(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

District: Lohit

No: 53/2015-16/Fri

Dated: 1st July, 2016



Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall = 19.4 mm (Tezu)	Mostly cloudy sky with possibility of moderate/heavy rainfall. Max Temp=25°C and Min Temp=17°C, RH=63-97%, Wind Speed=3-4
	kmph, Wind direction: E
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
010p	Sugo		FIELD CROPS
Pulses/Ground	Vegetative	Cercospora	Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta
nut	stage	Leaf spot	bettle in soybean
		&	Foliar spray of carbandazim/Mancozab@2gm/lit
		Epicauta	Manual weeding in greengram/blackgram

		bettle	Proper drainage to avoid excess moisture or water logging.
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus deficiency
Wetland Rice	Nursery/ Transplantatio n		Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Upland/ Jhum Rice	Tillering	Leaf Blast	 Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf
			spot. VEGETABES
Summer	Multiple		Dust ash powder in cucurbits
Vegetables	stages		 Use pheromone traps/light traps against brinjal shoot and fruit borer. New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower.
Ginger/turmeric	Vegetative stage	Soft rot	 For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
	1		FRUIT CROPS
Large Cardamom	Flowering stage	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple	Active Vegetative stage		Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m
			x 3m spacing.
		A	GROFORESTRY
			•
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated
Poultry	All stages		 Provide anti-coccidial drugs as preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth &
Fishery			 booster dose after 1 month Right time for stocking of fish fingerlings in fish tank with

		•	stocking density @ 1/m ² Broadcast mustard Oil Cake (MOC) @ 5kg/day over the pond twice daily to feed fish fingerlings
Cattle/Mitlere	EMD	•	Keep the periphery of fish grow-out tank clean
Cattle/Mithun	FMD	•	Vaccination is advocated
		•	Deworming with antihelmintic drugs like oxyclozanide or pyrantel
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

District: Lower Dibang Valley

No: 53/2015-16/Fri

Dated: 1st July, 2016



Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall = (Roing): 37.8 mm	Mostly cloudy sky with possibility of moderate/heavy rainfall. Max
	Temp=26°C and Min Temp=16°C, RH=52-98%, Wind Speed=2-4
	kmph, Wind direction: ESE
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides

• ICAR B	Basar recommen	d poultry variet	ty VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
	<u> </u>		FIELD CROPS
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot & Epicauta bettle	 Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta bettle in soybean Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging.
Wetland Rice	Nursery/ Transplantatio n		Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Upland / Jhum Rice	Tillering	Leaf Blast	 On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot. Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.
Maize	Multiple stages		If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus deficiency
			VEGETABES
Summer Vegetables	Multiple stages		 Dust ash powder in cucurbits Use pheromone traps/light traps against brinjal shoot and fruit borer. New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower
Ginger/Turmeri c	Vegetative	Soft rot	 For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
-			FRUIT CROPS
Large Cardamom	Flowering stage	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple	Active Vegetative		Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching	A	 Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m x 3m spacing. GROFORESTRY
			•
			LWESTOCKS
Livestock	Store	Diagona	LIVESTOCKS Procedutions by Proceedings to be followed
	Stage All stages	Disease	Precautionary Practices to be followed Provide concentrate feed and multi-vitamins
Pigs	All stages		Provide concentrate feed and multi-vitamins

			Vaccination as per the schedule with proper consultation with vet.
			Deworm at regular interval
Poultry	All stages		Provide anticoccidial drugs as preventive dose
			• Vaccinate DOC chicks against RD/F1 on 4 th day after birth
			& booster dose after 1 months.
Fishery			• Right time for stocking of fish fingerlings in fish tank with
			stocking density @ 1/m ²
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Cattle/Mithun	All stages	FMD	Vaccination is advocated
			Deworming with antihelmintic drugs like oxyclozanide or pyrantel.

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

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

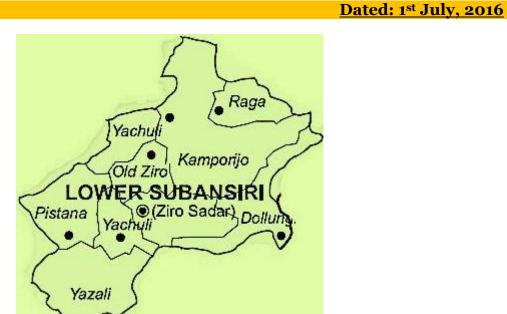




ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Lower Subansiri

No: 53/2015-16/Fri



Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall = NA (Ziro)	Mostly cloudy sky with possibility of light rainfall. Max
	Temp=26°C and Min Temp=15°C, RH=77-98%, Wind Speed=2-3
	kmph, Wind direction: SE
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd
	and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

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Crop	Stage	Pest/Disease		Precautionary Practices to be followed
			FIELD C	ROPS
Wetland Rice	Nursery/ Transplantatio n		ch nu	efore transplanting, follow seedling root-dip treatment in alorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable ursery should be raised inside well covered structure with ised bed.
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot &	be	oray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta ettle in soybean oliar spray of carbandazim/Mancozab@2gm/lit

		Epicauta	Manual weeding in greengram/blackgram
		bettle	Proper drainage to avoid excess moisture or water logging.
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus deficiency
Upland/ Jhum Rice	Tillering	Leaf Blast	• Carry out top dressing in upland rice of 2/3 rd of recommended dose of urea.
			 Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.
			• On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf
			spot
			VEGETABLES
Summer	Multiple		 Dust ash powder in cucurbits
Vegetables	stages		• Use pheromone traps/light traps against brinjal shoot and fruit borer.
			Proper scientific cultural practices to be carried out in all vegetables with all practices are properly as a second of the properly as
			vegetables viz. cleaning, earthing up, weeding, proper drainage etc.
			 New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower.
Ginger/Turmeri c	Vegetative stage	Soft rot	• For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g
			per lit of water.Earthing up of ginger/turmeric along with basal
			application of required fertilizer should be done.
Lorgo	Elovering	Chirkey	FRUIT CROPS
Large Cardamom	Flowering stage	Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages		Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.
			 Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size.
			 Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
			 Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m
Pineapple	Active		x 3m spacing.Remove excess suckers and spray NAA@100ppm to
	vegetative		increase fruit size and improve quality. GROFORESTRY
		A	•
			LIVESTOCKS
Timages -1-	C45.55	Diagana	LIVESTOCKS Draggarting my Proprince to be followed
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet.
			 Deworm at regular interval
ļ			
Poultry	All stages		 Provide anticoccidial drugs as preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth

Fishery			• Right time for stocking of fish fingerlings in fish tank with stocking density @1/m ²
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Cattle/Mithun	All stages	FMD	 Vaccination is advocated Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: -\underbrace{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



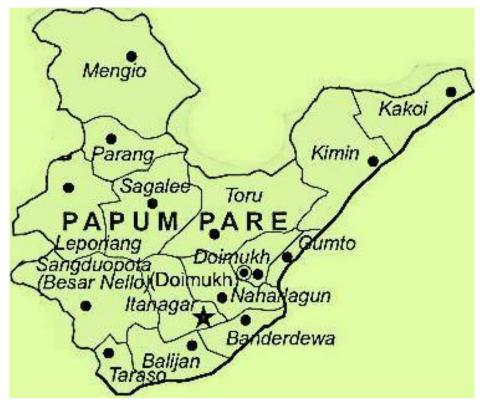


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Papum Pare

No: 53/2015-16/Fri

Dated: 1st July, 2016



Weather summery of the previous week	Weather forecast valid up to , 2016
Rainfall: 53.1 mm; T.Max: 33.0°C; T.Min: 25.0°C; RH: 79-93%	Mostly cloudy weather is forecasted with light/moderate rainfall. Max Temp=29°C and Min Temp=24°C, RH=75-98%, Wind Speed=2-6 kmph, Wind direction: E
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Dulaca/Cross 1	X7 (*	Carre	FIELD CROPS
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot & Epicauta bettle	 Complete earthing up before 45-50 days after sowing. Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta bettle in soybean Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging.
Maize	Multiple stages		 Complete sowing of soybean before July 1st week If bluish-green leaves are observed, apply SSP or DAP along with 2/3rd of Urea to rejuvenate the plant from phosphorus deficiency
Wetland Rice	Nursery/ Transplantatio n		Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Upland/ Jhum Rice	Tillering	Leaf Blast	 Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
			VEGETABLES
Summer Vegetables	Multiple stages		 Dust ash powder in cucurbits Use pheromone traps/light traps against brinjal shoot and fruit borer.
Ginger/Turmeri c	Vegetative	Soft rot	 For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
			FRUIT CROPS
Large Cardamom	Flowering stage	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards Banana	Multiple stages Bunching		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m x
Pineapple	Active vegetative		 3m spacing. Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
All plants		A	Avoid water stagnation
			LIVESTOCKS
Livestock Pigs	Stage All stages	Disease	Precautionary Practices to be followed Provide concentrate feed and multi-vitamins
80	- 111 500505		 Vaccination as per the schedule with proper consultation

			with vet.	
			Deworm at regular interval	
Poultry	All stages		 Provide anticoccidial drugs as preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth & booster dose after 1 month 	
Fishery			 Right time for stocking of fish fingerlings in fish tank with stocking density @ 1/m² Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings 	
Dog		Canine Parvovirus	Vaccinate as per consultation with vet	
Cattle/Mithun		FMD	 Vaccination is advocated Deworming with antihelmintic drugs like oxyclozanide or pyrantel. 	
Contact Scien	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call			

at 03795-226237/226247

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

District: Tawang

No: 53/2015-16/Fri

Dated: 1st July, 2016



Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall = 33.0 mm	Mostly cloudy sky with light rainfall in some places. Max
	Temp=19°C and Min Temp=13°C, RH=71-95%, Wind Speed=2-6
	kmph, Wind direction: ESE
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd
	and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- All spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
	FIELD CROPS				
Pulses/Ground	Vegetative	Cercospora	• Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta		
nut	stage	Leaf spot	bettle in soybean		
		. &	Foliar spray of carbandazim/Mancozab@2gm/lit		
		Epicauta	Manual weeding in greengram/blackgram		
		bettle	 Proper drainage to avoid excess moisture or water logging. 		

			Complete earthing up before 45-50 days after sowing.
Upland / Jhum Rice	Tillering	Leaf Blast	• Carry out top dressing in upland rice of 2/3 rd of recommended dose of urea.
			 Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.
			On clear/sunny days, spray carbendazim @2g/lit water in
			<i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus
			deficiency
			VEGETABLES
Summer	Multiple		• Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
Vegetables	stages		 Use pheromone traps/light traps against brinjal shoot and fruit borer.
			Proper scientific cultural practices to be carried out in all
			vegetables viz. cleaning, earthing up, weeding, proper drainage etc.
Ginger/turmeric	Vegetative	Soft rot	For management of soft rot in ginger: Need based
	stage	2017107	drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water.
			• Earthing up of ginger/turmeric along with basal
			application of required fertilizer should be done.
Orchards	Multiple stages		FRUIT CROPS • Prepare half moon terraces in fruit crops
Orchards	Withtipic stages		(orange/banana/apple/peach) grown in steep slopes to prevent
			nutrient loss during heavy downpour.
			• Follow proper drainage and earthing up practices in low
			land/plain areas to avoid water stagnation in fruit orchards
			Earthing-up and removal of excess suckers in Pineapple
			should be carried out for better plant establishment and anchorage.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size.
			 Remove excess sucker from Banana in mother plant and
			give support in banana bunches to protect falling due to
			heavy weight or storm.
			Sword suckers with stout base, tapering towards the top
			with narrow leaves should be selected for planting at 3m x 3m spacing.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Provide concentrate feed and multi-vitamins
			• Provide proper bedding materials for newly born piglets to
			protect them from cold
			• Vaccination as per the schedule with proper consultation
			with vet.
Poultry	All stages		Deworm at regular interval Provide enticoccidial drugs as preventive dose
Founty	All stages		 Provide anticoccidial drugs as preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth
			& booster dose after 1 months.
Fishery			• Right time for stocking of fish fingerlings in fish tank with
			stocking density @1/m ²
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice doily to feed fish fingerlings
Cattle/Mithun/	All stores	EMD	twice daily to feed fish fingerlings
Yak	All stages	FMD	 Vaccination is advocated Deworming with antihelmintic drugs like oxyclozanide or
			- Deworming with untillenimite drugs like oxyclozallide of

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

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: - \underline{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

District: Tirap

No: 53/2015-16/Fri Dated: 1st July, 2016



Weather summery of the previous week	Weather forecast valid up to 1 st July, 2016
Rainfall = 12.2 mm (Deomali)	Mostly cloudy weather is forecasted for next 2-3 days with
	possibility of light/moderate rainfall in some places. Max
	Temp=26°C and Min Temp=21°C, RH=79-100%, Wind Speed=2-4
	kmph, Wind direction: E
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd
	and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated.
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
			FIELD	OCROPS
Wetland Rice	Nursery/ Transplantatio n		•	Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Maize	Multiple stages		•	If bluish-green leaves are observed, apply SSP or DAP along

			with 2/3 rd of Urea to rejuvenate the plant from phosphorus
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot & Epicauta bettle	 deficiency Complete earthing up before 45-50 days after sowing. Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta bettle in soybean Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging.
Upland / Jhum Rice	Tillering	Leaf Blast	 Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
			VEGETABLES
Summer Vegetables	Multiple stages		 Dust ash powder in cucurbits Use pheromone traps/light traps against brinjal shoot and fruit borer. Proper scientific cultural practices to be carried out in all vegetables viz. cleaning, earthing up, weeding, proper drainage etc. New nursery should be raised inside well covered structure
Ginger/turmeric	Vegetative stage	Soft Rot	 with a raised bed to protect against continuous rain/shower For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
T	Elamaina	Cl.: d	FRUIT CROPS
Large Cardamom	Flowering stage	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Pineapple	Multiple stages		 Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m x 3m spacing.
		A	GROFORESTRY
T • • •	g,	D:	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks.
Poultry	All stages		 Provide anticoccidial drugs as preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth & booster dose after 1 months
Fishery			 Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings

Dog	All stages	Canine	Vaccinate as per consultation with vet		
		Parvovirus	-		
Cattle	All stages	FMD	Vaccination is advocated		
			Deworming with antihelmintic drugs like oxyclozanide or		
			pyrantel.		
Contact Scien	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call				
	at 03795-226237/226247				

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



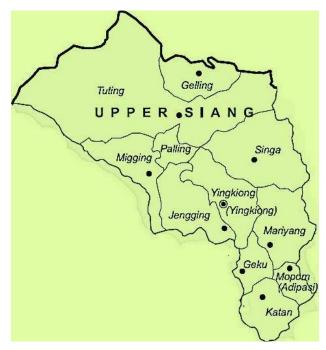


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Upper Siang

No: 53/2015-16/Fri





Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall = Tuting: 80.0 mm	Mostly cloudy weather is forecasted for next 2-3 days with
	possibility of light/moderate rainfall. Max Temp=23°C and Min
	Temp=15°C, RH=60-92%, Wind Speed=2-3 kmph, Wind direction:
	SSE
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot	 Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta settle in soybean Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging. Complete earthing up before 45-50 days after sowing.
Upland Rice	Tillering stage	Leaf Blast	 On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot. Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.
Wetland Rice	Nursery/ Transplantatio n		Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with $2/3^{rd}$ of Urea to rejuvenate the plant from phosphorus deficiency
			VEGETABLES
Summer	Multiple		Dust ash powder in cucurbits
Vegetables	stages		 Use pheromone traps/light traps against brinjal shoot and fruit borer. Proper scientific cultural practices to be carried out in all
			vegetables viz. cleaning, earthing up, weeding, proper drainage etc.
Ginger/turmeric	Vegetative stage	Soft rot	 For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
Lamas	Elemenine	Chimbross	FRUIT CROPS
Large Cardamom	Flowering stage	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple	Vegetative stage		Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m x 3m spacing
		A	GROFORESTRY
			•
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
LIVESTOCK	Buge	Discase	1 recadionary 1 ractices to be followed

Pigs	All stages		 Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval
Poultry	All stages		 Provide anticoccidial drugs as preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth & booster dose after 1 months.
Fishery			 Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Cattle/Mithun	All stages	FMD	Vaccination is advocated

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

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

(Period: 28th June to 1st July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



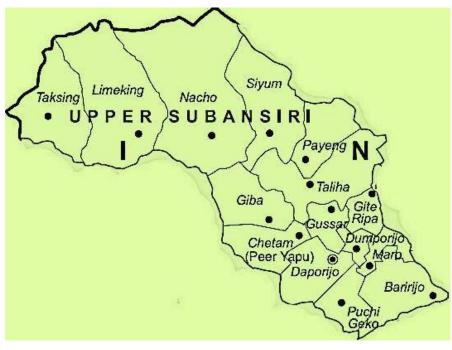


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: 52/2015-16/Tue

Dated: 28th June, 2016



Weather summery of the previous week	Weather forecast valid up to 1 st July, 2016					
Rainfall = 3.0 mm (Puchi Geko); Daporijo:	Mostly cloudy weather is forecasted with possibility of					
15.8 mm	light/moderate rainfall in few places. Max Temp=26°C and Min					
	Temp=16°C, RH=68-97%, Wind Speed=2-3 kmph, Wind direction:					
	SW					
Warning	Heavy to very heavy rainfall is very likely in few places in 2 nd					
	and 3 rd July					

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Avoid spray of insecticides during flowering stage as it may hinder pollination by honey bees and other insects.
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Crop	Stage	resubisease	FIELD CROPS
Wetland Rice	Nursery/ Transplantatio n		Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Upland / Jhum Rice	Tillering stage	Leaf Blast	 Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds. On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Pulses/Ground nut	Vegetative stage Multiple stages	Cercospora Leaf spot	 Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta settle in soybean Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging. Complete earthing up before 45-50 days after sowing. If bluish-green leaves are observed, apply SSP or DAP along with 2/3rd of Urea to rejuvenate the plant from phosphorus deficiency
			VEGETABLES
Summer Vegetables	Multiple stages		 Use pheromone traps/light traps against brinjal shoot and fruit borer. Proper scientific cultural practices to be carried out in all vegetables viz. cleaning, earthing up, weeding, proper drainage etc. New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower.
Ginger/turmeric	Vegetative stage	Soft rot	 For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
_			FRUIT CROPS
Large Cardamom	Flowering stage	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple	Vegetative stage		Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m x 3m spacing.
T	Ctors	Diagona	LIVESTOCKS Process to be followed
	Stage	Disease	Precautionary Practices to be followed
Livestock Pigs	All stages		Provide concentrate feed and multi-vitamins

			Vaccination as per the schedule with proper consultation
			with vet.
			Deworm at regular interval
Poultry	All stages		Provide anticoccidial drugs as preventive dose
			• Vaccinate DOC chicks against RD/F1 on 4 th day after birth
			& booster dose after 1 months.
Fishery			• Right time for stocking of fish fingerlings in fish tank with
			stocking density @1/m ²
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond
			twice daily to feed fish fingerlings
			Keep the periphery of the fish grow-out tank clean
Cattle	All stages	FMD	Vaccination is advocated

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

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

District: West Kameng

No: 53/2015-16/Fri Dated: 1st July, 2016



Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall = Bomdila: 0.0 mm; Bhalukpong:	Mostly cloudy sky with possibility of light/moderate rainfall. Max
42.6 mm	Temp=26°C and Min Temp=17°C, RH=68-96%, Wind Speed=2-4
	kmph, Wind direction: ENE
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd
	and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
			FIELD CROsPS		
Upland / Jhum Rice	Tillering stage	Leaf Blast	 Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. Maintain periphery of nursery field weed free and clean to 		
			prevent disease and pest harboring in weeds.		
			 On clear/sunny days, spray carbendazim @2g/lit water in jhum field to control heavy infestation of leaf blast & leaf spot. 		
Wetland Rice	Nursery/		Before transplanting, follow seedling root-dip treatment in		
Wettand Tues	Transplantatio n		chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.		
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot	 Complete earthing up before 45-50 days after sowing Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta settle in soybean 		
			Foliar spray of carbandazim/Mancozab@2gm/lit Manual wooding in groungram/blockgrom		
			 Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging. 		
Maize	Multiple		If bluish-green leaves are observed, apply SSP or DAP along		
1120120	stages		with 2/3 rd of Urea to rejuvenate the plant from phosphorus		
			deficiency VEGETABLES		
Summer	Multiple		Dust ash powder in cucurbits.		
Vegetables	stages		 Use pheromone traps/light traps against brinjal shoot and fruit borer. 		
			Proper scientific cultural practices to be carried out in all vegetables viz. cleaning, earthing up, weeding, proper drainage etc.		
			New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower.		
Ginger/turmeric	Vegetative stage	Soft rot	• For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water.		
			Earthing up of ginger/turmeric along with basal application of required fertilizer should be done. EDITION CROPS		
Large	Flowering	Chirkey	FRUIT CROPS • Remove diseased part & keep inflorescence clean.		
Cardamom	stage	Disease	 Need based spray of broad spectrum fungicide like carbendazim @2g/lit water. 		
Orchards	Multiple stages		Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent		
			 nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low 		
Pineapple	Vegetative stage		 land/plain areas to avoid water stagnation in fruit orchards Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality. 		
Banana	Bunching		Remove the male flower in banana bunches to attain better finger/fruit size		
			Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to		
			 heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m 		
			x 3m spacing.		
			LIVESTOCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pigs	All stages		Provide concentrate feed and multi-vitamins		

			Vaccination as per the schedule with proper consultation	
			with vet.	
			Deworm at regular interval	
Poultry	All stages		Provide anticoccidial drugs as preventive dose	
			• Vaccinate DOC chicks against RD/F1 on 4 th day after birth	
			& booster dose after 1 months.	
Fishery			• Right time for stocking of fish fingerlings in fish tank with	
			stocking density @ 1/m ²	
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond	
			twice daily to feed fish fingerlings	
Cattle	All stages	FMD	Vaccination is advocated	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call				

at 03795-226237/226247

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

District: West Siang

No: 53/2015-16/Fri Dated: 1st July, 2016



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

Weather summery of the previous week	Weather forecast valid up to 5 th July , 2016
Rainfall = 104.4 mm. T. Max: 27.2 °C, T.	Mostly cloudy sky with possibility of light/moderate rainfall. Max
Min: 23.1 °C, RH: 83-91%, Wind Speed: 3-	Temp=26°C and Min Temp=18°C, RH=71-96%, Wind Speed=2-3
4 kmps, Wind Direction: ES	kmph, Wind direction: WNW
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for low cost polyhouses for year round cultivation of vegetables

- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
 ICAR Basar recommend poultry variety VANARAJA for backyard rearing

		Post/Dispose	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Upland / Jhum Rice	Tillering stage	Leaf Blast	 On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot. Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.
Wetland Rice	Nursery/ Transplantatio n		Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot & Epicauta Bettle	 Complete earthing up before 45-50 days after sowing Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta Bettle in soybean Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging.
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus deficiency
			VEGETABLES
Summer Vegetables	Multiple stages		 Dust ash powder in cucurbits Use pheromone traps/light traps against brinjal shoot and fruit borer. Proper scientific cultural practices to be carried out in all vegetables viz. cleaning, earthing up, weeding, proper drainage etc. New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower
Ginger/turmeric	Vegetative stage	Soft rot	 For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
*	771	GI : 1	FRUIT CROPS
Cardamom Orchards	Flowering stage Multiple stages	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water. Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple	Active Vegetative stage		Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m

	x 3m spacing			
		A	GROFORESTRY	
			•	
			LIVESTOCKS	
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		Provide concentrate feed and multi-vitamins	
			• Vaccination as per the schedule with proper consultation	
			with vet.	
			Deworm at regular interval	
			• During scarcity of fodder provide hay/silage/feedblocks.	
Poultry	All stages		Provide anticoccidial drugs as preventive dose	
			• Vaccinate DOC chicks against RD/F1 on 4 th day after birth & booster dose after 1 months.	
Fishery			• Right time for stocking of fish fingerlings in fish tank with	
			stocking density @1/m ²	
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond	
			twice daily to feed fish fingerlings	
			• Keep the periphery of fish grow-out tank clean and weed free	
Cattle/Mithun	All stages	FMD	Vaccination is advocated	
			Deworming with antihelmintic drugs like oxyclozanide or	
Comtact C-i	tists (ICAD)	Ctata A and Ct-f	pyrantel.	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247				

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



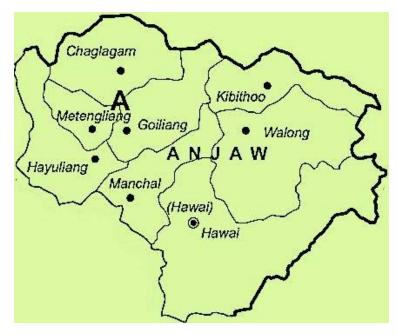


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Anjaw

No: 53/2015-16/Fri

Dated: 1st July, 2016



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

Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall = NA	Mostly cloudy sky with light/moderate rainfall. Max Temp=19°C
	and Min Temp=13°C, RH=58-97%, Wind Speed=3-5 kmph, Wind
	direction: ESE
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd
	and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Warning: Spraying of DDT in crops is lethal

	· · · · · · · · · · · · · · · · · · ·				
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
			FIELD	CROPS	
Wetland Rice	Nursery/		•	Before transplanting, follow seedling root-dip treatment in	
	Transplantatio			chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable	
	n			nursery should be raised inside well covered structure with	

			raised bed.
Jhum Rice	Tillering stage	Leaf Blast	 Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds. On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot at 15 days interval.
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus deficiency
Pulses/Ground nut	Vegetative stage	Epicauta Bettle	 Complete earthing up before 45-50 days after sowing. Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta settle in soybean Gap filling is recommended in the early sown crop Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging. Complete sowing of soybean before July 1st week
			VEGETABLES
Summer Vegetables	Multiple stages		 Dust ash powder in cucurbits Use pheromone traps/light traps against brinjal shoot and fruit borer. New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower.
Ginger/turmeric	Vegetative stage	Soft Rot	 For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
Large	Flowering	Chirkey	FRUIT CROPS • Remove diseased part & keep inflorescence clean.
Cardamom	stage	Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple	Active vegetative		Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m x 3m spacing.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Provide concentrate feed and multi-vitamins Deworm at regular interval Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4% NaOH at regular interval is advocated Provide adequate amount of potable water
Poultry	All stages	Ranikhet & Coccidiosis	 Provide adequate amount of potable water Provide anti-coccidial drugs as preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth & booster dose after 1 months.

Fishery			• Right time for stocking of fish fingerlings in fish tank with stocking density @1/m ²	
			 Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings Keep the periphery of fish grow-out tank clean 	
Cattle/Mithun	All stages	FMD	 Vaccination is advocated against FMD Deworming with antihelmintic drugs like oxyclozanide or pyrantel. 	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247				

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: - \underline{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



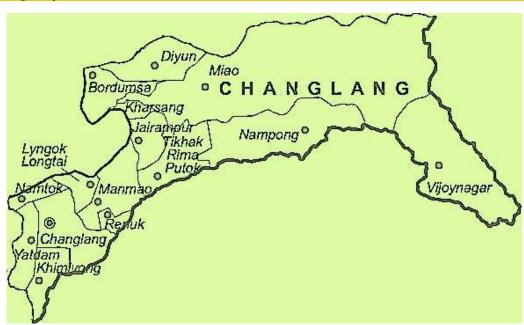
Dated: 1st July, 2016



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

District: Changlang

No: 53/2015-16/Fri



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

Weather summery of the previous wee	Weather forecast valid up to 5 th July, 2016
Rainfall = Changlang: 0.4 mm. Miao: 0	0.0 Mostly cloudy sky with possibility of light/moderate rainfall. Max
mm	Temp=27°C and Min Temp=21°C, RH=66-98%, Wind Speed=2-4
	kmph, Wind direction: E
Warning	Heavy to very heavy rainfall is very likely in few places in 2 nd
	and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

• ICAK Basai recommend pountly variet		y V ALIN.	AKAJA 101 backyaru rearing	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Wetland Rice	Nursery/		•	Before transplanting, follow seedling root-dip treatment in
	Transplantatio			chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable
	n			nursery should be raised inside well covered structure with
				raised bed.

Upland Rice	Tillering	Leaf Blast	On clear/sunny days, need based foliar spray of hexaconazole 5% EC (2ml/lit) or Carbendazim 50 % WP (1g/lit) at 15 days interval.
Maize	Multiple stages		 If bluish-green leaves are observed, apply SSP or DAP along with 2/3rd of Urea to rejuvenate the plant from phosphorus deficiency
Pulses/Ground nut	Vegetative stage	Cercospora Leaf sopt & Epicauta bettle	 Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta bettle in soybean Gap filling is recommended in the early sown crop Complete sowing of soybean before July 1st week
			VEGETABLES
Summer Vegetables	Multiple stages		 Use pheromone traps/light traps against brinjal shoot and fruit borer Proper scientific cultural practices to be carried out in all vegetables viz. cleaning, earthing up, weeding, proper drainage etc.
			 New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower.
Ginger	Vegetative	Soft rot	• For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water.
			FRUIT CROPS
Large Cardamom	Flowering stage	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages / all stages		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m
		A	x 3m spacing. GROFORESTRY
Bamboo	Vegetative	A	Thinning is advised
	, 550		1 mining to unvised
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated
Poultry	All stages		 Vaccination as per the schedule with proper consultation with vet. Provide anti-coccidial drugs as preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth & booster dose after 1 months. Quarantine the newly procured birds for one month before introduction with old birds.

Fishery			• Right time for stocking of fish fingerlings in fish tank with stocking density @1/m ²	
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings	
			• Keep clean the periphery at the fish grow-out tank, because they absorb nutrients from the water.	
Cattle/Mithun	All stages	FMD	Vaccination is advocated against FMD	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247				

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

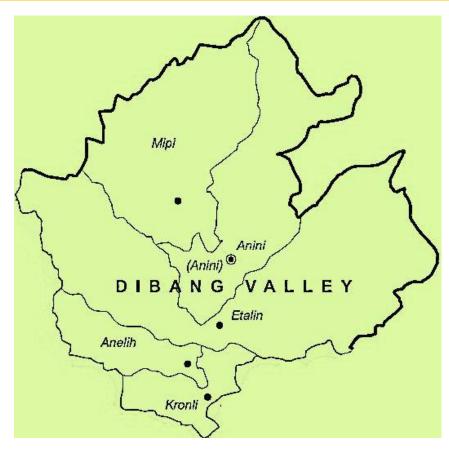




ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Dibang Valley

No: 53/2015-16/Fri Dated: 1st July, 2016



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

Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall = Anini: NA	Mostly cloudy sky with light/moderate rainfall is forecasted. Max Temp=21°C and Min Temp=13°C, RH=55-96%, Wind Speed=2-4 kmph, Wind direction: ESE
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

General recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for spray operation only on dry/clear weather.
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides

• ICAR E	Basar recommen	d poultry variet	y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
	l		FIELD CROPS
Wetland Rice	Nursery/ Transplantatio n		 Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Jhum Rice	Tillering stage	Leaf Blast	• On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot & Epicauta bettle	 Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta bettle in soybean Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging. Complete sowing of soybean before July 1st week
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus deficiency
			VEGETABLES
Summer Vegetables Ginger/summer pulses Large Cardamom Orchards	Vegetative Flowering stage All stages	Soft Rot Chirkey Disease	 Dust ash powder in cucurbits Use pheromone traps/light traps against brinjal shoot and fruit borer. Proper scientific cultural practices to be carried out in all vegetables viz. cleaning, earthing up, weeding, proper drainage etc. New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower. For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. Earthing up of ginger/turmeric along with basal application of required fertilizer should be done FRUIT CROPS Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water. Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.
Pineapple	Active Vegetative		 Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m x 3m spacing.
-	~.	*	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		During noon provide glucose/electrol in drinking water
Poultry	All stages		 Provide anticoccidial drugs for preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth

				& booster dose after 1 month.
Fishery			•	Right time for stocking of fish fingerlings in fish tank with
				stocking density @1/m ²
			•	Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
			•	Keep clean the periphery of the fish grow-out tank
Cattle/Mithun	All stages	FMD	•	Vaccination is advocated

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

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit ICAR, BASAR

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



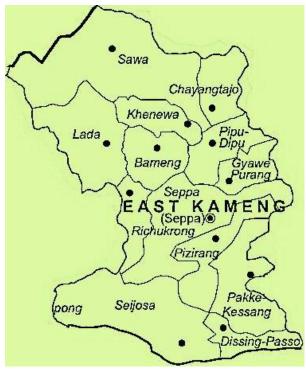


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: East Kameng

No: 53/2015-16/Fri

Dated: 1st July, 2016



Weather summery of the previous week	Weather forecast valid up to 1 st July, 2016
Rainfall = 7.5 mm (Seppa)	Mostly cloudy sky with light/moderate rainfall. Max Temp=23°C and Min Temp=16°C, RH=65-98%, Wind Speed=2-3 kmph, Wind direction: ENE
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Wetland Rice	Nursery/ Transplantatio n		Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Upland/ jhum Rice	Tillering	Leaf Blast	 Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot & Epicauta bettle	 Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta bettle in soybean Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging.
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus deficiency
			VEGETABLES
Summer Vegetables	Multiple stages		 Dust ash powder in cucurbits Use pheromone traps/light traps against brinjal shoot and fruit borer. New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower.
Ginger/Turmeri c	Vegetative	Soft rot of ginger	 For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
_			FRUIT CROPS
Large Cardamom	Flowering stage	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple	Active Vegetative		Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m x 3m spacing.
mı nı		A	GROFORESTRY
Toko Palm			Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery The structure of the seed of toko palm in poly bags @ 1 seed/bag for nursery The structure of the seed of toko palm in poly bags @ 1 seed/bag for nursery The structure of the seed of toko palm in poly bags @ 1 seed/bag for nursery The structure of toko palm in poly bags @ 1 seed/bag for nursery The structure of toko palm in poly bags @ 1 seed/bag for nursery
T	G4	D'	LIVESTOCKS Description of the following state of the following stat
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		During noon provide glucose/electrol in drinking water
Poultry	All stages		 Provide anticoccidial drugs for preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth

Contact Sci	entists (ICAR) or State Agril Staf	f or KVK staff for measures against adverse conditions or call
Cattle	FMD	Vaccination is advocated
	Parvovirus	
Dog	Canine	Vaccinate as per consultation with vet
		Keep the periphery of fish grow-out tank clean
		Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Fishery		• Right time for stocking of fish fingerlings in fish tank with stocking density @1/m ²
		& booster dose after 1 month.

at 03795-226237/226247

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Agrometeorological Field Unit ICAR. BASAR

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

District: East Siang

No: 53/2015-16/Fri Dated: 1st July, 2016



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

Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall: 26.8 mm; T. Max: 34.0°C; T. Min:	Mostly cloudy weather is forecasted with light/moderate rainfall.
25.0°C; RH: 78-100 %	Max Temp=31°C and Min Temp=21°C, RH=73-96%, Wind
	Speed=2-4 kmph, Wind direction: WNW
Warning:	Heavy to very heavy rainfall is very likely in few places in 2 nd and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations Go for low cost polyhouses for year round cultivation of vegetables Obtain seeds from reputed/certified/reliable source Use fertilizers/pesticides as per recommended doses for the location Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides ICAR Basar recommend poultry variety VANARAJA for backyard rearing **Precautionary Practices to be followed** Stage Pest/Disease FIELD CROPS Pulses/Ground On clear weather spray azadirachtin 0.15 EC@ 1 ml/lit Vegetative Cercospora Leaf spot stage against Epicauta bettle in soybean

&

		Epicauta bettle	 Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Proper drainage to avoid excess moisture or water logging.
Wetland Rice	Nursery/ Transplantatio n		Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Upland/ Jhum Rice	Tillering	Leaf Blast	• On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus deficiency
	l		VEGETABLES
Summer	Multiple		Dust ash powder in cucurbits
Vegetables	stages		• Use pheromone traps/light traps against brinjal shoot and fruit borer.
Ginger/turmeric	Vegetative stage	Soft Rot	 For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
			FRUIT CROPS
Large	Flowering	Chirkey	Remove diseased part & keep inflorescence clean.
Cardamom	stage	Disease	 Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit
Pineapple	Active		orchards • Remove excess suckers and spray NAA@100ppm to
Banana	vegetative Bunching		increase fruit size and improve quality.
Danana	Dunching		 Remove the male flower in banana bunches to attain better finger/fruit size. Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm. Sword suckers with stout base, tapering towards the top
			with narrow leaves should be selected for planting at 3m x 3m spacing.
		A	AGROFORESTRY
Bamboo			Thinning is advised
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Deworm at regular interval
			 During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4% NaOH at regular interval is advocated
			• Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.
Poultry	All stages		 Provide anti-coccidial drugs Vaccinate DOC chicks against RD/F1 on 4th day after birth & booster dose after 1 month
Fishery			• Right time for stocking of fish fingerlings in fish tank with stocking density @1/m ²
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond

			twice daily to feed fish fingerlings
Cattle/Mithun		FMD	Vaccination is advocated
			• Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scien	tists (ICAR) or	State Agril Staf	f or KVK staff for measures against adverse conditions or call
at 03795-226237/226247			

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Agrometeorological Field Unit ICAR, BASAR

(Period: 1st to 5th July, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

District: Kurung Kumey

No: 53/2015-16/Fri

Dated: 1st July, 2016



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

Weather summery of the previous week	Weather forecast valid up to 5 th July, 2016
Rainfall = NA	Mostly cloudy sky with possibility of light rainfall. Max
	Temp=25°C and Min Temp=15°C, RH=70-93%, Wind Speed=3-4
	kmph, Wind direction: E
Warning	Heavy to very heavy rainfall is very likely in few places in 2 nd and 3 rd July

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Spray operations should be done only on dry/clear weather or in extreme case use stickers
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated

Is au voc	is divocated			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Pulses/Ground nut	Vegetative stage	Cercospora Leaf spot	Spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta	

		&	bettle in soybean
		Epicauta	 Foliar spray of carbandazim/Mancozab@2gm/lit
		bettle	
		bettie	Manual weeding in greengram/blackgram
Maina	N # 14' 1		Proper drainage to avoid excess moisture or water logging. Columbia Columbia
Maize	Multiple stages		• If bluish-green leaves are observed, apply SSP or DAP along with 2/3 rd of Urea to rejuvenate the plant from phosphorus deficiency
Wetland Rice	Nursery/ Transplantatio n		Before transplanting, follow seedling root-dip treatment in chlorpyriphos 20 EC@ 2ml/10 lit for 12 hrs. Vegetable nursery should be raised inside well covered structure with raised bed.
Upland/ Jhum Rice	Tillering	Leaf Blast	 Carry out top dressing in upland rice of 2/3rd of recommended dose of urea. On clear/sunny days, spray carbendazim @2g/lit water in
			<i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
			VEGETABES
Summer	Multiple		Dust ash powder in cucurbits
Vegetables	stages		• Use pheromone traps/light traps against brinjal shoot and fruit borer.
			• New nursery should be raised inside well covered structure with a raised bed to protect against continuous rain/shower.
Ginger/turmeric	Vegetative stage	Soft rot	• For management of soft rot in ginger: Need based drencing of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water.
			• Earthing up of ginger/turmeric along with basal application of required fertilizer should be done.
			FRUIT CROPS
Large Cardamom	Flowering stage	Chirkey Disease	 Remove diseased part & keep inflorescence clean. Need based spray of broad spectrum fungicide like carbendazim @2g/lit water.
Orchards	Multiple stages		 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple	Vegetative stage		Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana	Bunching		 Remove the male flower in banana bunches to attain better finger/fruit size.
			 Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
			 Sword suckers with stout base, tapering towards the top with narrow leaves should be selected for planting at 3m x 3m spacing.
		A	GROFORESTRY
Toko Palm	Nursery		Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet.
Poultry	All stages		 Deworm at regular interval Provide anticoccidial drugs as preventive dose Vaccinate DOC chicks against RD/F1 on 4th day after birth & booster dose after 1 month

Fishery		• Right time for stocking of fish fingerlings in fish tank wi
		stocking density @1/m ²
		• Broadcast mustard Oil Cake (MOC) @5kg/day over the portwice daily to feed fish fingerlings.
Dog	Canine	Vaccinate as per consultation with vet
	Parvovirus	
Cattle/Mithun	FMD	Vaccination is advocated
		• Deworming with antihelmintic drugs like oxyclozanide
		pyrantel
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call		

at 03795-226237/226247

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Agrometeorological Field Unit ICAR, BASAR