmph.
Warning:	•

GENERAL	RECOMM	ENDATIONS	5

- 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 Pest/Disease Precautionary Practices to be followed** Crop Stage **FIELD CROPS** Kharif Rice Physiological Drain excess water in the field 7-10 days before harvesting to ∻ (Normal maturity hasten maturity & improve harvesting condition. This would transplanted) also enable early & easy preparation of field for next crop(Rabi), Soybean Harvesting ✤ Immediately harvest soybean & thoroughly dry in sun. Need based foliar spray of Sulfex@2g/lit water to control Black Gram & Vegetative \*\* Green Gram powdery mildew in black/green gram/pea VEGETABLES Carrot Sowing For better germination soak seed in water overnight, shade dry and sow right away. Cabbage/ Transplanting/ Wilting \*\* Transplanting of healthy seedlings may be done in well prepared Cauliflower/ Vegetative field. Knolkhol/ Monitor newly transplanted seedlings against attack of Cut Cut worm Others worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm **HORTICULTURAL CROPS** Fruiting/ \* Clean the vicinity of plants by weeding and loosen up the soil. Pineapple Harvesting \* Remove sly and use it as a new planting material.  $\dot{\cdot}$ Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect. Banana Bunching Cold Cover newly emerged bunches with locally available sack to protect from cold/frost **LIVESTOCKS Precautionary Practices to be followed** Livestock Stage Disease Poultry All stages \* Vaccination of birds as per the recommended age, \*\* Avoid dampness, litter should be periodically changed. \* Provide clean and fresh water daily. Artificial heating through lighting of electric bulb during night \* time to protect the poultry birds (day old to 25 days old) from low temperature. Pigs All stages FMD (high fever Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,  $1^{st}$  injection at 6 months of age and  $2^{nd}$  injection at 12 months of and appearance of mucous membrane of the age followed by annual vaccination under vet supervision mouth and foot.) against FMD Swine Fever Reduce concentrate diet up to 5%

- Reduce concentrate the up to 5;
   Provide adaptor patchla system
- Provide adequate potable water

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



Dated: Tue, 13<sup>th</sup> November, 2018

In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),



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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 18 <sup>th</sup> November 2018
Rainfall: 0.0 mm; T. Max: 32.0°C; T. Min:	Partly cloudy with possibility of light/moderate rainfall. Daily maximum
15.0°C ; RH: 51-82%	and minimum temperature for the following period is predicted to be 25-
	27°C and 14°C respectively. Expected morning and evening relative
	humidity will be 84-87% and 59-70% respectively. Wind direction is mainly
	variable with average wind speed range of 4-6 kmph.
Warning:	•

#### GENERAL RECOMMENDATIONS

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

**DETAILS OF ADVISORIES FOR THE PERIOD Precautionary Practices to be followed** Crop Stage **Pest/Disease FIELD CROPS** Immediately harvest soybean & thoroughly dry in sun. Soybean Harvesting \* Mustard Leaf eating Complete all the sowing, Sowing/ catterpillar Vegetative Monitor the crop against attack of leaf eating caterpillars, Pea Field preparation Thinning may be done to maintain proper plant count, Sowing Black Gram & Vegetative Need based foliar spray of Sulfex@2g/lit water to control \* Green Gram powdery mildew in black/green gram/pea **\*** Harvesting of the standing crop is advised in a priority basis, WRC rice -Gundhi bug Maturing Main crop Threshing and proper drying is important (Mipun) \* Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent Rat population, VEGETABLES Potato Sowing Red Ants/ **\*** Right time for sowing of potato, Cutworm Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for 1/2 hours before sowing, **\*** Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, ✤ Normal weight of potato-25-30 grams Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant **HORTICULTURAL CROPS** Khasi Mandarin Fruit ✤ In present weather conditions farmers are advised to clean the development basin along with dropped fruits. ✤ In trunk borer attacked trees, cleaning of entry hole and Trunk borer, treatment with Dichlorvos dipped cotton swabs is advised. Ants Lichen/ ✤ Use of light trap to attract adults is also advised. Farmers are advised to use *Jaggary*/Malathion traps or Mosses pheromone traps to monitor the pest population and collect and Fruit fly destroy the adult insects. Installation of pheromone traps may also be done, **LIVESTOCKS** Livestock Stage Disease **Precautionary Practices to be followed** All stages ♦ Make sure they have adequate dry bedding, lethargic pigs may Pigs Swine fever have pneumonia-check temperature ✤ Care pregnant animals, Provide paddy straws for cushioning to the newly born claves, Cattle All stages \*\*  $\boldsymbol{\dot{v}}$ Lighting to maintain warmth in the shade, \* As green feeds supply will decrease, provide quality feeds, Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/91





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 18 <sup>th</sup> November 2018
Rainfall: 0.0 mm	Partly cloudy with possibility of light rainfall. Daily maximum and
	minimum temperature for the following period is predicted to be 11°C and
	0°C respectively. Expected morning and evening relative humidity will be
	74-89% and 27-35% respectively. Wind direction is mainly SSE & SE with
	average wind speed range of 6-7 kmph.
Warning:	•

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

DETAILS OF ADVISORIES FOR THE PERIOD					
Stage	<b>Pest/Disease</b>	<b>Precautionary Practices to be followed</b>			
<b>,</b>					
Physiological maturity		Drain excess water in the field 7-10 days before harvesting hasten maturity & improve harvesting condition. This wou also enable early & easy preparation of field for next crop(Rabi			
Harvesting		Immediately harvest soybean & thoroughly dry in sun.			
Vegetative		Need based foliar spray of Sulfex@2g/lit water to contr powdery mildew in black/green gram/pea			
S					
Sowing		• For better germination soak seed in water overnight, shade data and sow right away.			
Transplanting/ Vegetative	Wilting <u>Cut worm</u>	<ul> <li>Transplanting of healthy seedlings may be done in well prepare field,</li> <li>Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm</li> </ul>			
CULTURAL CROP	S				
Fruiting/ Harvesting		<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove sly and use it as a new planting material.</li> <li>Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.</li> </ul>			
Bunching	Cold	<ul> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>			
ОСКЅ					
Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>			
All stages		<ul> <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> <li>Artificial heating through lighting of electric bulb during nig time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>			
All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul> <li>Animals to be housed in dry place or kept in alleviated area ar dry bedding (straw) to be provided to young animals,</li> <li>1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months age followed by annual vaccination under vet supervision against FMD</li> <li>Reduce concentrate diet up to 5%</li> <li>Provide adequate potable water</li> <li>In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),</li> </ul>			
	Physiological maturity Harvesting Vegetative S Sowing Transplanting/ Vegetative CULTURAL CROP Fruiting/ Harvesting Bunching OCKS Stage All stages	StagePest/DiseasePhysiological maturity			



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/91

Dated: Tue, 13<sup>th</sup> November, 2018



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

# **ADVISORY FOR DISTRICT: TIRAP**

Weather summery of the previous week	Weather forecast valid up to 18 <sup>th</sup> November 2018
Rainfall: 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 26-28°C
	and 14-17°C respectively. Expected morning and evening relative humidity
	will be 85-91% and 49-58% respectively. Wind direction is mainly SE &
	ESE with average wind speed range of 3 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				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>	
Mustard	Sowing/	Leaf eating	<ul> <li>Complete all the sowing,</li> </ul>	
	Vegetative	catterpillar	<ul> <li>Monitor the crop against attack of leaf eating caterpillars,</li> </ul>	
Pea	Field preparation Sowing		<ul> <li>Thinning may be done to maintain proper plant count,</li> </ul>	
Black Gram &	Vegetative		✤ Need based foliar spray of Sulfex@2g/lit water to control	
Green Gram			powdery mildew in black/green gram/pea	
WRC rice –	Maturing	Gundhi bug	Harvesting of the standing crop is advised in a priority basis,	
Main crop			<ul> <li>Threshing and proper drying is important</li> </ul>	
(Mipun)			<ul> <li>Herein, farmers are advised not to kill snakes as far as possible,</li> </ul>	
		Rat	as they are the main biological agent which check rodent	
			population,	
VEGETABLE		<b>D</b> 1 4 4 4		
Potato	Sowing	Red Ants/	<ul> <li>Right time for sowing of potato,</li> <li>See A transformation of a state should be dimensional in</li> </ul>	
		Cutworm	Seed treatment-Cut pieces of potato should be dipped in Distheme M 45 @ 2 groups per litre of water for 16 hours	
			Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,	
			<ul> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre</li> </ul>	
			of water,	
			Normal weight of potato-25-30 grams	
			Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant	
HORTICULTUR	AL CROPS			
Khasi Mandarin	Fruit		<ul> <li>In present weather conditions farmers are advised to clean the</li> </ul>	
	development		basin along with dropped fruits.	
		Trunk borer,	In trunk borer attacked trees, cleaning of entry hole and	
		Ants	treatment with Dichlorvos dipped cotton swabs is advised.	
		Lichen/	<ul> <li>Use of light trap to attract adults is also advised.</li> </ul>	
		Mosses	<ul> <li>Farmers are advised to use Jaggary/Malathion traps or</li> </ul>	
		Fruit fly	pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may	
			also be done,	
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	
-0-	6		have pneumonia-check temperature	
			✤ Care pregnant animals,	
Cattle	All stages		<ul> <li>Provide paddy straws for cushioning to the newly born claves,</li> </ul>	
			<ul> <li>Lighting to maintain warmth in the shade,</li> </ul>	
			✤ As green feeds supply will decrease, provide quality feeds,	
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	Staff for measures against adverse conditions or call at 03795-226237/226247	



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Arunachal Pradesh

Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/91



Dated: Tue, 13<sup>th</sup> November, 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 18 <sup>th</sup> November 2018
Rainfall: 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 22-23°C
	and 11-12°C respectively. Expected morning and evening relative humidity
	will be 88-93% and 59-74% respectively. Wind direction is mainly S &
	SSW with average wind speed range of 4-8 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	Pest/Disease	Precautionary Practices to be followed	
<b>FIELD CROPS</b>				
Kharif Rice (Normal transplanted)	Physiological maturity		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),	
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>	
Black Gram & Green Gram	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea	
VEGETABLE	S			
Carrot	Sowing		• For better germination soak seed in water overnight, shade dry and sow right away.	
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative	Wilting <u>Cut worm</u>	<ul> <li>Transplanting of healthy seedlings may be done in well prepared field,</li> <li>Monitor newly transplanted seedlings against attack of Cut worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm</li> </ul>	
HORTIC	<b>CULTURAL CROP</b>	S		
Pineapple	Fruiting/ Harvesting		<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove sly and use it as a new planting material.</li> <li>Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.</li> </ul>	
Banana	Bunching	Cold	<ul> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>	
LIVEST	OCKS			
Livestock	Stage	Disease	<ul> <li>Precautionary Practices to be followed</li> </ul>	
Poultry	All stages		<ul> <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> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>	
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul> <li>Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,</li> <li>1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li> <li>Reduce concentrate diet up to 5%</li> <li>Provide adequate potable water</li> <li>In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),</li> </ul>	



**District Level Agro-met Advisory Bulletin** 

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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 18 <sup>th</sup> November 2018
Daporijo: 0.0 mm	Partly cloudy with possibility of light/moderate rainfall. Daily maximum
	and minimum temperature for the following period is predicted to be 25-
	27°C and 14°C respectively. Expected morning and evening relative
	humidity will be 92-96% and 59-71% respectively. Wind direction is mainly
	variable with average wind speed range of 3-7 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			
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>
Mustard Pea	Sowing/ Vegetative Field preparation	Leaf eating catterpillar	<ul> <li>Complete all the sowing,</li> <li>Monitor the crop against attack of leaf eating caterpillars,</li> <li>Thinning may be done to maintain proper plant count,</li> </ul>
	Sowing		
Black Gram & Green Gram	Vegetative		<ul> <li>Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea</li> </ul>
WRC rice – Main crop ( <i>Mipun</i> )	Maturing	Gundhi bug	<ul> <li>Harvesting of the standing crop is advised in a priority basis,</li> <li>Threshing and proper drying is important</li> <li>Herein, farmers are advised not to kill snakes as far as possible,</li> </ul>
		Rat	as they are the main biological agent which check rodent population,
VEGETABLE	S		
Potato HORTICULTUR Khasi Mandarin	Sowing AL CROPS Fruit development	Red Ants/ Cutworm Trunk borer, Ants Lichen/ Mosses	<ul> <li>Right time for sowing of potato,</li> <li>Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Normal weight of potato-25-30 grams</li> <li>Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant</li> </ul> In present weather conditions farmers are advised to clean the basin along with dropped fruits. <ul> <li>In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Farmers are advised to use Jaggary/Malathion traps or</li> </ul>
LUTCTOCIC		Fruit fly	pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,
LIVESTOCKS		Di	
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> </ul>
Cattle	All stages		<ul> <li>Provide paddy straws for cushioning to the newly born claves,</li> <li>Lighting to maintain warmth in the shade,</li> <li>As green feeds supply will decrease, provide quality feeds,</li> </ul>
Contact Sci	<mark>entists (ICAR) or Stat</mark>	e Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



Dated: Tue, 13<sup>th</sup> November, 2018



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# **ADVISORY FOR DISTRICT: WEST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 18 <sup>th</sup> November 2018
Rainfall = Bomdila: 0.0 mm ; Bhalukpong: 0.0	Partly cloudy with possibility of light/moderate rainfall. Daily maximum
mm; Kalaktang: 0.0 mm	and minimum temperature for the following period is predicted to be 22-
	23°C and 11-12°C respectively. Expected morning and evening relative
	humidity will be 88-94% and 49-68% respectively. Wind direction is mainly
	NW & NNW wind speed range of 5-7 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

Stage Physiological maturity Harvesting Vegetative Sowing Transplanting/ Vegetative	Pest/Disease		Precautionary Practices to be followed  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), Immediately harvest soybean & thoroughly dry in sun. Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea  For better germination soak seed in water overnight, shade dry and sow right away. Transplanting of healthy seedlings may be done in well prepared field, Monitor newly transplanted seedlings against attack of Cut
maturity Harvesting Vegetative Sowing Transplanting/ Vegetative	C	* * •	hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi), Immediately harvest soybean & thoroughly dry in sun. Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea For better germination soak seed in water overnight, shade dry and sow right away. Transplanting of healthy seedlings may be done in well prepared field,
maturity Harvesting Vegetative Sowing Transplanting/ Vegetative	C	* * •	hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi), Immediately harvest soybean & thoroughly dry in sun. Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea For better germination soak seed in water overnight, shade dry and sow right away. Transplanting of healthy seedlings may be done in well prepared field,
Vegetative Sowing Transplanting/ Vegetative	C	•	Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea For better germination soak seed in water overnight, shade dry and sow right away. Transplanting of healthy seedlings may be done in well prepared field,
Sowing Transplanting/ Vegetative	C	•	powdery mildew in black/green gram/pea For better germination soak seed in water overnight, shade dry and sow right away. Transplanting of healthy seedlings may be done in well prepared field,
Sowing Transplanting/ Vegetative	C	*	and sow right away. Transplanting of healthy seedlings may be done in well prepared field,
Transplanting/ Vegetative	C	*	and sow right away. Transplanting of healthy seedlings may be done in well prepared field,
Vegetative	C		field,
			worm. Apply fresh and dry saw dust (wood) at the pit of the seedlings to repel cut worm
	S		
Fruiting/ Harvesting		* * *	Clean the vicinity of plants by weeding and loosen up the soil. Remove sly and use it as a new planting material. Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.
Bunching	Cold	*	Cover newly emerged bunches with locally available sack to protect from cold/frost
СКЅ			
Stage	Disease		<ul> <li>Precautionary Practices to be followed</li> </ul>
All stages		*	Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily. Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	* * *	Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals, 1 <sup>st</sup> injection at 6 months of age and 2 <sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD Reduce concentrate diet up to 5% Provide adequate potable water In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
C	Bunching KS Stage All stages All stages	Bunching       Cold         KS       Disease         All stages       Disease         All stages       FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	Sunching Cold   Stage Disease   All stages Image: Stage of the stage of th



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## (Period: 14<sup>th</sup> to 18<sup>th</sup> November, 2018)

### No: AMFU-Basar/2018/91



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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 18 <sup>th</sup> November 2018
Rainfall: 0.0 mm, Max. T: 25.0°C, Min. T: 8.1°C, Wind Speed: 3-6 km/h, RH: 55-96%, Wind Direction: Variable	
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 REPLOD

DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Soybean	Harvesting		<ul> <li>Immediately harvest soybean &amp; thoroughly dry in sun.</li> </ul>
Mustard	Sowing/	Leaf eating	<ul> <li>Complete all the sowing,</li> </ul>
	Vegetative	catterpillar	<ul> <li>Monitor the crop against attack of leaf eating caterpillars,</li> </ul>
Pea	Field preparation		<ul> <li>Thinning may be done to maintain proper plant count,</li> </ul>
	Sowing		
Black Gram &	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control
Green Gram			powdery mildew in black/green gram/pea
WRC rice –	Maturing	Gundhi bug	<ul> <li>Harvesting of the standing crop is advised in a priority basis,</li> </ul>
Main crop			<ul> <li>Threshing and proper drying is important</li> </ul>
(Mipun)			<ul> <li>Herein, farmers are advised not to kill snakes as far as possible,</li> </ul>
		Rat	as they are the main biological agent which check rodent population,
VEGETABLE	<u> </u>		population,
Potato	Sowing	Red Ants/	Right time for sowing of potato,
1 01010	Sowing	Cutworm	<ul> <li>Seed treatment-Cut pieces of potato should be dipped in</li> </ul>
		Current	Diethane M-45 @ 2 grams per litre of water for ½ hours
			before sowing,
			Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre
			of water,
			Normal weight of potato-25-30 grams
			Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTUR			
Khasi Mandarin	Fruit		$\clubsuit$ In present weather conditions farmers are advised to clean the
	development		basin along with dropped fruits.
		Trunk borer,	<ul> <li>In trunk borer attacked trees, cleaning of entry hole and</li> </ul>
		Ants	treatment with Dichlorvos dipped cotton swabs is advised.
		Lichen/ Mosses	<ul> <li>Use of light trap to attract adults is also advised.</li> <li>Formers are advised to use the sum (Malathian trans or</li> </ul>
		Fruit fly	<ul> <li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and</li> </ul>
		Full Hy	destroy the adult insects. Installation of pheromone traps may
			also be done,
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
1 160	in stuges	5 1110 10 101	have pneumonia-check temperature
			<ul> <li>Care pregnant animals,</li> </ul>
Cattle	All stages		<ul> <li>Provide paddy straws for cushioning to the newly born claves,</li> </ul>
			<ul> <li>Lighting to maintain warmth in the shade,</li> </ul>
			✤ As green feeds supply will decrease, provide quality feeds,
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247