

District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 12th to 16th June 2019)

No: AMFU-Basar/2019/46

Dated: Tuesday, 11th June 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 16 th June 2019
Daporijo: 9.2 mm	Partly/mostly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27.0-30.0°C and 22.0-23.0°C respectively. Expected morning and evening
	relative humidity will be 85-96% and 39-54% respectively. Wind direction
	is mainly NNW with average wind speed range of 5.1 -7.1 kmph.
Warning:	• NIL

- 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
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown) Jhum Rice	Nursery/ Seeding/ transplanting Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot	 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields On clear/dry days, spray carbendazim @ 2gm/lit water in
Maize	Silking	Soybean looper/Stem borer	 jhum field against leaf blast & leaf spot. Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,
VEGETABLE	S		
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly/ Late Blight	 Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly <i>etc.</i> at 15 daysinterval for 2-3 times. Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside.
HORTICULT	URAL CROPS		
Large cardamom		Stem borer/ shoot fly/ tea mosquito bug	 Application of COC @ 0.25% at monthly interval for management of flower and capsule rot. Application of neem oil (1500 ppm) @ 5 ml/litre for management of stem borer/ shoot fly/ tea mosquito bug at 15 days interval for 2-3 times.
LIVEST	OCK and POULT	ſRY	
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle/ Goat/ Sheep	All stages		 Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat. Breeding of the sheep/goat should be done 24-30 hr after observation of heat. Feeding of concentrate feed along with jaggery, mineral mixture and salt. Periodic application of fly repellents and/or netting of dung pit are recommended.



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Arunachal Pradesh

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Dated: Tuesday, 11th June 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 16 th June 2019
Rainfall = Bomdila: 0.0 mm ; Bhalukpong: 85.8	Mostly cloudy with possibility of moderate rain. Daily maximum and
mm; Kalaktang: 0.0 mm	minimum temperature for the following period is predicted to be 25.0-
	27.0°C and 18.0-19.0°C respectively. Expected morning and evening relative
	humidity will be 85-96% and 44-64% respectively. Wind direction is mainly
	NW wind speed range of 4.8-7.5 kmph.
WARNING:	

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- 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

base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.			DETAILS OF	ADVISORIES FOR THE PERIOD
Rice Transplanting/ Leaf clongation Yellow stem borcr/ Leaf Blast Software Maintain adequate moisture level in the transplanting rice Maintain adequate moisture level in the transplanted rice field, Maintain adequate moisture level in the transplanting rice Maintain adequate moisture level in the transplanting rice Maintain adequate moisture level in the transplanting rice Maintain adequate moisture level in the transplanting rice Maintain adequate moisture level in the transplanting rice Cutting of upper portions of leaves of seedlings hefore transplanting helps in management of stem borer Jhum rice Leaf Leaf blast/leaf On clear/dry day, sympa carhendazim @ 2, gram per litre of water three spraying at 10 days interval, Jhum rice Leaf Leaf blast/leaf On clear/dry day, sympa carhendazim @ 2, grawlit water in jhum field against leaf blast & leaf spot. Jhum rice Leaf Fruit Fly Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Cucurbits Flowering/ Fruiting Fruit Fly Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Cucurbits Fruiting Trunk borer & Regular monitoring, collection and destruction of bectles. HORTICULTURAL CROPS * Proper drainage should be ensured. Hand weeding at 15 days interval.	Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Leaf elongation borer/ Leaf Blast 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, * Transplanting of seedlings may be done in well puddled WRC field, * Cutting of upper portions of leaves of seedlings before transplanting helps in management of Blast, spraying of Carbendzzim @ 2 gram per litre of water or Eudoff M45 @ 2.5 gram per litre of water three spraying at 10 days interval. Jhum rice Leaf elongation/ tillering Leaf blast/leaf Jhum rice Leaf elongation/ tillering Leaf blast leaf spot * Strengthen the bund to protect from heavy rain. Don't allow the water to stand. * VEGETABLES * * Cucurbits Flowering/ Fruiting Fruit Fly White fly/ blister bectle * Output Fruit Riv Miter hout bore * * Citrus Fruiting Trunk borer * * Regular monitoring, collection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, eleaning and insertion of couton soaked in kerosene and plastered with clay and cowdung mixture. Ginger Vegetative Soft-root * Forest litter should be ensured. Hand weeding at 15 days interval. * Porterking with COC @ 0.25% at 7	FIELD CROP	S		
Jhum rice Leaf Leaf blast/ leaf Sol On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. willering spot spot Strengthen the bund to protect from heavy rain. Don't allow the water to stand. VEGETABLES Keep the surrounding clean/ weed-free to avoid disease/pest harboring VEGETABLES Flowering/ Fruit Fly Villering White fly/ blister beetle blister beetle Proper drainage should be ensured. Keep the agular monitoring, collection and desp turying of infected fruit. Installation of pheromone traps. blister beetle Proper drainage should be ensured. Keep the agular monitoring, collection and destruction of beetles. HORTICULTURAL CROPS Fruiting Citrus Fruiting Trunk borer Ginger Vegetative Soft-root Vegetative Soft-root Proper drainage should be collected and used as mulching material. Citrus Soft-root Proper drainage should be collected and used as mulching material. Ginger Vegetative Soft-root Proper drainage should be collected and used as mulching material. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for ma	Rice		borer/	 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval,
Cucurbits Flowering/ Fruiting Fruit Fly White fly/ blister beetle Fruit Fly White fly/ blister beetle Collection and deep burying of infected fruit. Installation of pheromone traps. HORTICULTURAL CROPS Proper drainage should be ensured. Hand weeding at 15 days interval. Citrus Fruiting Trunk borer Regular monitoring, collection and destruction of beetles. HORTICULTURAL CROPS Trunk borer Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture. Ginger Vegetative Soft-root Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Hand weeding at 15 days interval. Itvestock Stage Disease Proper drainage should be ensured. Poultry All stages Coccidiosis, Ranikhet disease Ranikhet disease Ranikhet vaccination at 5th day and at 30th day of age. Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.	Jhum rice	elongation/		 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest
FruitingWhite fly/ blister beetlepheromone traps.Proper drainage should be ensured.Proper drainage should be ensured.Hand weeding at 15 days interval.Regular monitoring, collection and destruction of beetles.HORTICULTURAL CROPSCitrusFruitingTrunk borer*Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.GingerVegetativeSoft-root*Forest litter should be collected and used as mulching material.Proper drainage should be ensured.Hand weeding at 15 days interval.Proper drainage should be ensured.GingerVegetativeSoft-root*ItvestockStageDiseasePoultryAll stagesCoccidiosis, Ranikhet disease*Ranikhet diseaseCoccidiosis, Ranikhet disease*Ranikhet diseaseCoccidiosis.*Ranikhet diseaseInclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.	VEGETABLE	S		
HORTICULTURAL CROPS Citrus Fruiting Trunk borer	Cucurbits	-	White fly/	 pheromone traps. Proper drainage should be ensured. Hand weeding at 15 days interval.
Citrus Fruiting Trunk borer Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture. Ginger Vegetative Soft-root Forest litter should be collected and used as mulching material. Wegetative Soft-root Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot. Livestock Stage Disease Precautionary Practices to be followed Poultry All stages Coccidiosis, Ranikhet disease Ranikhet disease Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.	HORTICULT	URAL CROPS		• Regular monitoring, concerton and destruction of beetles.
 Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot. LIVESTOCKS Livestock Stage Disease Precautionary Practices to be followed Poultry All stages Coccidiosis, Ranikhet disease Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. 	Citrus		Trunk borer	base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and
LivestockStageDiseasePrecautionary Practices to be followedPoultryAll stagesCoccidiosis, Ranikhet disease* Ranikhet vaccination at 5th day and at 30th day of age.PoultryAll stagesCoccidiosis, Ranikhet disease* Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.	Ginger	Vegetative	Soft-root	 Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for
PoultryAll stagesCoccidiosis, Ranikhet diseaseRanikhet vaccination at 5th day and at 30th day of age.PoultryAll stagesCoccidiosis, Ranikhet diseaseInclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.	LIVESTOCK	KS		
PoultryAll stagesCoccidiosis, Ranikhet diseaseRanikhet vaccination at 5th day and at 30th day of age.PoultryAll stagesCoccidiosis, Ranikhet diseaseInclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.	Livestock	Stage	Disease	Precautionary Practices to be followed
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247	Poultry	_	Ranikhet	 Ranikhet vaccination at 5th day and at 30th day of age. Inclusion of turmeric powder @ 10g/kg feed for prevention of
	Contact S	cientists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247

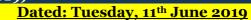


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Arunachal Pradesh

(Period: 12th to 16th June 2019)

No: AMFU-Basar/2019/46





Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: WEST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 16 th June 2019
Rainfall: 70.4 mm, Max. T: 29.2°C, Min. T: 21.1°C, Wind Speed: 3-6 km/h, RH: 47-98%, Wind Direction: NE & SSW	Partly/mostly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-31.0°C and 24.0-25.0°C respectively. Expected morning and evening relative humidity will be 84-98% and 40-60% respectively. Wind direction is mainly NNW with average wind speed range of 4.8-6.4 kmph.
Warning:	NIL

- 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			
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown) Jhum Rice	Nursery/ Seeding/ transplanting Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot	 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Silking	Soybean looper/Stem borer	 Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,
VEGETABLES	S		
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly/ Late Blight	 Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly <i>etc.</i> at 15 daysinterval for 2-3 times. Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside.
HORTICULT	URAL CROPS		auring clearfury augs in case of grown outsider
Large cardamom	Flowering/ fruiting	Stem borer/ shoot fly/ tea mosquito bug	 Application of COC @ 0.25% at monthly interval for management of flower and capsule rot. Application of neem oil (1500 ppm) @ 5 ml/litre for management of stem borer/ shoot fly/ tea mosquito bug at 15 days interval for 2-3 times.
LIVEST	OCK and POULT	ſRY	
Livestock Cattle/ Goat/ Sheep	Stage All stages	Disease	 Precautionary Practices to be followed Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat. Breeding of the sheep/goat should be done 24-30 hr after observation of heat. Feeding of concentrate feed along with jaggery, mineral mixture and salt. Periodic application of fly repellents and/or netting of dung pit are recommended.
Contact Sch	chusts (reativ) of stat	WASH Stall OF KVK	is and the measures against autorise conditions of can at 03/73-22023//22024/

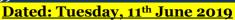


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Arunachal Pradesh

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

ADVISORY FOR DISTRICT: ANJAW

{Hawai: Latitude: 28.22/ Longitude: 94.72/Altitude: 1296 m amsl}

Weather summery of the previous week	Weather forecast valid up to 16 th June 2019
No weather summary available	Partly/Mostly cloudy with possibility of light to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 25.0-26.0°C and 17-18.0°C respectively. Expected morning and evening
	relative humidity will be 83-94% and 38-69% respectively. Wind direction
	is mainly ENE & E with average wind speed range of 4.9-7.3 kmph.
Warning:	♦ NIL

- * 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			
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Collection and deep burying of infected fruit. Installation of pheromone traps. Proper drainage should be ensured. Hand weeding at 15 days interval. Regular monitoring, collection and destruction of beetles.
HORTICULTU	RAL CROPS		
Citrus	Fruiting	Trunk borer	 Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot.
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	 Ranikhet vaccination at 5th day and at 30th day of age. Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.
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: 12th to 16th June 2019) No: AMFU-Basar/2019/46 D





Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: CHANGLANG

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

Weather summery of the previous week	Weather forecast valid up to 16 th June 2019
Rainfall = Changlang: 92.6 mm Miao: 27.8 mm	Partly/mostly cloudy with possibility of moderate to rather heavy rain.
	Daily maximum and minimum temperature for the following period is
	predicted to be 29.0-32.0°C and 23.0-25.0°C respectively. Expected morning
	and evening relative humidity will be 84-97% and 40-89% respectively.
	Wind direction is mainly SE & ESE with average wind speed range of 3.2-
	4.6 kmph.
Warning:	• NIL

- 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
- Right time for digging Jalkunds to harvest rainwater.

	ne for digging Jan		ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	0		
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ Seeding/ transplanting		 Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot	 In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Silking	Soybean looper/Stem borer	 Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,
VEGETABLE	S		
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly/ Late Blight	 Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly <i>etc.</i> at 15 daysinterval for 2-3 times. Spraying of COC @2-3 ml/lit at weekly interval advocated
HORTICULT			during clear/dry days in case of grown outside.
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests	 ❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. ❖ Spray Carbendazim 1ml/lit water against fruit drop in citrus.
LIVEST	OCK and POULT	'RY	
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle/ Goat/ Sheep	All stages		 Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat. Breeding of the sheep/goat should be done 24-30 hr after observation of heat. Feeding of concentrate feed along with jaggery, mineral mixture and salt.
			 Periodic application of fly repellents and/or netting of dung pit are recommended.
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	K staff for measures against adverse conditions or call at 03795-226237/226247



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Dated: Tuesday, 11th June 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 16 th June 2019
Rainfall = NA	Partly/mostly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 28.0-29.0°C and 23.0-24.0°C respectively. Expected morning and evening
	relative humidity will be 83-96% and 34-63% respectively. Wind direction
	is mainly ESE & E with average wind speed range of 5.9-8.1 kmph.
Warning:	• NIL

- 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			
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Collection and deep burying of infected fruit. Installation of pheromone traps. Regular monitoring, collection and destruction of beetles.
HORTICULTU	RAL CROPS		
Citrus	Fruiting	Trunk borer	 Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot.
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	 Ranikhet vaccination at 5th day and at 30th day of age. Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



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Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: EAST KAMENG

Weather forecast valid up to 16 th June 2019
Partly/mostly cloudy with possibility of light/moderate rain. Daily
maximum and minimum temperature for the following period is predicted to
be 25-27°C and 18.0-19.0°C respectively. Expected morning and evening
relative humidity will be 80-94% and 42-61% respectively. Wind direction
is mainly variable with average wind speed range of 4.4-6.6 kmph.
• NIL

- 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				
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot		On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15 th , 30 th & 50 th day after transplanting in rice.
Rice (normal sown)	Nursery/ Seeding/ transplanting			Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot		In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Silking	Soybean looper/Stem borer		Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,
VEGETABLE	S			
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly/ Late Blight		Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly <i>etc.</i> at 15 daysinterval for 2-3 times. Spraying of COC @2-3 ml/lit at weekly interval advocated
				during clear/dry days in case of grown outside.
HORTICULT	URAL CROPS			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests		For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus.
Large cardamom	Flowering/ fruiting	Stem borer/ shoot fly/ tea mosquito bug	*	Application of COC @ 0.25% at monthly interval for management of flower and capsule rot. Application of neem oil (1500 ppm) @ 5 ml/litre for management of stem borer/ shoot fly/ tea mosquito bug at 15 days interval for 2-3 times.
LIVEST	OCK and POULT	TRY		
Livestock	Stage	Disease	Precau	tionary Practices to be followed
Cattle/ Goat/ Sheep	All stages		* * *	Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat. Breeding of the sheep/goat should be done 24-30 hr after observation of heat. Feeding of concentrate feed along with jaggery, mineral mixture and salt. Periodic application of fly repellents and/or netting of dung pit
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	staff for 1	are recommended. neasures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 12th to 16th June 2019)

No: AMFU-Basar/2019/46



Dated: Tuesday, 11th June 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 16 th June 2019
Rainfall: 112.7 mm; T. Max: 34.0°C; T. Min:	Partly/mostly cloudy with possibility of light to rather heavy rain. Daily
23.0°C ; RH: 73-98%	maximum and minimum temperature for the following period is predicted to
	be 28.0-31.0°C and 24.0-25.0°C respectively. Expected morning and evening
	relative humidity will be 78-95% and 35-71% respectively. Wind direction
	is mainly W & WNW with average wind speed range of 4.4-5.4 kmph.
Warning:	• NIL

GENERAL RECOMMENDATIONS

• Monitor for possible attack of insects/pests

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

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

Check of vaccination schedule in pourtry/livestock DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15 th , 30 th & 50 th day after transplanting in rice.
Rice (normal sown)	Nursery/ Seeding/ transplanting		*	Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot	*	In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Silking	Soybean looper/Stem borer	*	Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,
VEGETABLE	S			
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly/ Late Blight	*	Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly <i>etc.</i> at 15 daysinterval for 2-3 times. Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside.
HORTICULT	URAL CROPS		1	
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests		For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus.
Large cardamom	Flowering/ fruiting	Stem borer/ shoot fly/ tea mosquito bug	*	Application of COC @ 0.25% at monthly interval for management of flower and capsule rot. Application of neem oil (1500 ppm) @ 5 ml/litre for management of stem borer/ shoot fly/ tea mosquito bug at 15 days interval for 2-3 times.
LIVEST	OCK and POULT	ſŔŶ		
Livestock	Stage	Disease	Precau	tionary Practices to be followed
Cattle/ Goat/ Sheep	All stages		*	Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat. Breeding of the sheep/goat should be done 24-30 hr after observation of heat. Feeding of concentrate feed along with jaggery, mineral mixture and salt.

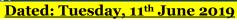


District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 12th to 16th June 2019)

No: AMFU-Basar/2019/46





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

ADVISORY FOR DISTRICT: KURUNG KUMEY {Koloriang: Latitude: 27.9167°/Longitude: 93.3500°/Altitude: 1040 masl}

Weather summery of the previous week	Weather forecast valid up to 16 th June 2019
Rainfall (Koloriang): 32.1 mm	Partly/Mostly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 25.0-26.0°C and 17.0-18.0°C respectively. Expected morning and evening
	relative humidity will be 83-94% and 42-55% respectively. Wind direction
	is mainly W & WSW with average wind speed range of 5.2-6.7 kmph.
Warning:	• NIL

- 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					
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, 		
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 Dis-control using cloves and ginger is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring 		
VEGETABLES					
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Collection and deep burying of infected fruit. Installation of pheromone traps. Proper drainage should be ensured. Hand weeding at 15 days interval. Regular monitoring, collection and destruction of beetles. 		
HORTICULTU	RAL CROPS				
Citrus	Fruiting	Trunk borer	 Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture. 		
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot. 		
LIVESTOCKS	5				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages	Coccidiosis, Ranikhet disease	 Ranikhet vaccination at 5th day and at 30th day of age. Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. 		
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: 12th to 16th June 2019)

No: AMFU-Basar/2019/46



Dated: Tuesday, 11th June 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 16 th June 2019
Rainfall: 53.6 mm (Tezu)	Mostly cloudy with possibility of moderate to rather heavy rain after
	13 th June. Daily maximum and minimum temperature for the following
	period is predicted to be 28.0-31.0°C and 24.0-25.0°C respectively. Expected
	morning and evening relative humidity will be 65-91% and 31-67%
	respectively. Wind direction is mainly E & ENE average wind speed range
	of 4.2-6.9 kmph.
Warning	• NIL

- 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	ADVISO	RIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15 th , 30 th & 50 th day after transplanting in rice.
Rice (normal sown) Jhum Rice	Nursery/ Seeding/ transplanting Stem elongation/	Leaf blast/ leaf	* *	Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice In upland rice, spraying of 1% DAP on clear/dry days
	panicle initiation/ booting	spot	*	recommended to increase the numbers of effective tillers and yields On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Silking	Soybean looper/Stem borer	*	Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,
VEGETABLE	S			
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly/ Late Blight	*	Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly <i>etc.</i> at 15 daysinterval for 2-3 times. Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside.
HORTICULT	URAL CROPS		J	during clear, ary days in case of grown outsides
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests		For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus.
Large cardamom	Flowering/ fruiting	Stem borer/ shoot fly/ tea mosquito bug	*	Application of COC @ 0.25% at monthly interval for management of flower and capsule rot. Application of neem oil (1500 ppm) @ 5 ml/litre for management of stem borer/ shoot fly/ tea mosquito bug at 15 days interval for 2-3 times.
LIVEST	OCK and POULT	ſRY		
Livestock	Stage	Disease	Precau	tionary Practices to be followed
Cattle/ Goat/ Sheep	All stages		*	Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat. Breeding of the sheep/goat should be done 24-30 hr after observation of heat.



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Arunachal Pradesh

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<u>No: AMFU-Basar/2019/46</u>

Dated: Tuesday, 11th June 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 16 th June 2019
Rainfall (Roing): 92.1 mm	Partly/Mostly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 28.0-29.0°C and 23.0-24.0°C respectively. Expected morning and evening
	relative humidity will be 75-93% and 32-66% respectively. Wind direction
	is mainly SE with average wind speed range of 5.0-7.4 kmph.
Warning:	• NIL

GENER	AL RECOMMEN	NDATIONS		
Monitor for possible attack of insects/pests				
 Applicat 	ion of fertilizers/r	nanure can be do	ne during clear/dry days	
 Proper d 	lrainage to all cro	p to avoid runoff		
Check of	f vaccination sche			
			ADVISORIES FOR THE PERIOD	
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice. 	
Rice (normal	Nursery/		 ♦ Rice: Weed free & clean nursery periphery to prevent 	
sown)	Seeding/ transplanting		 disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 	
II D'	Q. 1	X C11 //1 C	2ml/10lit water for 12 hrs before transplanting rice	
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot	 In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. 	
Maize	Silking	Soybean	 Monitor the crop against attack of insect pests & avoid water 	
	C	looper/Stem borer	 stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, 	
VEGETABLE	S			
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly/ Late Blight	 Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly <i>etc.</i> at 15 daysinterval for 2-3 times. Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. 	
HORTICULT	URAL CROPS			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests	 For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus. 	
Large cardamom	fruiting	Stem borer/ shoot fly/ tea mosquito bug	 Application of COC @ 0.25% at monthly interval for management of flower and capsule rot. Application of neem oil (1500 ppm) @ 5 ml/litre for management of stem borer/ shoot fly/ tea mosquito bug at 15 days interval for 2-3 times. 	
LIVEST	OCK and POULT	ſŔŶ		
Livestock	Stage	Disease	Precautionary Practices to be followed	
Cattle/ Goat/ Sheep	All stages		 Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat. 	

and salt.

observation of heat.

Breeding of the sheep/goat should be done 24-30 hr after

• Feeding of concentrate feed along with jaggery, mineral mixture

Periodic application of fly repellents and/or netting of dung pit





District Level Agro-met Advisory Bulletin (Period: 12th to 16th June 2019)

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Dated: Tuesday, 11th June 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 16 th June 2019
Ziro: 3.0 mm	Partly/Mostly cloudy with possibility light to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27.0-30.0°C and 22.0-23.0°C respectively. Expected morning and evening
	relative humidity will be 81-96% and 40-62% respectively. Wind direction
	is mainly WNW & NW with average wind speed range of 4.1-5.8 kmph.
Warning:	• NIL

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				
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, 	
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring 	
VEGETABLES				
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Collection and deep burying of infected fruit. Installation of pheromone traps. Proper drainage should be ensured. Hand weeding at 15 days interval. Regular monitoring, collection and destruction of beetles. 	
HORTICULTU	RAL CROPS			
Citrus	Fruiting	Trunk borer	 Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture. 	
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot. 	
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Poultry	All stages	Coccidiosis, Ranikhet disease	 Ranikhet vaccination at 5th day and at 30th day of age. Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. 	
Contact Scientists	s (ICAR) or State A	gril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247	



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Arunachal Pradesh (Period: 12th to 16th June 2019)

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Dated: Tuesday, 11th June 2019

Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: PAPUM PARE

Weather summery of the previous week	Weather forecast valid up to 16 th June 2019
Rainfall: 92.0 mm; T. Max: 35.0°C; T. Min:	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
24.0°C ; RH: 77-95%	maximum and minimum temperature for the following period is predicted to
	be 29.0-32.0°C and 23.0-25.0°C respectively. Expected morning and evening
	relative humidity will be 84-93% and 47-70% respectively. Wind direction
	is mainly variable with average wind speed range of 4.0-5.9 kmph.
Warning:	• NIL

- 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						
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot	* *	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15 th , 30 th & 50 th day after transplanting in rice.		
Rice (normal sown)	Nursery/ Seeding/ transplanting			Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice		
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot	*	In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.		
Maize	Silking	Soybean looper/Stem borer		Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,		
VEGETABLE	S					
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly/ Late Blight	*	Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly <i>etc.</i> at 15 daysinterval for 2-3 times. Spraying of COC @2-3 ml/lit at weekly interval advocated		
				during clear/dry days in case of grown outside.		
HORTICULT Lemon/other citrus fruits	URAL CROPS Fruiting	Fruit drop/ insect pests		For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus.		
Large cardamom	Flowering/ fruiting	Stem borer/ shoot fly/ tea mosquito bug	*	Application of COC @ 0.25% at monthly interval for management of flower and capsule rot. Application of neem oil (1500 ppm) @ 5 ml/litre for management of stem borer/ shoot fly/ tea mosquito bug at 15 days interval for 2-3 times.		
LIVEST	OCK and POULT	ſRY				
Livestock	Stage	Disease	Preca	utionary Practices to be followed		
Cattle/ Goat/ Sheep	All stages		* * *	Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat. Breeding of the sheep/goat should be done 24-30 hr after observation of heat. Feeding of concentrate feed along with jaggery, mineral mixture and salt. Periodic application of fly repellents and/or netting of dung pit		
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	<mark>S staff for</mark>	are recommended. measures against adverse conditions or call at 03795-226237/226247		



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Arunachal Pradesh

(Period: 12th to 16th June 2019)

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

ADVISORY FOR DISTRICT: TAWANG

Weather summery of the previous week	Weather forecast valid up to 16 th June 2019
Rainfall: 1.4 mm	Mostly sunny cloudy with possibility of light rain. Daily maximum and
	minimum temperature for the following period is predicted to be 15.0-
	16.0°C and 8.0-9.0°C respectively. Expected morning and evening relative
	humidity will be 92-94% and 38-49% respectively. Wind direction is mainly
	E & SE with average wind speed range of 6.1-7.7 kmph.
Warning:	• NIL

- 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	ADVIS	SORIES	FOR	THE	PERIOD	

FIELD CROPS			
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES	5		
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Collection and deep burying of infected fruit. Installation of pheromone traps. Proper drainage should be ensured. Hand weeding at 15 days interval. Regular monitoring, collection and destruction of beetles.
HORTICULTU			
Citrus	Fruiting	Trunk borer	Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot.
LIVESTOCK	S		
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	 Ranikhet vaccination at 5th day and at 30th day of age. Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.
Contact Scientis	ts (ICAR) or State A	agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247

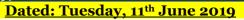




District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 12th to 16th June 2019)

No: AMFU-Basar/2019/46





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

ADVISORY FOR DISTRICT: TIRAP

Weather summery of the previous week	Weather forecast valid up to 16 th June 2019
Rainfall: NA	Partly/mostly cloudy with possibility of moderate to rather heavy rain.
	Daily maximum and minimum temperature for the following period is
	predicted to be 29.0-32.0°C and 23.0-25.0°C respectively. Expected morning
	and evening relative humidity will be 86-97% and 46-76% respectively.
	Wind direction is mainly ESE & SE with average wind speed range of 2.9-
	4.6 kmph.
Warning:	• NIL

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

	DETAILS OF ADVISORIES FOR THE PERIOD					
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS						
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot	* *	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyriphos 20EC ?@ 2ml/lit water at 15 th , 30 th & 50 th day after transplanting in rice.		
Rice (normal sown)	Nursery/ Seeding/ transplanting			Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice		
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot	*	In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.		
Maize	Silking	Soybean looper/Stem borer	*			
VEGETABLE			T			
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly/ Late Blight	*	Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly <i>etc.</i> at 15 daysinterval for 2-3 times. Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside.		
HORTICULT	URAL CROPS					
Large cardamom		Stem borer/ shoot fly/ tea mosquito bug	*	Application of COC @ 0.25% at monthly interval for management of flower and capsule rot. Application of neem oil (1500 ppm) @ 5 ml/litre for management of stem borer/ shoot fly/ tea mosquito bug at 15 days interval for 2-3 times.		
LIVEST	OCK and POUL	ſŔŶ				
Livestock	Stage	Disease	Precau	itionary Practices to be followed		
Cattle/ Goat/ Sheep	All stages		*	Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat. Breeding of the sheep/goat should be done 24-30 hr after observation of heat. Feeding of concentrate feed along with jaggery, mineral mixture and salt.		
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	<mark>K staff for</mark> 1	measures against adverse conditions or call at 03795-226237/226247		



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 12th to 16th June 2019)

No: AMFU-Basar/2019/46

Dated: Tuesday, 11th June 2019



Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: UPPER SIANG

Weather forecast valid up to 16 th June 2019
Partly/mostly cloudy with possibility of light/moderate rain. Daily
maximum and minimum temperature for the following period is predicted to
be 25.0-26.0°C and 17.0-19.0°C respectively. Expected morning and evening
relative humidity will be 82-97% and 38-60% respectively. Wind direction
is mainly SW with average wind speed range of 5.2-6.9 kmph.
• NIL

- 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 Transplanting/ Leaf elongation Yellow stem borer/ Leaf Blast * Follow seedling root-dip treatment in chlorpyriphos 20 2ml/10lit water for 12 hrs before transplanting rice Rice Transplanting/ Leaf elongation Yellow stem borer/ Leaf Blast * Follow seedling root-dip treatment in chlorpyriphos 20 2ml/10lit water for 12 hrs before transplanting rice Maintain adequate moisture level in the transplanted r field, * Transplanting of seedlings may be done in well puddled V field, Transplanting helps in management of Blast, spraying of Carbendazim @ gram per litre of water or Endofil M45 @ 2.5 gram per of water three spraying at 10 days interval, Jhum rice Leaf elongation/ tillering Leaf blast/ leaf spot Jhum rice Leaf VEGETABLES Strengthen the bund to protect from heavy rain. Don' the water to stand. VEGETABLES Flowering/ Fruiting VEGETABLES Fruit Fly blister beetle VEGETABLES Proper drainage should be ensured. Clurus Fruiting Trunk borer Regular monitoring, collection and destruction of beetles. HORTICULTURAL CROPS Regular monitoring for detection of trunk borer infestation base of the trunk is advised. If wooden frass is observed,	
Rice Transplanting/ Leaf elongation Yellow stem borer/ Leaf Blast * Follow seedling root-dip treatment in chlorpyriphos 20 2ml/10lit water for 12 hrs before transplanting rice * Maintain adequate moisture level in the transplanted r field, * Transplanting of seedlings may be done in well puddled V field, * Transplanting helps in management of stem borer * Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer * Jhum rice Leaf elongation/ tillering Leaf blast/leaf spot * On clear/dry days, spray carbendazim @ 2gm/lit water in field against leaf blast & leaf spot. * Strengthen the bund to protect from heavy rain. Don' the water to stand. * Keep the surrounding clean/ weed-free to avoid disea harboring VEGETABLES Flowering/ Fruiting Fruit Fly White fly/ blister beetle * Collection and deep burying of infected fruit. Installation of pheromone traps. HORTICULTURAL CROPS Trunk borer * Regular monitoring for detection of trunk borer infestation base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and	
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plastered with clay and cowdung mixture.	1 at the
Ginger Vegetative Soft-root Soft-root Forest litter should be collected and used as mulching mathematication of the should be ensured. Vegetative Soft-root Hand weeding at 15 days interval. Vegetative Vegetative Proper drainage should be ensured.	erial.
LIVESTOCKS	
Livestock Stage Disease Precautionary Practices to be followed	
Poultry All stages Coccidiosis, Ranikhet disease * Ranikhet vaccination at 5th day and at 30th day of age. * Inclusion of turmeric powder @ 10g/kg feed for prevention coccidiosis.	n of
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247	