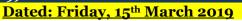


District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22





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 20 th March 2019
No weather summary available	Mostly sunny/partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to
	be 24.0-27.0°C and 16.0-20.0°C respectively. Expected morning and evening
	relative humidity will be 58-77% and 39-49% respectively. Wind direction
	is mainly E with average wind speed range of 6.0-9.0 kmph.
Warning:	Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.

			Pradesh.
Monitor	AL RECOMMEN for possible attac	k of insects/pests	
			ne during clear/dry days
	drainage to all cro		
Check of	f vaccination sche		
		DETAILS OF A	ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Toria/ Mustard	Seed	Aphids	 In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre
	formation/harv		against aphids in Rapeseed/Mustard using sticker.
	esting		 Harvest during clear/dry days
Soybean	Sowing		 Sowing of treated quality seeds may be done,
Black gram	Sowing		 Sowing of treated quality seeds may be done
VEGETABLES			
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	 Avoid harvesting Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage. Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall
Cabbage/ Cauliflower	Harvesting		 Harvest mature crop. Constantly monitor against attack of increte most /mole
HORTICULTUR	AL CROPS		Constantly monitor against attack of insects pests/mole.
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	 Remove water sprouts in Khasi mandarin. During sunny days, spray Metalaxyl MZ <u>72@2.75g/lit</u> or fosetyl <u>A1@2.5g/lit</u> fungicide on the tree covering the whole plant canopy against Phytophthora. During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
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
Poultry	All stages		✤ Vaccination against Ranikhet at 4 days of birth & booster dose
			after 1 month of age.
Goat	All		✤ Deworming
			 Provide dry bedding
Fish	-		 Fingerlings - keep ready for introducing to the ponds,
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	K staff for measures against adverse conditions or call at 03795-226237/226247

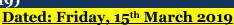


District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22





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 20 th March 2019
Rainfall = Changlang: 0.0 mm Miao: 0.0 mm	Mostly sunny/partly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 23.0-31.0°C and 16.0-20.0°C respectively. Expected morning and evening
	relative humidity will be 66-72% and 38-58% respectively. Wind direction
	is mainly ESE with average wind speed range of 4.0-5.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning
	is very likely to occur at isolated places over Arunachal
	Pradesh.

- 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 Maize	Land preparation Sowing/ germination		 Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg
			 is recommended before sowing. Sowing recommended Provide proper arrangement for drainage
Toria/ Mustard	Mature/ Harvesting	Aphid	 Harvesting of mature crop, Proper sun-drying of harvested crop Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers
EGETABLES			
Cucurbits	Nursery/Sowing		 Prepare nursery in shaded area Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
French Bean	Sowing		 In present weather conditions, sowing of quality seeds may be done, Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
HORTICULT	URAL CROPS		
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
LIVESTOCKS	Ct.	D:	
Livestock Cattle	Stage All Growth	Disease	 Precautionary Practices to be followed Provide less ventilation to avoid heat loss Keep cattle clean and dry so that they stay warm, Deworming
Pig Contact Sci	Pigs/ Piglets	to Agril Stoff on UNI	 The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. Staff for measures against adverse conditions or call at 03795-226237/226247
Contact Sci	enusis (ICAN) UI Sta	a Agin Stan Of KVF	x start for incastres against aureise conditions of can at 03/73-22023/722024/



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 16th to 20th March 2019)



No: AMFU-Basar/2019/22

Dated: Friday, 15th March 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 20 th March 2019
Rainfall = NA	Mostly/partly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 23.0-26.0°C and 16.0-20.0°C respectively. Expected morning and evening
	relative humidity will be 77-86% and 47-68% respectively. Wind direction
	is mainly ENE & E with average wind speed range of 8.0-10.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning is very
	likely to occur at isolated places over Arunachal Pradesh.

- 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	<mark>ADVISORIES FOR</mark>	THE PERIOD

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Toria/ Mustard	Seed	Aphids	*	In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre
	formation/harv			against aphids in Rapeseed/Mustard using sticker.
	esting		*	Harvest during clear/dry days
Soybean	Sowing		*	Sowing of treated quality seeds may be done,
Black gram	Sowing		*	Sowing of treated quality seeds may be done
VEGETABLES	, ,			
Potato	Vegetative stage/	Late blight/	*	Avoid harvesting
	Harvesting stage	Red ant	*	Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.
			*	Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves
			*	Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall.
Cabbage/	Harvesting		*	Harvest mature crop.
Cauliflower	_		*	-
HORTICULTUR	AL CROPS			
Khasi Mandarin	After harvesting/	Phytophthora/	*	Remove water sprouts in Khasi mandarin.
	transplanting	Leaf eating	*	
		caterpillar		<u>A1@2.5g/lit</u> fungicide on the tree covering the whole plant
			•	canopy against Phytophthora.
¥7· ·	D . (T		-	During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Kiwi	Pruning/Training		**	
			*	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	11	1		
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages		*	Vaccination against Ranikhet at 4 days of birth & booster dose
				after 1 month of age.
Goat	All		*	Deworming
			*	Provide dry bedding
Fish	-		*	Fingerlings - keep ready for introducing to the ponds,
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 16th to 20th March 2019)

<u>No: AMFU-Basar/2019/22</u>

Dated: Friday, 15th March 2019

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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 20 th March 2019
Rainfall = 0.0 mm	Mostly sunny with possibility of very light rain. Daily maximum and
	minimum temperature for the following period is predicted to be 28.0-
	30.0°C and 18.0-21.0°C respectively. Expected morning and evening relative
	humidity will be 67-77% and 40-46% respectively. Wind direction is mainly
	SE & ENE with average wind speed range of 5.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning is very
	likely to occur at isolated places over Arunachal Pradesh.

GENERAL RECOMMENDATIONS6

• 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 Maize	Land preparation Sowing/ germination		 Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg
			 is recommended before sowing. ❖ Sowing recommended ❖ Provide proper arrangement for drainage
Toria/ Mustard	Mature/ Harvesting	Aphid	 Harvesting of mature crop, Proper sun-drying of harvested crop Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers
EGETABLES	F		
Cucurbits	Nursery/Sowing		 Prepare nursery in shaded area Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
French Bean	Sowing		 In present weather conditions, sowing of quality seeds may be done, Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
HORTICULT	URAL CROPS	-	
Citrus LIVESTOCKS	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth	Distast	 Provide less ventilation to avoid heat loss Keep cattle clean and dry so that they stay warm, Deworming
Pig Contact Sci	Pigs/ Piglets	te Agril Staff or KVI	 The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. Staff for measures against adverse conditions or call at 03795-226237/226247
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District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22



Dated: Friday, 15th March 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 20 th March 2019
Rainfall: 0.2 mm; T. Max: 31.0°C; T. Min:	Mostly/partly cloudy with possibility of light/moderate rain. Daily
18.0°C ; RH: 61-68%	maximum and minimum temperature for the following period is predicted to
	be 25.0-30.0°C and 17.0-20.0°C respectively. Expected morning and evening
	relative humidity will be 73-90% and 37-52% respectively. Wind direction
	is mainly W with average wind speed range of 4.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning is
	very likely to occur at isolated places over Arunachal Pradesh.

- 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 Maize	Land preparation		 Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties.
Maize	Sowing/ germination		 Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing. Sowing recommended Provide proper arrangement for drainage
Toria/ Mustard	Mature/ Harvesting	Aphid	 Harvesting of mature crop, Proper sun-drying of harvested crop Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers
EGETABLES			
Cucurbits	Nursery/Sowing		 Prepare nursery in shaded area Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
French Bean	Sowing		 In present weather conditions, sowing of quality seeds may be done, Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
HORTICULT	URAL CROPS		
Citrus LIVESTOCKS	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC @0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
	Stage	Diagon	Duccoution on Ducctices to be followed
Cattle	Stage All Growth	Disease	 Precautionary Practices to be followed Provide less ventilation to avoid heat loss Keep cattle clean and dry so that they stay warm, Deworming
Pig	Pigs/ Piglets	to A cuil Staff 17371	 The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided.
Contact Sci	ientists (ICAK) or Sta	te Agrii Stall or KVR	staff for measures against adverse conditions or call at 03795-226237/226247

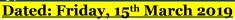


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Arunachal Pradesh

(Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22





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 20 th March 2019
Rainfall (Koloriang): 5.4 mm	Partly cloudy with possibility of light rain. 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 83-88% and 47-64% respectively. Wind direction is mainly variable with
	average wind speed range of 2.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning
	is very likely to occur at isolated places over Arunachal
	Pradesh.

GENER	AL RECOMMEN	DATIONS			
 Monitor 	Monitor for possible attack of insects/pests				
Applica	Application of fertilizers/manure can be done during clear/dry days				
Proper	drainage to all cro	p to avoid runoff			
Check o	f vaccination sche				
			ADVISORIES FOR THE PERIOD		
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS		A 111			
Toria/ Mustard	Seed formation/harv	Aphids	 In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre 		
	esting		against aphids in Rapeseed/Mustard using sticker.		
	<u> </u>		Harvest during clear/dry days		
Soybean	Sowing		 Sowing of treated quality seeds may be done, 		
Black gram	Sowing		 Sowing of treated quality seeds may be done 		
VEGETABLES					
Potato	Vegetative stage/	Late blight/	 Avoid harvesting 		
	Harvesting stage	Red ant	Store already harvested crops in a cool, well ventilated place/		
			do not wash before storing as dampness promotes early		
			 spoilage. Regularly monitor against the disease symptoms. Prominent 		
			symptoms include small, dark, circular to irregular shaped lesion		
			in the leaves		
			Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of		
			water is advised using stickers in case of rainfall		
Cabbage/	Harvesting		 Harvest mature crop. 		
Cauliflower			Constantly monitor against attack of insects pests/mole.		
HORTICULTUR					
Khasi Mandarin	After harvesting/	Phytophthora/	 Remove water sprouts in Khasi mandarin. 		
	transplanting	Leaf eating	During sunny days, spray Metalaxyl MZ <u>72@2.75g/lit</u> or fosetyl <u>A1@2.5g/lit</u> fungicide on the tree covering the whole plant		
		caterpillar	canopy against Phytophthora.		
			 During clear/dry days, spray Dimethoate 30EC@1ml/l of water. 		
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		
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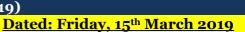
211 201 0 0110			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		✤ Vaccination against Ranikhet at 4 days of birth & booster dose
			after 1 month of age.
Goat	All		 Deworming
			 Provide dry bedding
Fish	-		 Fingerlings - keep ready for introducing to the ponds,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22





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 20 th March 2019	
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 21.0-	
	29.0°C and 16.0-20.0°C respectively. Expected morning and evening relative	
	humidity will be 71-79% and 37-48% respectively. Wind direction is mainly	
	ENE average wind speed range of 5.0-7.0 kmph.	
Warning	Thunderstorm accompanied with gusty wind and lightning	
	is very likely to occur at isolated places over Arunachal	
	Pradesh.	

Monitor f Applicatio Proper dr Check of Crop FIELD CROPS	on of fertilizers/n rainage to all cro	ek of insects/pests nanure can be do p to avoid runoff dule in poultry/liv DETAILS OF A Pest/Disease	vestock DVISC * * * *	PRIES FOR THE PERIOD Precautionary Practices to be followed Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
Application Proper dr Check of Crop FIELD CROPS Jhum Rice	on of fertilizers/r rainage to all cro vaccination sche Stage Land preparation Sowing/ germination	nanure can be do p to avoid runoff dule in poultry/liv DETAILS OF A Pest/Disease	vestock DVISC * * * *	PRIES FOR THE PERIOD Precautionary Practices to be followed Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
Proper dr Check of Crop FIELD CROPS Jhum Rice	cainage to all cro vaccination sche Stage Land preparation Sowing/ germination	p to avoid runoff dule in poultry/liv DETAILS OF A Pest/Disease	vestock DVISC * * * *	PRIES FOR THE PERIOD Precautionary Practices to be followed Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
Check of : Crop FIELD CROPS Jhum Rice	Vaccination sche	dule in poultry/liv DETAILS OF A Pest/Disease	vestock ADVISC * * * *	Precautionary Practices to be followed Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
Crop FIELD CROPS Jhum Rice	Sowing/ germination	DETAILS OF A Pest/Disease	ADVISC * * * *	Precautionary Practices to be followed Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
FIELD CROPS Jhum Rice	Land preparation Sowing/ germination	Pest/Disease	* * * *	Precautionary Practices to be followed Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
FIELD CROPS Jhum Rice	Land preparation Sowing/ germination		* * * *	Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
Jhum Rice	Sowing/ germination		* * * *	Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
	Sowing/ germination		* * * *	Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
Maize	germination		* * *	ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
Maize	germination		* *	Bhalum1,2,3 & 4 in Jhum apart from the local varieties.Procure good quality certified seeds,Seed treatment of early maize with Imidichloropid @ 1-2g/10kgis recommended before sowing.
Maize	germination		*	Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
Maize	germination		*	Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
	-			is recommended before sowing.
	Mature/		*	•
	Mature/		•_•	
	Mature/			Sowing recommended
Toria/ Mustard	Mature/	Aphid		Provide proper arrangement for drainage
Torra/ Mustaru	Harvesting	Apina		Harvesting of mature crop,
	That vesting			Proper sun-drying of harvested crop Spraying of dimethoate @ 2 ml per litre of water is
			•	
				advise during clear/dry days or using stickers
EGETABLES	N /6 :		•	
Cucurbits	Nursery/Sowing			Prepare nursery in shaded area
				Procure quality seed from certified agency.
			***	Treat the seeds with Imidacloprid 17SL @1ml/litre/
French Bean	Sowing		*	kilogram seed before sowing. In present weather conditions, sowing of quality seeds may be
Fichch Deall	Sowing		***	done,
			**	Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram
			•	seed before sowing.
HORTICULTU	RAL CROPS			
Citrus	Maturity/	Bark eating	*	Orange (only if harvesting is over): Go for drenching with
Childs	harvesting	caterpillar,	·	Dichlorovos 76 $EC@0.05\%$ against trunk-borer on dry days.
	in to still g	Trunk borer,	*	On clear weather or using sticker, against Blue & Green
		Blue & Green	•	mould, spray Imazalil 34 WP @ 1g/lit. Prune away the
		mould		diseased portion of the plant.
			*	In case of Bark eating caterpillar, remove the wooden frass
				present in between the joints of the trunk and inject Dichlorovos
				(DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the
				help of disposable syringe and push cotton swab soaked in
				Dichlorovos solution in the larval tunnel.
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
Cattle	All Growth		*	Provide less ventilation to avoid heat loss
			*	Keep cattle clean and dry so that they stay warm,
				Deworming
Pig	Pigs/ Piglets		*	The bedding is always dry and that there is plenty.
			*	If possible wooden sleeping box should be provided.
Contact Scier	ntists (ICAR) or Stat	te Agril <mark>Staff or KVK</mark>	staff for	measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 16th to 20th March 2019)

<u>No: AMFU-Basar/2019/22</u>

Dated: Friday, 15th March 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 20 th March 2019
Rainfall (Roing): 0.7 mm	Mostly/partly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 26.0-28.0°C and 17.0-18.0°C respectively. Expected morning and evening
	relative humidity will be 62-81% and 36-48% respectively. Wind direction
	is mainly E with average wind speed range of 6.0-8.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning is
	very likely to occur at isolated places over Arunachal Pradesh.

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

	Vaccination sche	V	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice Maize	Land preparation Sowing/ germination		 Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.
			 Sowing recommended Provide proper arrangement for drainage
Toria/ Mustard	Mature/ Harvesting	Aphid	 Provide proper arrangement for dramage Harvesting of mature crop, Proper sun-drying of harvested crop Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers
EGETABLES			
Cucurbits French Bean	Nursery/Sowing Sowing		 Prepare nursery in shaded area Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. In present weather conditions, sowing of quality seeds may be done,
HOPTICIUT	URAL CROPS		 Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
	Stage	Diagona	Due continue un Due ctices te he fellowed
Cattle	Stage All Growth	Disease	 Precautionary Practices to be followed Provide less ventilation to avoid heat loss Keep cattle clean and dry so that they stay warm, Deworming
Pig	Pigs/ Piglets		 The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided.
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

(Period: 16th to 20th March 2019)

<u>No: AMFU-Basar/2019/22</u>



Dated: Friday, 15th March 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 20 th March 2019
NA	Partly cloudy with possibility of light rainfall. Daily maximum and
	minimum temperature for the following period is predicted to be 26.0-
	28.0°C and 18.0-21.0°C respectively. Expected morning and evening relative
	humidity will be 75-82% and 48-63% respectively. Wind direction is mainly
	variable with average wind speed range of 3.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning is very likely to
	occur at isolated places over Arunachal Pradesh.

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				
Toria/ Mustard	Seed formation/harv esting	Aphids	 In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker. Harvest during clear/dry days 	
Soybean	Sowing		 Sowing of treated quality seeds may be done, 	
Black gram	Sowing		 Sowing of treated quality seeds may be done 	
VEGETABLES				
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	 Avoid harvesting Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage. Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall 	
Cabbage/	Harvesting		 Harvest mature crop. 	
Cauliflower	Ū.		Constantly monitor against attack of insects pests/mole.	
HORTICULTUR	AL CROPS			
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	 Remove water sprouts in Khasi mandarin. During sunny days, spray Metalaxyl MZ <u>72@2.75g/lit</u> or fosetyl <u>A1@2.5g/lit</u> fungicide on the tree covering the whole plant canopy against Phytophthora. During clear/dry days, spray Dimethoate 30EC@1ml/l of water. 	
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	<u> </u>			
Livestock	Stage	Disease	Precautionary Practices to be followed	
Poultry	All stages	DISCASE	 Vaccination against Ranikhet at 4 days of birth & booster dose after 1 month of age. 	
Goat	All		DewormingProvide dry bedding	
Fish	-		 Fingerlings - keep ready for introducing to the ponds, 	
Contact Scientist	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: 16th to 20th March 2019)

No: AMFU-Basar/2019/22



Dated: Friday, 15th March 2019

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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 20 th March 2019
Rainfall: 0.7 mm; T. Max: 31.0°C; T. Min:	Mostly sunny with possibility of light rain. Daily maximum and minimum
18.0°C ; RH: 67-81%	temperature for the following period is predicted to be 29.0-31.0°C and 18.0-
	21.0°C respectively. Expected morning and evening relative humidity will
	be 69-76% and 40-47% respectively. Wind direction is mainly E & ESE
	with average wind speed range of 4.0-9.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning is very likely to
	occur at isolated places over Arunachal Pradesh.

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

Crop Stage Pest/Disease Precautionary Practices to be followed FIELD CROPS Image: Stage Pest/Disease Arrangement of quality seeds, Jhum Rice Land preparation Make structures to avoid runoff in the slope, Seed reatment of early marke with Imidchloropid @ 1-2g/10kg is recommended before sowing. Sowing recommended Provide proper arrangement for drainage Provide proper arrangement for drainage Provide proper arrangement for drainage Soring of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers EGETABLES Procure good quality seed from certified gency. Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. French Bean Sowing In present weather conditions, sowing of quality seeds may be done. Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. HORTICULTURAL CROPS Catrus		DETAILS OF ADVISORIES FOR THE PERIOD			
Jhum Rice Land preparation Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. Maize Sowing/ germination Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing. Sowing recommended Provide proper arrangement for drainage Toria/ Mustard Mature/ Harvesting Aphid Harvesting of mature crop, Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers EGETABLES Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. French Bean Sowing In present weather conditions, sowing of quality seeds may be done, Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. HORTICULTURAL CROPS Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@/li05% against trunk-borer on dry days. On clar weather or using sticker, against Blue & Green mould, spray Imazali 14 WP @ Igflit. Prune away the diseased portion of the plant.	Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
Make structures to avoid runnoff in the slope, (CAR Basar recommends procuring quality seeds of Bhalum1.2.3 & 4 in Jhum apart from the local varieties.MaizeSowing/ germinationProcure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.Toria/ MustardMature/ HarvestingAphidHarvesting of mature crop, Proper sun-drying of mature crop, Proper sun-drying of harvested cropEGETABLESSeed trainent of early maize with Imidichloropid @ 1-2g/10kg is recommended 	FIELD CROPS	,			
germination * Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing. Toria/ Mustard Mature/ Aphid * Harvesting of mature crop. Toria/ Mustard Mature/ Aphid * Harvesting of mature crop. EGET ABLES * Proper sun-drying of harvested crop * EGET ABLES * Procure quality seed from certified agency. Cucurbits Nursery/Sowing * Propare nursery in shaded area * Procure quality seed from certified agency. * * Treat the seeds with Imidacloprid 17SL @ Iml/litre/kilogram seed before sowing. French Bean Sowing * In present weather conditions, sowing of quality seeds may be done. Citrus Maturity/ harvesting Bark eating caterpillar, Trunk borer, Trunk borer, mould * Mustard Maturity/ harvesting * Or clear weather or using sticker, against Blue & Green mould * Treat the seeds with Imidacloprid 17SL @ Iml/litre/kilogram seed before sowing. * On clear weather or using sticker, against Blue & Green mould * In case of Bark eating caterpillar, Trunk borer, mould, spray Immazili 34 WP @ Iglit. Prune away the diseased portion of the plant. * <t< td=""><td></td><td></td><td></td><td> Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. </td></t<>				 Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. 	
Toria/ Mustard Mature/ Harvesting Aphid + Harvesting of mature crop, Proper sun-drying of harvested crop > Proper sun-drying of harvested crop EGETABLES > Cucurbits Nursery/Sowing > Proper nursery in shaded area Cucurbits Nursery/Sowing > Proper nursery in shaded area French Bean Sowing > Proper quality seed from certified agency. French Bean Sowing > In present weather conditions, sowing of quality seeds may be done, done, Citrus Maturity/ harvesting Bark eating caterpillar, 	Maize	-		 Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing. Sowing recommended 	
Cucurbits Nursery/Sowing Prepare nursery in shaded area Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. French Bean Sowing In present weather conditions, sowing of quality seeds may be done, Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. HORTICULTURAL CROPS Citrus Maturity/ harvesting Caterpillar, Trunk borer, Blue & Green mould Caterpillar, Trunk borer, Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel. LIVESTOCKS Livestock Stage Disease Precautionary Practices to be followed Cattle All Growth Provide less ventilation to avoid heat loss Keep cattle clean and dry so that they stay warm, Deworming Pig Pigs/ Piglets The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. 	Toria/ Mustard		Aphid	 Harvesting of mature crop, Proper sun-drying of harvested crop Spraying of dimethoate @ 2 ml per litre of water is 	
French BeanSowing*Procure quality seed from certified agency. * Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing.French BeanSowing*In present weather conditions, sowing of quality seeds may be done, * Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing.HORTICULTURAL CROPS*Naturity/ harvesting caterpillar, Trunk borer, Blue & Green mould*Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days. * On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ Iglit. Prune away the diseased portion of the plant. * In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ Sml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.LIVESTOCKSItvestockStageDiseasePigPigs/ Piglets*Provide less ventilation to avoid heat loss * Keep cattle clean and dry so that they stay warm, > DewormingPigPigs/ Piglets*The bedding is always dry and that there is plenty.	EGETABLES				
done, * Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. HORTICULTURAL CROPS * Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. Citrus Maturity/ harvesting Bark eating caterpillar, Trunk borer, Blue & Green mould spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. * In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel. LIVESTOCKS Stage Disease Precationary Practices to be followed Cattle All Growth * Provide less ventilation to avoid heat loss * Keep cattle clean and dry so that they stay warm, beworming > Deworming Pig Pigs/ Piglets * The bedding is always dry and that there is plenty.				 Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. 	
CitrusMaturity/ harvestingBark eating caterpillar, Trunk borer, 	French Bean	Sowing		done, ◆ Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram	
harvestingcaterpillar, Trunk borer, Blue & Green mouldDichlorovos 76 EC @ 0.05% against trunk-borer on dry days.Some of the stateStageOn clear weather or using sticker, against Blue & Green 	HORTICULT	URAL CROPS			
LivestockStageDiseasePrecautionary Practices to be followedCattleAll Growth		•	caterpillar, Trunk borer, Blue & Green	 Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in 	
Cattle All Growth Provide less ventilation to avoid heat loss Keep cattle clean and dry so that they stay warm, Deworming Pig Pigs/ Piglets The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided.		Stage	Diagona	Druger die gewennen Drug die een de het fellerwend	
Pig Pigs/ Piglets The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. If possible wooden sleeping box should be provided.		Ū	Disease	 Provide less ventilation to avoid heat loss Keep cattle clean and dry so that they stay warm, 	
			te Agril Staff or KVF	 The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. 	



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22

Dated: Friday, 15th March 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 20 th March 2019
Rainfall: 1.0 mm	Mostly sunny/partly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 16.0-17.0°C and 3.0-4.0°C respectively. Expected morning and evening
	relative humidity will be 61-65% and 41-48% respectively. Wind direction
	is mainly WSW & SW with average wind speed range of 6-10 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning is very
	likely to occur at isolated places over Arunachal Pradesh.

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

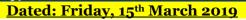
DETAILS OF AD (ISOKILS FOR THE FERIOD					
FIELD CROPS					
Toria/ Mustard	Seed	Aphids	*	In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre	
	formation/harv			against aphids in Rapeseed/Mustard using sticker.	
	esting		*	Harvest during clear/dry days	
Soybean	Sowing		*	Sowing of treated quality seeds may be done,	
Black gram	Sowing		*	Sowing of treated quality seeds may be done	
VEGETABLES	, ,				
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	*	Avoid harvesting Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage. Regularly monitor against the disease symptoms. Prominent	
				symptoms include small, dark, circular to irregular shaped lesion in the leaves	
			***	Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall	
Cabbage/	Harvesting		*	Harvest mature crop.	
Cauliflower			*	Constantly monitor against attack of insects pests/mole.	
HORTICULTUR	AL CROPS				
Khasi Mandarin	After harvesting/	Phytophthora/		Remove water sprouts in Khasi mandarin.	
	transplanting	Leaf eating caterpillar	*	During sunny days, spray Metalaxyl MZ <u>72@2.75g/lit</u> or fosetyl <u>A1@2.5g/lit</u> fungicide on the tree covering the whole plant canopy against Phytophthora.	
			*	During clear/dry days, spray Dimethoate 30EC@1ml/l of water.	
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	
Poultry	All stages		*	Vaccination against Ranikhet at 4 days of birth & booster dose after 1 month of age.	
Goat	All		*	Deworming	
Cour			*	Provide dry bedding	
Fish	-		*	Fingerlings - keep ready for introducing to the ponds,	
Contact Scientist	ts (ICAR) or State A	gril Staff or KVK s	staff for	measures against adverse conditions or call at 03795-226237/226247	



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22





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 20 th March 2019
Rainfall: 0.0 mm	Mostly sunny/partly cloudy with possibility of light rain. Daily maximum
	and minimum temperature for the following period is predicted to be 25.0-
	31.0°C and 17.0-20.0°C respectively. Expected morning and evening relative
	humidity will be 78-92% and 46-68% respectively. Wind direction is mainly
	SSE & S with average wind speed range of 2.0-4.0 kmph.
Warning:	Thunderstorm accompanied with gusty wind and lightning
	is very likely to occur at isolated places over Arunachal
	Pradesh.

ULITER	AL RECOMMEN	NDATIONS		
	ll spray operations			
	tion of fertilizers/r		voided	
	drainage to all cro	•		
-	f vaccination sche	-		
	i vaccination sene	i		DRIES FOR THE PERIOD
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	0			
Jhum Rice	Land preparation		*	Arrangement of quality seeds,
			*	Make structures to avoid runoff in the slope,
			*	ICAR Basar recommends procuring quality seeds of
				Bhalum1,2,3 & 4 in Jhum apart from the local varieties.
Maize	Sowing/		*	Procure good quality certified seeds,
	germination		*	Seed treatment of early maize with Imidichloropid @ 1-2g/10kg
				is recommended before sowing.
			*	8
				Provide proper arrangement for drainage
Toria/ Mustard	Mature/	Aphid	*	0
	Harvesting		*	Proper sun-drying of harvested crop
			*	Spraying of dimethoate @ 2 ml per litre of water is
				advise during clear/dry days or using stickers
EGETABLES	N (G :		•	<u> </u>
Cucurbits	Nursery/Sowing			Prepare nursery in shaded area
				Procure quality seed from certified agency.
			•••	Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
French Bean	Sowing		*	In present weather conditions, sowing of quality seeds may be
T Tellen Deun	Sound		•	done,
			*	Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram
				seed before sowing.
HORTICULT	URAL CROPS			
Citrus	Maturity/	Bark eating	*	Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar,		Dichlorovos 76 EC@0.05% against trunk-borer on dry days.
		Trunk borer,	*	On clear weather or using sticker, against Blue & Green
		Blue & Green		mould, spray Imazalil 34 WP @ 1g/lit. Prune away the
		mould	•	diseased portion of the plant.
			*	In case of Bark eating caterpillar, remove the wooden frass
				present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the
				help of disposable syringe and push cotton swab soaked in
				Dichlorovos solution in the larval tunnel.
LIVESTOCKS	l			
Livestock	Stage	Disease		Precautionary Practices to be followed
Cattle	All Growth		*	Provide less ventilation to avoid heat loss
2			*	Keep cattle clean and dry so that they stay warm,
			*	Deworming
Pig	Pigs/ Piglets		*	The bedding is always dry and that there is plenty.
C			*	If possible wooden sleeping box should be provided.



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22

Dated: Friday, 15th March 2019



Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: UPPER SIANG

Weather summery of the previous week	Weather forecast valid up to 20 th March 2019
Rainfall: 4.2 mm	Mostly sunny/partly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 24.0-27.0°C and 16.0-20.0°C respectively. Expected morning and evening
	relative humidity will be 73-85% and 40-58% respectively. Wind direction
	is mainly SSE with average wind speed range of 4.0-6.0 kmph.
Warning:	Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.

- 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 1	Practices to be followed
FIELD CROPS				
Toria/ Mustard	Seed	Aphids	•	ion, Spray Dimethoate 30EC @2ml/litre
	formation/harv		e i i	eed/Mustard using sticker.
	esting		Harvest during clear/dry	
Soybean	Sowing		Sowing of treated quality	y seeds may be done,
Black gram	Sowing		Sowing of treated quality	y seeds may be done
VEGETABLES	, ,			
Potato	Vegetative stage/	Late blight/	Avoid harvesting	
	Harvesting stage	Red ant		d crops in a cool, well ventilated place/
				ring as dampness promotes early
			spoilage.Pagularly monitor again	st the disease symptoms. Prominent
			•••	, dark, circular to irregular shaped lesion
			in the leaves	, auni, encontra to megunar shaped resion
			Prophylactic spraying of	f Mancozeb @ 2 gram per 4 litres of
			water is advised using s	tickers in case of rainfall
Cabbage/	Harvesting		Harvest mature crop.	
Cauliflower			Constantly monitor age	ainst attack of insects pests/mole.
HORTICULTUR			• -	
Khasi Mandarin	After harvesting/	Phytophthora/	 Remove water sprouts in 	
	transplanting	Leaf eating		y Metalaxyl MZ $72@2.75g/lit$ or fosetyl on the tree covering the whole plant
		caterpillar	canopy against Phytoph	č 1
				pray Dimethoate 30EC@1ml/l of water.
Kiwi	Pruning/Training			anches should be removed.
			Pruning should be don	e retaining 8-10 buds per branch for
			enhancing new flush ar	nd flowering.
			Pruned healthy hard w	ood of pencil thickness size having 4-
			5 buds can be used as c	cutting for propagation
LIVESTOCKS				
Livestock	Stage	Disease	•	Practices to be followed
Poultry	All stages		-	nikhet at 4 days of birth & booster dose
			after 1 month of age.	
Goat	All		Deworming	
			Provide dry bedding	
Fish	-			for introducing to the ponds,
Contact Sci	ientists (ICAR) or Stat	e Agril Staff or KVK	or measures aga <mark>inst adverse co</mark> r	nditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22

Dated: Friday, 15th March 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 20 th March 2019
Daporijo: 1.2 mm	Mostly/partly cloudy with possibility of moderate rain. Daily maximum
	and minimum temperature for the following period is predicted to be 24.0-
	27.0°C and 17.0-21.0°C respectively. Expected morning and evening relative
	humidity will be 82-89% and 53-76% respectively. Wind direction is mainly
	WNW & NW with average wind speed range of 3.0 -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
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	·		·
Jhum Rice	Land preparation		 Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties.
Maize	Sowing/ germination		 Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing. Sowing recommended Provide proper arrangement for drainage
Toria/ Mustard	Mature/ Harvesting	Aphid	 Harvesting of mature crop, Proper sun-drying of harvested crop Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers
EGETABLES			
Cucurbits French Bean	Nursery/Sowing Sowing		 Prepare nursery in shaded area Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. In present weather conditions, sowing of quality seeds may be done,
HORTICULT	URAL CROPS		Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
	Stage	Disease	Due continuous Due stings to be followed
Livestock Cattle	Stage All Growth	Disease	 Precautionary Practices to be followed Provide less ventilation to avoid heat loss Keep cattle clean and dry so that they stay warm, Deworming
Pig	Pigs/ Piglets	4 A 1 C/4 - 00 1 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	 Deworning The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. K staff for measures against adverse conditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 16th to 20th March 2019)

No: AMFU-Basar/2019/22

Dated: Friday, 15th March 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 20 th March 2019
Rainfall = Bomdila: NA ; Bhalukpong: 0.0 mm;	Mostly sunny/partly cloudy with possibility of light rain. Daily maximum
Kalaktang: 0.0 mm	and minimum temperature for the following period is predicted to be 24.0-
	25.0°C and 12.0-14.0°C respectively. Expected morning and evening relative
	humidity will be 63-69% and 36-44% respectively. Wind direction is mainly
	SSE & S wind speed range of 6.0-7.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lightning is very
	likely to occur at isolated places over Arunachal Pradesh.

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				
Toria/ Mustard	Seed formation/harv esting	Aphids	 In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker. Harvest during clear/dry days 	
Soybean	Sowing		Sowing of treated quality seeds may be done,	
Black gram	Sowing		 Sowing of treated quality seeds may be done 	
VEGETABLES	, <u> </u>			
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	 Avoid harvesting Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage. Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall 	
Cabbage/	Harvesting		 Harvest mature crop. 	
Cauliflower			Constantly monitor against attack of insects pests/mole.	
HORTICULTUR	AL CROPS			
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	 Remove water sprouts in Khasi mandarin. During sunny days, spray Metalaxyl MZ <u>72@2.75g/lit</u> or fosetyl <u>A1@2.5g/lit</u> fungicide on the tree covering the whole plant canopy against Phytophthora. During clear/dry days, spray Dimethoate 30EC@1ml/l of water. 	
Kiwi	Pruning/Training		 During create any adjo, opticy Dimethodic Code Committee water 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	
Poultry	All stages		 Vaccination against Ranikhet at 4 days of birth & booster dose after 1 month of age. 	
Goat	All		 Deworming Provide dry bedding 	
Fish	-		 Fingerlings - keep ready for introducing to the ponds, 	

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: 16th to 20th March 2019)

No: AMFU-Basar/2019/22

Dated: Friday, 15th March 2019



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 20 th March 2019
Rainfall: 1.8 mm, Max. T: 26.3°C, Min. T: 11.3°C, Wind Speed 4.6 km/h BH: 40.95% Wind	Partly cloudy with possibility of light/moderate rain. Daily maximum and
Wind Speed: 4-6 km/h, RH: 49-95%, Wind Direction: NE & NNE	minimum temperature for the following period is predicted to be 25.0-28.0°C and 17.0-20.0°C respectively. Expected morning and evening relative
	humidity will be 84-93% and 47-70% respectively. Wind direction is mainly
	WNW & NW with average wind speed range of 4.0-5.0 kmph.
Warning:	Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.

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 preparation		 Arrangement of quality seeds, Make structures to avoid runoff in the slope, ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 & 4 in Jhum apart from the local varieties. 	
Maize	Sowing/ germination		 Procure good quality certified seeds, Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing. Sowing recommended Provide proper arrangement for drainage 	
Toria/ Mustard	Mature/ Harvesting	Aphid	 Harvesting of mature crop, Proper sun-drying of harvested crop Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers 	
EGETABLES				
Cucurbits	Nursery/Sowing		 Prepare nursery in shaded area Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. 	
French Bean	Sowing		 In present weather conditions, sowing of quality seeds may be done, Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. 	
HORTICULT	URAL CROPS			
Citrus LIVESTOCKS	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel. 	
Livestock	Stage	Disease	Precautionary Practices to be followed	
Cattle	All Growth	Discase	 Provide less ventilation to avoid heat loss Keep cattle clean and dry so that they stay warm, Deworming 	
Pig Contact Sci	Pigs/ Piglets	te Agril Stoff or KVK	 Detworning The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. Staff for measures against adverse conditions or call at 03795-226237/226247 	