

**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)



No: AMFU-Basar/2019/28

Dated: Friday, 5th April 2019



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

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

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

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
Rainfall = NA	Partly/mostly cloudy with possibility of light rain after 7 <sup>th</sup> April. Daily
	maximum and minimum temperature for the following period is predicted to
	be 20.0-22.0°C and 11.0-13.0°C respectively. Expected morning and evening
	relative humidity will be 62-84% and 24-45% respectively. Wind direction
	is mainly ENE & E with average wind speed range of 6.0-12.0 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

Stage		
Stage	<b>Pest/Disease</b>	Precautionary Practices to be followed
Land Preparation/ Sowing		<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Sowing during clear/dry days</li> <li>Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.</li> </ul>
Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul> <li>Provide adequate drainage and avoid water stagnation near the base of the plants.</li> <li>Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.</li> </ul>
Transplanting/ vegetative growth Sowing AL CROPS Pruning/Training		<ul> <li>Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.</li> <li>Well decomposed FYM along with vermicompost should be added in pits</li> <li>Spray COC @ 0.25% at 7-10 days interval for management of lateblight.</li> <li>Proper drainage should be ensured.</li> <li>Sowing advocated during clear/dry days</li> <li>Provide adequate drainage to already sown crops</li> <li>Diseased and senile branches should be removed.</li> <li>Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</li> <li>Pruned healthy hard wood of pencil thickness size having 4-</li> </ul>
		<ul> <li>Pruned healthy hard wood of pencil thickness size having 4-</li> <li>5 buds can be used as cutting for propagation</li> </ul>
Stage	Disease	Precautionary Practices to be followed
All stages		<ul> <li>Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>Full hand milking should be practiced.</li> <li>Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul>
	Preparation/ Sowing Seed development/ maturity Transplanting/ vegetative growth Sowing AL CROPS Pruning/Training Stage All stages	Preparation/ SowingPowdery mildew/ leaf eating insectsSeed development/ maturityPowdery mildew/ leaf eating insectsTransplanting/ vegetative growthImage: Comparison of the sector of

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



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

**Arunachal Pradesh** 

(Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

#### <u>No: AMFU-Basar/2019/28</u>

Dated: Friday, 5th April 2019



Gramin Krishi Mausam Sewa

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

### **ADVISORY FOR DISTRICT: EAST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019						
Rainfall = 0.0 mm	Mostly cloudy with possibility of light rain. Daily maximum and						
	minimum temperature for the following period is predicted to be 21.0-						
	22.0°C and 11.0-13.0°C respectively. Expected morning and evening relative						
	humidity will be 73-81% and 33-52% respectively. Wind direction is mainly						
	SE with average wind speed range of 4.0-7.0 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			
FIELD CROP	S					
Jhum Rice	Land Preparation/ sowing		<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Sowing may be done</li> <li>Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at</li> </ul>			
			desirable interval with rice advocated.			
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul> <li>Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing.</li> </ul>			
			<ul> <li>Apply dolomite @ 200 kg/ha in furrow before sowing.</li> <li>Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively.</li> </ul>			
			<ul> <li>Take protection measure to save maize seedlings from birds.</li> </ul>			
			<ul> <li>One hand weeding should be done after 20 days of sowing.</li> </ul>			
			✤ Application of mixture of cow urine + water + neem oil (2 litre			
			+ 8 litre + 50ml) @ 100 ml/plant for management of cut worm.			
			<ul> <li>For management of Army worm spray spinosad @ 0.3 ml/litre.</li> <li>Durand during as about d be around d</li> </ul>			
VECEDADI			<ul> <li>Proper drainage should be ensured.</li> </ul>			
VEGETABL		1	• D 1', 10 ,'C 1			
Okra	Sowing		<ul> <li>Procure quality seed from certified agency.</li> <li>Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.</li> </ul>			
			Sowing may be done			
			Provide adequate drainage			
	FURAL CROPS	1	• D 1 '' ' C / 11' ' '1			
Large cardamom	Flowering		<ul> <li>Regular monitoring for pest and disease incidence.</li> <li>Shade management with the proper lopping of trees.</li> </ul>			
LIVESTOCKS						
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul> <li>16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.</li> <li>Frequent raking and liming of deep litter materials.</li> <li>Inclusion of turmeric powder @10g/kg feed for prevention of coccidiosis.</li> </ul>			
			<ul> <li>Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.</li> <li>Ranikhet vaccination at 5th day and at 30th day of age.</li> </ul>			
Contact S			• Ramkiet vaccination at 5th day and at 50th day of age.			





**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh (Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

#### No: AMFU-Basar/2019/28



Dated: Friday, 5th April 2019



Gramin Krishi Mausam Sewa

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

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

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

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
Rainfall: 72.4 mm; T. Max: 25.0°C; T. Min:	<b>Partly/mostly cloudy with possibility of light rain after 7<sup>th</sup> April.</b> Daily
17.0°C ; RH: 72-100%	maximum and minimum temperature for the following period is predicted to
	be 24.0-25.0°C and 16.0-17.0°C respectively. Expected morning and evening
	relative humidity will be 61-87% and 22-66% respectively. Wind direction
	is mainly W with average wind speed range of 4.0-6.0 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			
FIELD CROPS						
Jhum Rice	Land		<ul> <li>Make structures to avoid runoff in the slope,</li> </ul>			
	Preparation/		Sowing may be done			
	sowing		<ul> <li>Intercropping of leguminous crops (cowpea /frenchbean</li> </ul>			
			/soybean) at 2-3 rows across the slope in jhum field at			
			desirable interval with rice advocated.			
Sugarcane	Planting	Twermites	<ul> <li>Sugarcane sets may be planted during this week as there is</li> </ul>			
			sufficient soil moisture in the field.			
			<ul> <li>Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of</li> </ul>			
			termites before planting the sets.			
Maize Land	preparation	Cut worm/	<ul> <li>Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5</li> </ul>			
	/ sowing	Army	t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days			
		worm	before sowing.			
			✤ Apply dolomite @ 200 kg/ha in furrow before sowing.			
			• Seeds should be sown at 50 cm row to row and 20 cm plant to			
			plant spacing, respectively.			
			<ul> <li>Take protection measure to save maize seedlings from birds.</li> </ul>			
			<ul> <li>One hand weeding should be done after 20 days of sowing.</li> </ul>			
			✤ Application of mixture of cow urine + water + neem oil (2 litre			
			+ 8 litre + 50ml) @ 100 ml/plant for management of cut worm.			
			✤ For management of Army worm spray spinosad @ 0.3 ml/litre.			
			<ul> <li>Proper drainage should be ensured.</li> </ul>			
VEGETABLE	S					
Okra	Sowing		<ul> <li>Procure quality seed from certified agency.</li> </ul>			
			Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram			
			seed before sowing.			
			Sowing may be done			
HODELCH			Provide adequate drainage			
	URAL CROPS		Deschanges differing for most and discours insidences			
Large cardamom	Flowering		<ul> <li>Regular monitoring for pest and disease incidence.</li> <li>She down and with the manual longing of transformed and the second secon</li></ul>			
Cardamoni			<ul> <li>Shade management with the proper lopping of trees.</li> </ul>			
LIVESTOCKS						
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages	Coccidiosis,	<ul> <li>16 hrs of light (natural and electrical) should be provided to</li> </ul>			
roundy	All stages	Ranikhet	adult birds for optimum egg production.			
		disease	<ul> <li>Frequent raking and liming of deep litter materials.</li> </ul>			
			<ul> <li>Frequent raking and mining of deep inter materials.</li> <li>Inclusion of turmeric powder @10g/kg feed for prevention of</li> </ul>			
			coccidiosis.			
			<ul> <li>Maintenance of brooder temperature for chicks with the help of</li> <li>alastrical hulbs for initial one month</li> </ul>			
			electrical bulbs for initial one month.			
	entists (ICAP)	to A guil Staff	<ul> <li>Ranikhet vaccination at 5th day and at 30th day of age.</li> </ul>			
Contact Sci	enusis (ICAR) or Sta	he Agrii Staii or KVF	K staff for measures against adverse conditions or call at 03795-226237/226247			

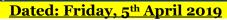


**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

#### No: AMFU-Basar/2019/28





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

## **ADVISORY FOR DISTRICT: KURUNG KUMEY**

{Koloriang: Latitude: 27.9167°/Longitude: 93.3500°/Altitude: 1040 masl}

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
Rainfall (Koloriang): 5.6 mm	Partly cloudy with possibility of light rain on 8 <sup>th</sup> & 10 <sup>th</sup> April. Daily
	maximum and minimum temperature for the following period is predicted to
	be 20.0-22.0°C and 11.0-12.0°C respectively. Expected morning and evening
	relative humidity will be 74-84% and 36-60% respectively. Wind direction
	is mainly W & WSW with average wind speed range of 2.0-8.0 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					
Jhum Rice	Land Preparation/ Sowing		<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Sowing during clear/dry days</li> <li>Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.</li> </ul>		
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul> <li>Provide adequate drainage and avoid water stagnation near the base of the plants.</li> <li>Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.</li> </ul>		
VEGETABLES					
Tomato Summer vegetables HORTICULTUR Kiwi	Transplanting/ vegetative growth Sowing AL CROPS Pruning/Training		<ul> <li>Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.</li> <li>Well decomposed FYM along with vermicompost should be added in pits</li> <li>Spray COC @ 0.25% at 7-10 days interval for management of lateblight.</li> <li>Proper drainage should be ensured.</li> <li>Sowing advocated during clear/dry days</li> <li>Provide adequate drainage to already sown crops</li> </ul>		
LIVESTOCKS			5 buds can be used as cutting for propagation		
Livestock	Stage	Disease	Precautionary Practices to be followed		
Cattle	All stages		<ul> <li>Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>Full hand milking should be practiced.</li> <li>Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul>		

ICAR - RCNEH



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

No: AMFU-Basar/2019/28



Dated: Friday, 5<sup>th</sup> April 2019



Gramin Krishi Mausam Sewa

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

## **ADVISORY FOR DISTRICT: LOHIT**

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
Rainfall: 45.1 mm (Tezu)	Partly/mostly cloudy with possibility of moderate rain. Daily maximum
	and minimum temperature for the following period is predicted to be 24.0-
	26.0°C and 17.0-19.0°C respectively. Expected morning and evening relative
	humidity will be 73-78% and 30-55% respectively. Wind direction is mainly
	ENE & E average wind speed range of 3.0-7.0 kmph.
Warning	•

GE	NEF	RAL R	RECOM	ME	ND	ATI	ONS	
3.6	• 4	e	•1 1					

- 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 CROP	S					
Jhum Rice	Land		*	Make structures to avoid runoff in the slope,		
	Preparation/		*	Sowing may be done		
	sowing		*	Intercropping of leguminous crops (cowpea /frenchbean		
				/soybean) at 2-3 rows across the slope in jhum field at		
				desirable interval with rice advocated.		
Sugarcane	Planting	Twermites	*	Sugarcane sets may be planted during this week as there is		
				sufficient soil moisture in the field.		
			*	Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of		
				termites before planting the sets.		
Maize Land	preparation	Cut worm/	*	Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5		
	/ sowing	Army		t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days		
		worm		before sowing.		
			*	Apply dolomite @ 200 kg/ha in furrow before sowing.		
			*	Seeds should be sown at 50 cm row to row and 20 cm plant to		
				plant spacing, respectively.		
			*	Take protection measure to save maize seedlings from birds.		
			*	One hand weeding should be done after 20 days of sowing.		
			*	Application of mixture of cow urine + water + neem oil (2 litre		
				+ 8 litre + 50ml) @ 100 ml/plant for management of cut worm.		
			*	For management of Army worm spray spinosad @ 0.3 ml/litre.		
			*	Proper drainage should be ensured.		
VEGETABL	ES					
Okra	Sowing		*	Procure quality seed from certified agency.		
			*	Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram		
				seed before sowing.		
				Sowing may be done		
			***	Provide adequate drainage		
	FURAL CROPS			Degular monitoring for past and disease incidence		
Large cardamom	Flowering			Regular monitoring for pest and disease incidence.		
cardamoni			*	Shade management with the proper lopping of trees.		
LIVESTOCKS			1			
Livestock	Stage	Disease		Precautionary Practices to be followed		
Poultry	All stages	Coccidiosis,	*	16 hrs of light (natural and electrical) should be provided to		
		Ranikhet		adult birds for optimum egg production.		
		disease	*	Frequent raking and liming of deep litter materials.		
			*	Inclusion of turmeric powder @10g/kg feed for prevention of		
				coccidiosis.		
			*	Maintenance of brooder temperature for chicks with the help of		
				electrical bulbs for initial one month.		
			*	Ranikhet vaccination at 5th day and at 30th day of age.		
Contact S	cientists (ICAR) or Sta	i <mark>te Agril Staff or KV</mark> F		measures against adverse conditions or call at 03795-226237/226247		
				<u> </u>		



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh (Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

### <u>No: AMFU-Basar/2019/28</u>

Dated: Friday, 5th April 2019



Gramin Krishi Mausam Sewa

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

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

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
Rainfall (Roing): 9.3 mm	Partly/mostly cloudy with possibility of light rain after 7 <sup>th</sup> April. Daily
	maximum and minimum temperature for the following period is predicted to
	be 20.0-22.0°C and 11.0-13.0°C respectively. Expected morning and evening
	relative humidity will be 52-74% and 21-41% respectively. Wind direction
	is mainly ENE & E with average wind speed range of 5.0-9.0 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					
	-		ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS					
Jhum Rice	Land Preparation/		<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Sowing may be done</li> </ul>		
	sowing		<ul> <li>Sowing may be done</li> <li>Intercropping of leguminous crops (cowpea /frenchbean</li> </ul>		
	8		/soybean) at 2-3 rows across the slope in jhum field at		
			desirable interval with rice advocated.		
Sugarcane	Planting	Twermites	<ul> <li>Sugarcane sets may be planted during this week as there is</li> </ul>		
	8		sufficient soil moisture in the field.		
			<ul> <li>Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of</li> </ul>		
			termites before planting the sets.		
Maize Land	preparation	Cut worm/	♣ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5		
	/ sowing	Army	t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days		
		worm	before sowing.		
			<ul> <li>Apply dolomite @ 200 kg/ha in furrow before sowing.</li> </ul>		
			• Seeds should be sown at 50 cm row to row and 20 cm plant to		
			plant spacing, respectively.		
			<ul> <li>Take protection measure to save maize seedlings from birds.</li> </ul>		
			<ul> <li>One hand weeding should be done after 20 days of sowing.</li> </ul>		
			♣ Application of mixture of cow urine + water + neem oil (2 litre		
			+ 8 litre $+ 50$ ml) @ 100 ml/plant for management of cut worm.		
			<ul> <li>For management of Army worm spray spinosad @ 0.3 ml/litre.</li> </ul>		
			<ul> <li>Proper drainage should be ensured.</li> </ul>		
VEGETABLE	1		Des surs quality and from contified accorder		
Okra	Sowing		<ul> <li>Procure quality seed from certified agency.</li> <li>Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram</li> </ul>		
			seed before sowing.		
			Sowing may be done		
			Provide adequate drainage		
	URAL CROPS	1			
Large	Flowering		<ul> <li>Regular monitoring for pest and disease incidence.</li> </ul>		
cardamom			<ul> <li>Shade management with the proper lopping of trees.</li> </ul>		
LIVESTOCKS		l			
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages	Coccidiosis,	<ul> <li>16 hrs of light (natural and electrical) should be provided to</li> </ul>		
2 0 0 0 0 1		Ranikhet	adult birds for optimum egg production.		
		disease	<ul> <li>Frequent raking and liming of deep litter materials.</li> </ul>		
			<ul> <li>Inclusion of turmeric powder @10g/kg feed for prevention of</li> </ul>		
			coccidiosis.		
			✤ Maintenance of brooder temperature for chicks with the help of		
			electrical bulbs for initial one month.		
			Ranikhet vaccination at 5th day and at 30th day of age.		

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** 

(Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

**No: AMFU-Basar/2019/28** 



Dated: Friday, 5<sup>th</sup> April 2019



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 10 <sup>th</sup> April 2019
NA	Mostly cloudy with possibility of light rain on 8 <sup>th</sup> & 10 <sup>th</sup> April. Daily
	maximum and minimum temperature for the following period is predicted to
	be 24.0-26.0°C and 15.0-16.0°C respectively. Expected morning and evening
	relative humidity will be 76-86% and 33-58% respectively. Wind direction
	is mainly WSW with average wind speed range of 3.0-8.0 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			
Jhum Rice	Land		<ul> <li>Make structures to avoid runoff in the slope,</li> </ul>
	Preparation/		<ul> <li>Sowing during clear/dry days</li> </ul>
	Sowing		<ul> <li>Intercropping of leguminous crops (cowpea /frenchbean</li> </ul>
			/soybean) at 2-3 rows across the slope in jhum field at
			desirable interval with rice advocated.
Pea (late sown)	Seed	Powdery	Provide adequate drainage and avoid water stagnation near
	development/	mildew/ leaf	the base of the plants.
	maturity	eating insects	♦ Need based foliar spray of Dinocap $(0.2\%)$ or Carbendazim
			50WP (0.1%) or Propiconazole (0.1%) using sticker if the
			infestation is high.
VEGETABLES			
Tomato	Transplanting/		Transplanting should be done under protected condition in small
	vegetative		pits either in green house or rain shelter, if no option then in
	growth		open condition.
			<ul> <li>Well decomposed FYM along with vermicompost should be</li> </ul>
			added in pits
			Spray COC @ 0.25% at 7-10 days interval for management of
			lateblight.
			<ul> <li>Proper drainage should be ensured.</li> </ul>
Summer	Sowing		Sowing advocated during clear/dry days
vegetables			Provide adequate drainage to already sown crops
HORTICULTUR	AL CROPS		
Kiwi	Pruning/Training		Diseased and senile branches should be removed.
			Pruning should be done retaining 8-10 buds per branch for
			enhancing new flush and flowering.
			Pruned healthy hard wood of pencil thickness size having 4-
			5 buds can be used as cutting for propagation
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul> <li>Balanced feeding of dairy animals and allow calf suckling</li> </ul>
Cattle	7 III stages		immediately after parturition.
			<ul> <li>Full hand milking should be practiced.</li> </ul>
			<ul> <li>Frequent incomplete milking at interval of 4hrs should be</li> </ul>
			practiced after parturition for minimum 1 week. Afterwards
			complete milking in a day is recommended.
Contact Scientist	te (ICAD) on State	aril Staff on KWK	staff for measures against adverse conditions or call at 03795-226237/226247
Contact Scientis	is (ICAR) or state A		stan for measures against adverse conditions of call at 05795-220231/220247



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

Arunachal Pradesh

(Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

#### No: AMFU-Basar/2019/28



Dated: Friday, 5th April 2019



Gramin Krishi Mausam Sewa

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

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

Weather forecast valid up to 10 <sup>th</sup> April 2019
Mostly cloudy with possibility of moderate rain on 8 <sup>th</sup> & 10 <sup>th</sup> April.
Daily maximum and minimum temperature for the following period is
predicted to be 24.0-26.0°C and 16.0-19.0°C respectively. Expected morning
and evening relative humidity will be 71-82% and 34-49% respectively.
Wind direction is mainly E & ESE with average wind speed range of 4.0-8.0
kmph.
•

- 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 point y/ivestock     DETAILS OF ADVISORIES FOR THE PERIOD			
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS		•	
Jhum Rice	Land Preparation/ sowing		<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Sowing may be done</li> <li>Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.</li> </ul>
Sugarcane	Planting	Twermites	<ul> <li>Sugarcane sets may be planted during this week as there is sufficient soil moisture in the field.</li> <li>Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of termites before planting the sets.</li> </ul>
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul> <li>Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing.</li> <li>Apply dolomite @ 200 kg/ha in furrow before sowing.</li> <li>Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively.</li> <li>Take protection measure to save maize seedlings from birds.</li> <li>One hand weeding should be done after 20 days of sowing.</li> <li>Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm.</li> <li>For management of Army worm spray spinosad @ 0.3 ml/litre.</li> <li>Proper drainage should be ensured.</li> </ul>
VEGETABLE	S		
Okra	Sowing		<ul> <li>Procure quality seed from certified agency.</li> <li>Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.</li> <li>Sowing may be done</li> <li>Provide adequate drainage</li> </ul>
HORTICULT	URAL CROPS		
Large cardamom	Flowering		<ul> <li>Regular monitoring for pest and disease incidence.</li> <li>Shade management with the proper lopping of trees.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul> <li>16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.</li> <li>Frequent raking and liming of deep litter materials.</li> <li>Inclusion of turmeric powder @10g/kg feed for prevention of coccidiosis.</li> <li>Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.</li> <li>Ranikhet vaccination at 5th day and at 30th day of age.</li> </ul>
a a .		A. A. auth Claff an IZMI	staff for measures against adverse conditions or call at 03795-226237/226247



**District Level Agro-met Advisory Bulletin** 

**Arunachal Pradesh** 

(Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

#### No: AMFU-Basar/2019/28

Dated: Friday, 5<sup>th</sup> April 2019



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 10 <sup>th</sup> April 2019
Rainfall: 26.0 mm	Mostly cloudy with possibility of light rain. Daily maximum and
	minimum temperature for the following period is predicted to be 10.0-
	12.0°C and 2.0-3.0°C respectively. Expected morning and evening relative
	humidity will be 80-86% and 41-58% respectively. Wind direction is mainly
	variable with average wind speed range of 2-7 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				
Jhum Rice	Land		*	Make structures to avoid runoff in the slope,
	Preparation/		*	Sowing during clear/dry days
	Sowing		*	Intercropping of leguminous crops (cowpea /frenchbean
				/soybean) at 2-3 rows across the slope in jhum field at
				desirable interval with rice advocated.
Pea (late sown)	Seed	Powdery	*	Provide adequate drainage and avoid water stagnation near
	development/	mildew/ leaf		the base of the plants.
	maturity	eating insects	*	Need based foliar spray of Dinocap (0.2%) or Carbendazim
				50WP (0.1%) or Propiconazole (0.1%) using sticker if the
				infestation is high.
VEGETABLES				
Tomato	Transplanting/		*	Transplanting should be done under protected condition in small
	vegetative			pits either in green house or rain shelter, if no option then in
	growth			open condition.
			*	Well decomposed FYM along with vermicompost should be
				added in pits
			*	Spray COC @ 0.25% at 7-10 days interval for management of
				lateblight.
			*	Proper drainage should be ensured.
Summer	Sowing		*	8 7 5 5
vegetables			*	Provide adequate drainage to already sown crops
HORTICULTUR				
Kiwi	Pruning/Training			Diseased and senile branches should be removed.
			*	Pruning should be done retaining 8-10 buds per branch for
				enhancing new flush and flowering.
			*	Pruned healthy hard wood of pencil thickness size having 4-
				5 buds can be used as cutting for propagation
LIVESTOCKS			r	
Livestock	Stage	Disease		Precautionary Practices to be followed
Cattle	All stages		*	Balanced feeding of dairy animals and allow calf suckling
				immediately after parturition.
			*	Full hand milking should be practiced.
			*	Frequent incomplete milking at interval of 4hrs should be
				practiced after parturition for minimum 1 week. Afterwards
				complete milking in a day is recommended.
Contact Scientists	s (ICAR) or State A	gril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

No: AMFU-Basar/2019/28

Dated: Friday, 5<sup>th</sup> April 2019



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 10 <sup>th</sup> April 2019
Rainfall: NA	Mostly cloudy with possibility of moderate rain on 8 <sup>th</sup> April. Daily
	maximum and minimum temperature for the following period is predicted to
	be 26.0-27.0°C and 17.0-19.0°C respectively. Expected morning and evening
	relative humidity will be 84-94% and 54-72% respectively. Wind direction
	is mainly variable with average wind speed range of 2.0-4.0 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	5		
Jhum Rice	Land		<ul> <li>Make structures to avoid runoff in the slope,</li> </ul>
	Preparation/		<ul> <li>Sowing may be done</li> </ul>
	sowing		Intercropping of leguminous crops (cowpea /frenchbean
			/soybean) at 2-3 rows across the slope in jhum field at
			desirable interval with rice advocated.
Sugarcane	Planting	Twermites	Sugarcane sets may be planted during this week as there is
			sufficient soil moisture in the field.
Maize Land	preparation	Cut worm/	✤ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5
	/ sowing	Army	t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days
		worm	before sowing.
			✤ Apply dolomite @ 200 kg/ha in furrow before sowing.
			Seeds should be sown at 50 cm row to row and 20 cm plant to
			plant spacing, respectively.
			Take protection measure to save maize seedlings from birds.
			One hand weeding should be done after 20 days of sowing.
			✤ Application of mixture of cow urine + water + neem oil (2 litre
			+ 8 litre + 50ml) @ 100 ml/plant for management of cut worm.
			✤ For management of Army worm spray spinosad @ 0.3 ml/litre.
			<ul> <li>Proper drainage should be ensured.</li> </ul>
VEGETABLE	ES		
Okra	Sowing		Procure quality seed from certified agency.
			Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram
			seed before sowing.
			Sowing may be done
			Provide adequate drainage
	URAL CROPS	I	
Large	Flowering		<ul> <li>Regular monitoring for pest and disease incidence.</li> </ul>
cardamom			<ul> <li>Shade management with the proper lopping of trees.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis,	✤ 16 hrs of light (natural and electrical) should be provided to
		Ranikhet	adult birds for optimum egg production.
		disease	<ul> <li>Frequent raking and liming of deep litter materials.</li> </ul>
			<ul> <li>Inclusion of turmeric powder @10g/kg feed for prevention of</li> </ul>
			coccidiosis.
			✤ Maintenance of brooder temperature for chicks with the help of
			electrical bulbs for initial one month.
			<ul> <li>Ranikhet vaccination at 5th day and at 30th day of age.</li> </ul>
Contact Sc	<mark>rientists (ICAR) or Sta</mark>	te Agril Staff or KVK	K staff for measures against adverse conditions or call at 03795-226237/226247



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

#### No: AMFU-Basar/2019/28

Dated: Friday, 5th April 2019



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

## **ADVISORY FOR DISTRICT: UPPER SIANG**

Partly/mostly cloudy with possibility of light rain after 7 <sup>th</sup> April. Daily
raruy/mostly cloudy with possibility of light rain area / April. Daily
maximum and minimum temperature for the following period is predicted to
be 20.0-23.0°C and 11.0-13.0°C respectively. Expected morning and evening
relative humidity will be 59-81% and 27-49% respectively. Wind direction
is mainly SSE with average wind speed range of 4.0-9.0 kmph.
•
b r

- 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				
Jhum Rice	Land			Aake structures to avoid runoff in the slope,
	Preparation/			owing during clear/dry days
	Sowing			ntercropping of leguminous crops (cowpea /frenchbean
				soybean) at 2-3 rows across the slope in jhum field at
				esirable interval with rice advocated.
Pea (late sown)	Seed	Powdery	✤ P	Provide adequate drainage and avoid water stagnation near
	development/	mildew/ leaf		he base of the plants.
	maturity	eating insects	🔅 N	Need based foliar spray of Dinocap (0.2%) or Carbendazim
			5	0WP (0.1%) or Propiconazole (0.1%) using sticker if the
			iı	nfestation is high.
VEGETABLES				
Tomato	Transplanting/		<b>♦</b> T	Transplanting should be done under protected condition in small
	vegetative		р	its either in green house or rain shelter, if no option then in
	growth		0	pen condition.
			* V	Vell decomposed FYM along with vermicompost should be
			a	dded in pits
			✤ S	pray COC @ 0.25% at 7-10 days interval for management of
			18	ateblight.
			✤ P	roper drainage should be ensured.
Summer	Sowing		* S	owing advocated during clear/dry days
vegetables			🔶 P	rovide adequate drainage to already sown crops
HORTICULTUR	AL CROPS			
Kiwi	Pruning/Training		* D	Diseased and senile branches should be removed.
			* P	runing should be done retaining 8-10 buds per branch for
			e	nhancing new flush and flowering.
			* P	runed healthy hard wood of pencil thickness size having 4-
			5	buds can be used as cutting for propagation
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
Cattle	All stages		✤ B	Balanced feeding of dairy animals and allow calf suckling
			iı	mmediately after parturition.
				full hand milking should be practiced.
			<b>∻</b> F	Frequent incomplete milking at interval of 4hrs should be
				racticed after parturition for minimum 1 week. Afterwards
			_	omplete milking in a day is recommended.
Contact Sci	<mark>entists (ICAR) or Sta</mark> t	te Agril Staff or KVK		easures against adverse conditions or call at 03795-226237/226247



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh (Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

No: AMFU-Basar/2019/28

Dated: Friday, 5th April 2019



Gramin Krishi Mausam Sewa

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

### **ADVISORY FOR DISTRICT: UPPER SUBANSIRI**

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
Daporijo: NA	Mostly cloudy with possibility of light rain on 8 <sup>th</sup> & 10 <sup>th</sup> April. Daily
	maximum and minimum temperature for the following period is predicted to
	be 24.0-25.0°C and 17.0-19.0°C respectively. Expected morning and evening
	relative humidity will be 77-92% and 35-63% respectively. Wind direction
	is mainly WNW & NW with average wind speed range of 3.0 -7.0 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 •

ES FOR THE PERIOD
Precautionary Practices to be followed
ake structures to avoid runoff in the slope, owing may be done attercropping of leguminous crops (cowpea /frenchbean oybean) at 2-3 rows across the slope in jhum field at esirable interval with rice advocated.
Igarcane sets may be planted during this week as there is Ifficient soil moisture in the field. oply 5% Malathion dust @ 3 kg per bigha to avoid attack of rmites before planting the sets.
pply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 ha + 0.5t/ha neem cake and mix properly with soil 7-10 days effore sowing. pply dolomite @ 200 kg/ha in furrow before sowing. eeds should be sown at 50 cm row to row and 20 cm plant to ant spacing, respectively. ake protection measure to save maize seedlings from birds. ne hand weeding should be done after 20 days of sowing. pplication of mixture of cow urine + water + neem oil (2 litre 8 litre + 50ml) @ 100 ml/plant for management of cut worm. or management of Army worm spray spinosad @ 0.3 ml/litre. roper drainage should be ensured.
rocure quality seed from certified agency. reat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram ed before sowing. owing may be done rovide adequate drainage
egular monitoring for pest and disease incidence. nade management with the proper lopping of trees.
Precautionary Practices to be followed
b hrs of light (natural and electrical) should be provided to hult birds for optimum egg production. requent raking and liming of deep litter materials. clusion of turmeric powder @10g/kg feed for prevention of occidiosis. faintenance of brooder temperature for chicks with the help of ectrical bulbs for initial one month. anikhet vaccination at 5th day and at 30th day of age.



**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

#### No: AMFU-Basar/2019/28

Dated: Friday, 5th April 2019



Gramin Krishi Mausam Sewa

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

### **ADVISORY FOR DISTRICT: WEST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
Rainfall = Bomdila: NA ; Bhalukpong: 0.0 mm;	Mostly cloudy with possibility of light rain. Daily maximum and
Kalaktang: 0.0 mm	minimum temperature for the following period is predicted to be 20.0-
	21.0°C and 10.0-11.0°C respectively. Expected morning and evening relative
	humidity will be 73-81% and 39-52% respectively. Wind direction is mainly
	variable wind speed range of 3.0-7.0 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

		<b>DETAILS OF</b> A	ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ Sowing		<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Sowing during clear/dry days</li> <li>Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.</li> </ul>
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul> <li>Provide adequate drainage and avoid water stagnation near the base of the plants.</li> <li>Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.</li> </ul>
VEGETABLES			
Tomato Summer vegetables HORTICULTUR Kiwi	Transplanting/ vegetative growth Sowing AL CROPS Pruning/Training		<ul> <li>Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.</li> <li>Well decomposed FYM along with vermicompost should be added in pits</li> <li>Spray COC @ 0.25% at 7-10 days interval for management of lateblight.</li> <li>Proper drainage should be ensured.</li> <li>Sowing advocated during clear/dry days</li> <li>Provide adequate drainage to already sown crops</li> <li>Diseased and senile branches should be removed.</li> <li>Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</li> <li>Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation</li> </ul>
LIVESTOCKS			5 buds can be used as cutting for propagation
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul> <li>Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>Full hand milking should be practiced.</li> <li>Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</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

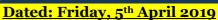




## **District Level Agro-met Advisory Bulletin**

**Arunachal Pradesh** (Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

### No: AMFU-Basar/2019/28





Gramin Krishi Mausam Sewa

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

### **ADVISORY FOR DISTRICT: WEST SIANG**

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

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
Rainfall: 0.0 mm, Max. T: 24.0°C, Min. T: 13.4°C, Wind Speed: 4-6 km/h, RH: 52-96%, Wind Direction: ENE & ESE	<b>Partly/mostly cloudy with possibility of light rain after 7<sup>th</sup> April.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 17.0-19.0°C respectively. Expected morning and evening relative humidity will be 70-92% and 31-62% respectively. Wind direction is mainly WNW & W with average wind speed range of 5.0-7.0 kmph.
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 •

	t vaccination sche		ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Sowing may be done</li> <li>Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.</li> </ul>
Sugarcane	Planting	Twermites	<ul> <li>Sugarcane sets may be planted during this week as there is sufficient soil moisture in the field.</li> <li>Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of termites before planting the sets.</li> </ul>
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul> <li>Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing.</li> <li>Apply dolomite @ 200 kg/ha in furrow before sowing.</li> <li>Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively.</li> <li>Take protection measure to save maize seedlings from birds.</li> <li>One hand weeding should be done after 20 days of sowing.</li> <li>Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm.</li> <li>For management of Army worm spray spinosad @ 0.3 ml/litre.</li> <li>Proper drainage should be ensured.</li> </ul>
VEGETABLE			
	Sowing URAL CROPS		<ul> <li>Procure quality seed from certified agency.</li> <li>Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.</li> <li>Sowing may be done</li> <li>Provide adequate drainage</li> </ul>
Large	Flowering		<ul> <li>Regular monitoring for pest and disease incidence.</li> </ul>
cardamom			<ul> <li>Shade management with the proper lopping of trees.</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul> <li>If the the provided of the transformation of tran</li></ul>
Contact Sci	ientists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247

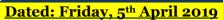


**District Level Agro-met Advisory Bulletin** 

Arunachal Pradesh

(Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

### No: AMFU-Basar/2019/28





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

### **ADVISORY FOR DISTRICT: ANJAW**

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

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
No weather summary available	Partly cloudy with possibility of light rain on 8 <sup>th</sup> & 10 <sup>th</sup> April. Daily
	maximum and minimum temperature for the following period is predicted to
	be 20.0-22.0°C and 12.0-14.0°C respectively. Expected morning and evening
	relative humidity will be 59-77% and 23-51% respectively. Wind direction
	is mainly E & ESE with average wind speed range of 5.0-10.0 kmph.
Warning:	*

#### 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

		<b>DETAILS OF</b> A	ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ Sowing		<ul> <li>Make structures to avoid runoff in the slope,</li> <li>Sowing during clear/dry days</li> <li>Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.</li> </ul>
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul> <li>Provide adequate drainage and avoid water stagnation near the base of the plants.</li> <li>Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.</li> </ul>
VEGETABLES			
Tomato Summer vegetables <b>HORTICULTUR</b> Kiwi	Transplanting/ vegetative growth Sowing AL CROPS Pruning/Training		<ul> <li>Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.</li> <li>Well decomposed FYM along with vermicompost should be added in pits</li> <li>Spray COC @ 0.25% at 7-10 days interval for management of lateblight.</li> <li>Proper drainage should be ensured.</li> <li>Sowing advocated during clear/dry days</li> <li>Provide adequate drainage to already sown crops</li> </ul>
			enhancing new flush and flowering.
			<ul> <li>Pruned healthy hard wood of pencil thickness size having 4-</li> <li>5 buds can be used as cutting for propagation</li> </ul>
LIVESTOCKS	• • • • • • • • • • • • • • • • • • • •		
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul> <li>Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>Full hand milking should be practiced.</li> <li>Frequent incomplete milking at interval of 4hrs should be</li> </ul>

practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.

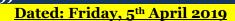
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247



**District Level Agro-met Advisory Bulletin** 

**Arunachal Pradesh** (Period: 6<sup>th</sup> to 10<sup>th</sup> April 2019)

#### No: AMFU-Basar/2019/28





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

### **ADVISORY FOR DISTRICT: CHANGLANG**

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

Weather summery of the previous week	Weather forecast valid up to 10 <sup>th</sup> April 2019
Rainfall = Changlang: 28.4 mm Miao: 24.6	Partly/mostly cloudy with possibility of light/moderate rain. Daily
mm	maximum and minimum temperature for the following period is predicted to
	be 26.0-27.0°C and 17.0-19.0°C respectively. Expected morning and evening
	relative humidity will be 84-94% and 54-72% respectively. Wind direction
	is mainly variable with average wind speed range of 2.0-4.0 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 A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land		<ul> <li>Make structures to avoid runoff in the slope,</li> </ul>
	Preparation/		<ul> <li>Sowing may be done</li> </ul>
	sowing		Intercropping of leguminous crops (cowpea /frenchbean
			/soybean) at 2-3 rows across the slope in jhum field at
			desirable interval with rice advocated.
Maize Land	preparation	Cut worm/	<ul> <li>Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5</li> </ul>
	/ sowing	Army	t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days
		worm	before sowing.
			<ul> <li>Apply dolomite @ 200 kg/ha in furrow before sowing.</li> </ul>
			Seeds should be sown at 50 cm row to row and 20 cm plant to
			plant spacing, respectively.
			<ul> <li>Take protection measure to save maize seedlings from birds.</li> </ul>
			One hand weeding should be done after 20 days of sowing.
			<ul> <li>Application of mixture of cow urine + water + neem oil (2 litre</li> </ul>
			+ 8 litre + 50ml) @ 100 ml/plant for management of cut worm.
			For management of Army worm spray spinosad @ 0.3 ml/litre.
			<ul> <li>Proper drainage should be ensured.</li> </ul>
VEGETABLI	ES		
Okra	Sowing		<ul> <li>Procure quality seed from certified agency.</li> </ul>
			Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram
			seed before sowing.
			<ul> <li>Sowing may be done</li> <li>Drovido adoguato durinago</li> </ul>
HODTICIU	<b>FURAL CROPS</b>		<ul> <li>Provide adequate drainage</li> </ul>
Large	Flowering		<ul> <li>Regular monitoring for pest and disease incidence.</li> </ul>
cardamom	Tiowering		<ul> <li>Shade management with the proper lopping of trees.</li> </ul>
••••			• Shade management with the proper topping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis,	✤ 16 hrs of light (natural and electrical) should be provided to
-		Ranikhet	adult birds for optimum egg production.
		disease	<ul> <li>Frequent raking and liming of deep litter materials.</li> </ul>
			<ul> <li>Inclusion of turmeric powder @10g/kg feed for prevention of</li> </ul>
			coccidiosis.
			<ul> <li>Maintenance of brooder temperature for chicks with the help of</li> </ul>
			electrical bulbs for initial one month.
			Ranikhet vaccination at 5th day and at 30th day of age.
Contact Se	cientists (ICAR) or Sta	nte Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247