(Period: 29th March to 1st April, 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: 26/2015-16/Tue

Dated: 29th March, 2016



Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = 8.4 mm	Partial cloud cover with possibility of moderate/light rain in next 2-3
	days. Max Temp=19°C and Min Temp=8°C, RH=34-90%, Wind
	Speed=4-7 kmph, Wind direction: E
Warning:	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging pond for construction of *Jalkunds*.
- 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
Mustard/Pea/ot her crops			<ul> <li>Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests</li> </ul>
Maize/ cowpea			<ul> <li>Right time for sowing of local/early maize and Cowpea</li> <li>Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing</li> </ul>
Toria/mustard			<ul> <li>On sunny days, go for harvesting of toria/mustard if mature</li> </ul>
Maize (winter)			<ul> <li>Right time for harvesting</li> </ul>
Pea		Powdery Mildew	<ul> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-</li> </ul>
			kharif & kharif crops.
			VEGETABES
Summer Vegetables			<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Right time for nursery preparation of brinjal etc.</li> </ul>
			• : Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	<ul> <li>On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea &amp; other vegetables is advocated using stickers</li> </ul>
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes</li> </ul>
			early spoilage.
			FRUIT CROPS
Citrus	Flowering		<ul> <li>If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees/insects.</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>

Banana			<ul> <li>Timely/regular removal of extra suckers, dry leaves &amp; pseudo-steam</li> </ul>
	<u></u>	A	GROFORESTRY
Toko Palm			Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
	<u>,                                      </u>		LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery			<ul> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle		FMD	Vaccination is advocated

at 03795-226237/226247

(Period: 29th March to 1st April, 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: 26/2015-16/Tue

Dated: 26th March, 2016



Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016				
Rainfall = NA	Partial cloud cover with possibility of light rain in next 2-3 days.				
	Max Temp=21°C and Min Temp=10°C, RH=52-95%, Wind				
	Speed=2-9 kmph, Wind direction: WSW				
Warning:	Non				

### Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Right time for digging pond for construction of Jalkunds
- 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		<b>Precautionary Practices to be followed</b>
				CROPS
Mustard/Pea/ot her crops			•	Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			•	Right time for sowing of local/early maize and Cowpea Seed treatment of early maize/cowpea with Imidichloropid @

			1-2g/10kg is recommended before sowing
Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea Pea		Powdery Mildew	<ul> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
			VEGETABLES
Summer Vegetables  Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Right time for preparation of nursery for brinjal</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> <li>On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea &amp; other vegetables is</li> </ul>
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
			FRUIT CROPS
Citrus	Flowering		<ul> <li>If flowering begin, avoid spray of insecticides as it may hinder pollination by honey bees/insects.</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
Banana			Timely/regular removal of extra suckers, dry leaves & pseudo-steam
Apple/Kiwi			<ul> <li>Traning &amp; Pruning on priority to remove diseased and crisscross branches to maintain health and shape of plants         Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen</li> <li>Fertilizers should be applied a foot away from the base of the plants</li> <li>Basin maintenance and manuring with FYM @ 30-35</li> </ul>

			kg/tree should be done. Avoid application of FYM close to the trunk		
AGROFORESTRY					
Toko Palm			<ul> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>		
			LIVESTOCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is</li> </ul>		
Poultry	All stages		<ul> <li>Provide sufficient bedding materials to keep them warm</li> <li>Provide adequate clean drinking water+electrolyte</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500</li> </ul>		
Dog		Canine	kg/ha/m depth advocated.  • Vaccinate as per consultation with vet		
205		Parvovirus	- vaccinate as per constitution with vet		
Cattle		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: 29th March to 1st April, 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: 26/2015-16/Tue

Dated: 29th March, 2016



Weather summery of the previous week	Weather forecast valid up to 28 <sup>th</sup> March, 2016
Rainfall: 4.4 mm; T.Max: 33.3°C; T.Min:17.1°C; RH: 52-91 %	Partial cloud cover with light rain is forecasted. Max Temp=27°C and Min Temp=17°C, RH=42-94%, Wind Speed=2-5 kmph, Wind direction: E
Warning:	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Avoid spray of insecticides at flowering stage of crops/plants as it may hinder pollination by honey bees or other insects
- Right time for digging pond for construction of *Jalkunds*.
- 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 I	Basar recommen	d poultry variet	y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Mustard/Pea/ot her crops			<ul> <li>Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests</li> </ul>
Maize/ cowpea			<ul> <li>Right time for sowing of local/early maize and Cowpea</li> <li>Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing</li> </ul>
Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea		Powdery Mildew	<ul> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
			VEGETABLES
Summer Vegetables			<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Right time for the preparation of nursery for brinjal</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> </ul>
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
			FRUIT CROPS
Citrus	Flowering		<ul> <li>Avoid spray of insecticides if flowering begins</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>On dry weather, spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Timely/regular removal of extra suckers, dry leaves &amp; pseudo-steam</li> </ul>
		A	GROFORESTRY
Toko Palm			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	
			Provide proper bedding materials for newly born piglets to	
			protect them from cold	
			• Vaccination as per the schedule with proper consultation with vet.	
			Deworm at regular interval	
			During scarcity of fodder provide hay/silage/feedblocks.	
			• Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.	
			• Swine fever vaccine at the age of 8- 10 week is	
			recommended.	
Poultry	All stages		Provide adequate clean drinking water+electrolyte	
			• Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.	
			Provide anti-coccidial drugs	
			Remove wet litter/provide artificial heating and light	
			• Quarantine the newly procured birds for one month before	
			introduction with old birds	
			• Vaccination against Ranikhet disease under vet official supervision is advised.	
Fishery			Right time for new pond excavation/old pond renovation.	
			• Manual removal of aquatic plants and liming @ 200-500	
			kg/ha/m depth advocated.	
Dog		Canine Parvovirus	Vaccinate as per consultation with vet	
Cattle		FMD	Vaccination is advocated	
0 4 40 •	4: 4 (ICAP)		f or VVIV stoff for measures against adverse conditions or call	

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: - <a href="mailto:IAAS.BASAR@gmail.com">IAAS.BASAR@gmail.com</a>, Phone Number: - 03795-226247/37, -96 (Fax)

(Period: 29th March to 1st April, 2016)



#### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: Tawang** 

No: 26/2015-16/Tue

Dated: 29th March, 2016



Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = 2.0 mm.	Partial cloud cover with possibility of light rainfall in next 2-3 days.
	Max Temp=15°C and Min Temp=3°C, RH=48-86%, Wind
	Speed=4-9 kmph, Wind direction: ENE
Warning:	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Right time for digging pond for construction of Jalkunds.
- 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		<b>Precautionary Practices to be followed</b>		
	FIELD CROPS					
Mustard/Pea/ot her crops			•	Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing		
				storage pests		
Maize/ cowpea			•	Right time for sowing of local/early maize and Cowpea Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing		

Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> <li>VEGETABLES</li> </ul>
Pea/Cauliflow	Vegetative	Leaf eating	
er/Cabbage	vegetative	insects	On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea & other vegetables is advocated.
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul> FRUIT CROPS
Citrus	Flowering		If flowering begins, avoid spray of insecticides as it may
Banana Apple/Kiwi			<ul> <li>hinder pollination by honey bees</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Timely/regular removal of extra suckers, dry leaves &amp; pseudo-steam</li> <li>Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen</li> <li>Fertilizers should be applied a foot away from the base of the plants</li> <li>Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk</li> </ul>
	T =		LIVESTOCKS
Pigs	All stages	Disease	<ul> <li>Precautionary Practices to be followed</li> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4% NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended</li> </ul>

Poultry	All stages		<ul> <li>Avoid rearing of Day-Old-Chicks</li> <li>Provide sufficient bedding materials to keep them warm</li> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised</li> </ul>
Fishery			<ul> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle		FMD	Vaccination is advocated
Contact Scien	ntists (ICAR) or	State Agril Staf	f or KVK staff for measures against adverse conditions or call

at 03795-226237/226247

(Period: 29th March to 1st April, 2016)



#### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



Dated: 29th March, 2016



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

**District: Tirap** 

No: 26/2015-16/Tue





Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = Deomali: 7.0 mm	Partially cloudy sky with possibility of light to moderate rainfall in
	next 2-3 days. Max Temp=28°C and Min Temp=14°C, RH=53-98%,
	Wind Speed=0-2 kmph, Wind direction: ESE
Warning:	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Right time for digging pond for construction of *Jalkunds*.
- 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
Mustard/Pea/ot her crops			<ul> <li>Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests</li> </ul>
Maize/ cowpea			<ul> <li>Right time for sowing of local/early maize and Cowpea</li> <li>Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing</li> </ul>

Toria/mustard			•	On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			•	Right time for harvesting
Pea		Powdery Mildew	•	Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.
Cultural Practices				Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.  Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif & kharif crops.
Summer			VEGE.	Pight time for the sowing of summer vegetables like
Vegetables			•	Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.  Get seeds/planting materials of preferred or recommended varieties from right sources  Right time for nursery preparation of brinjal  Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	•	On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea & other vegetables is advocated
Potato	Harvesting	Ants	FRIUT	Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.  Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.  CCROPS
Citrus	Flowering		FRUII •	If flowering begins, avoid spray of insecticides as it may
			•	hinder pollination by honey bees.  Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over  Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over  Remove all water sprouts from the base of the plant  Need based spray of Carbendazim 50WP @ 1g/lit or  Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew  Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Banana			•	Timely/regular removal of extra suckers, dry leaves & pseudo-steam

			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 adequate clean drinking water+electrolyte
	SANDAM		Vaccination as per the schedule with proper consultation
			with vet.
			Remove wet litter/provide artificial heating and light
			Quarantine the newly procured birds for one month before
			introduction with old birds.
			Vaccination against Ranikhet disease under vet official
			supervision is advised.
Fishery			Right time for new pond excavation/old pond renovation.
			Manual removal of aquatic plants and liming @ 200-500
			kg/ha/m depth advocated.
Dog		Canine	Vaccinate as per consultation with vet
		Parvovirus	
Cattle		FMD	Vaccination is advocated

at 03795-226237/226247

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department

Contact: - <u>IAAS.BASAR@gmail.com</u>, Phone Number: - 03795-226247/37, -96 (Fax)

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call

(Period: 29th March to 1st April, 2016)



#### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



Dated: 29th March, 2016



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

**District: Upper Siang** 

No: 26/2015-16/Tue





Weather summery of the previous week	Weather forecast valid up to 28 <sup>th</sup> March, 2016
Rainfall = 0.0 mm.	Partial cloud cover with light rain in next 2-3 days. Max
	Temp=11°C and Min Temp=3°C, RH=34-78%, Wind Speed=4-6
	kmph, Wind direction: SSE
Warning:	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Right time for digging pond for construction of Jalkunds.
- 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
Mustard/Pea/ot her crops			<ul> <li>Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests</li> </ul>
Maize/ cowpea			Right time for sowing of local/early maize and Cowpea
			Seed treatment of early maize/cowpea with Imidichloropid @
			1-2g/10kg is recommended before sowing
Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea		Powdery Mildew	<ul> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
			VEGETABLES
Summer Vegetables			<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Right time for nursery preparation of brinjal</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> </ul>
Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea & other vegetables is advocated with stickers.
Potato	Harvesting	Ants	Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.
			<ul> <li>Store potatoes in a cool, well ventilated place</li> </ul>
			<ul> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
			FRUIT CROPS
Citrus	Flowering		<ul> <li>If flowering begins, avoid use of insecticides</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over on clear day</li> <li>On dry weather, spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant on clear day using stickers</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> </ul>

			<ul> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
Banana			Timely/regular removal of extra suckers, dry leaves & pseudo-steam
Apple /Kiwi			<ul> <li>Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen</li> <li>Fertilizers should be applied a foot away from the base of the plants</li> <li>Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk</li> </ul>
		A	GROFORESTRY
Toko Palm			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	Discase	Provide concentrate feed and multi-vitamins
Poultry	All stages		<ul> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4% NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> <li>Avoid rearing of Day-Old-Chicks</li> <li>Provide sufficient bedding materials to keep them warm</li> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery			<ul> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle		FMD	Vaccination is advocated

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

at 03795-226237/226247

(Period: 29th March to 1st April, 2016)



#### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



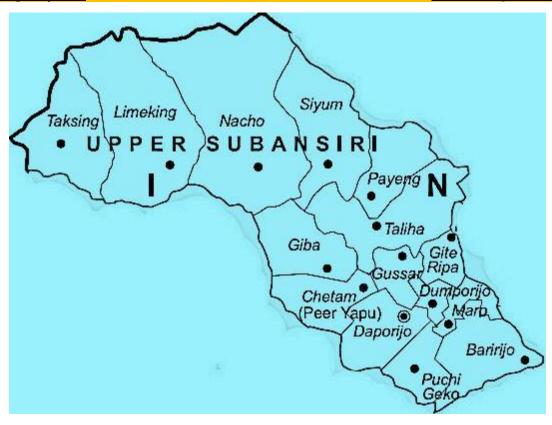


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Upper Subansiri** 

No: 26/2015-16/Tue

Dated: 29th March, 2016



Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = 5.0 mm (Puchi Geko); Daporijo:	Partial cloud cover with possibility of light rain in next 2-3 days.
3.4mm	Max Temp=20°C and Min Temp=11°C, RH=50-94%, Wind
	Speed=3-6 kmph, Wind direction: WNW

#### 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.
- Right time for digging pond for construction of Jalkunds.
- 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
Mustard/Pea/ot her crops			<ul> <li>Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests</li> </ul>
Maize/ cowpea			<ul> <li>Right time for sowing of local/early maize and Cowpea</li> <li>Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing</li> </ul>
Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea		Powdery Mildew	<ul> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
			VEGETABLES
Summer Vegetables  Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Right time for preparation of nursery of brinjal</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> <li>On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea &amp; other vegetables is advocated</li> </ul>
			with sticker.
			FRUIT CROPS
Citrus	Flowering		<ul> <li>Avoid spray of insecticides if flowering begins</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
Banana			Timely/regular removal of extra suckers, dry leaves & pseudo-steam
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation</li> </ul>

			<ul> <li>with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4% NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for</li> </ul>
			crosbreds and 10 weeks for indigeneous pigs.  • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Provide anti-coccidial drugs</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery			<ul> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>
Dog		Canine Parvovirus	Vaccinate as per consultation with vet

at 03795-226237/226247

(Period: 29th March to 1st April, 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: 26/2015-16/Tue

Dated: 29<sup>th</sup> March, 2016



Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = 0.0 mm	Partially cloudy sky with possibility of light/moderate rain in next 2-
	3 days. Max Temp=16°C and Min Temp=7°C, RH=45-87%, Wind
	Speed=3-7 kmph, Wind direction: ENE
Warning:	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Right time for digging pond for construction of *Jalkunds*.
- 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
Mustard/Pea/ot her crops			<ul> <li>Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests</li> </ul>
Maize/ cowpea			<ul> <li>Right time for sowing of local/early maize and Cowpea</li> <li>Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing</li> </ul>
Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea		Powdery Mildew	<ul> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
			VEGETABLES
Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	• On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea & other vegetables is advocated.
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
Summer Vegetables			<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Right time for nursery preparation of brinjal</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> <li>FRUIT CROPS</li> </ul>
Citrus	Flowering		Avoid spray of insecticides if flowering begins as it may
Cittuo	Trowering		<ul> <li>Avoid spray of insecticides it flowering begins as it may hinder pollination by honey bees and other insects.</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew</li> </ul>
Banana			Timely/regular removal of extra suckers, dry leaves & pseudo-steam

Apple/Kiwi			Best time to apply fertilizers to the apple trees containing		
			potassium, calcium, Boron and nitrogen		
			Fertilizers should be applied a foot away from the base of the plants		
			<ul> <li>Basin maintenance and manuring with FYM @ 30-35 kg/tree</li> </ul>		
			should be done. Avoid application of FYM close to the trunk		
			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.		
			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.		
			• Swine fever vaccine at the age of 8- 10 week is		
		ages	recommended.		
Poultry	All stages		Avoid rearing of Day-Old-Chicks		
			Provide sufficient bedding materials to keep them warm		
		2	Provide adequate clean drinking water+electrolyte		
			• Vaccination as per the schedule with proper consultation with vet.		
			• Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.		
			Provide anti-coccidial drugs		
			Remove wet litter/provide artificial heating and light		
			• Need based spray of Carbendazim 50WP @ 1g/lit or		
			Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew		
			• Vaccination against Ranikhet disease under vet official supervision is advised.		
Fishery			Right time for new pond excavation/old pond renovation.		
			• Manual removal of aquatic plants and liming @ 200-500		
			kg/ha/m depth advocated.		
Dog		Canine Parvovirus	Vaccinate as per consultation with vet		
Cattle		FMD	Vaccination is advocated		
Contact Scien	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: 29th March to 1st April, 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: 26/2015-16/Tue

Dated: 29th March, 2016



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

Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = 11.6 mm. T. Max: 29.3°C, T.Min:	Partial cloud cover with possibility of light rainfall in next 2-3 days.
10.4°C, RH: 35-94%, Wind Speed: 2-10	Max Temp=23°C and Min Temp=15°C, RH=48-90%, Wind
kmps, Wind Direction: NE	Speed=2-5 kmph, Wind direction: WNW
Warning:	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging pond for construction of *Jalkunds*.
- 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

Stage	Pest/Disease	Precautionary Practices to be followed
		FIELD CROPS
		Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
		<ul> <li>Right time for sowing of local/early maize and Cowpea</li> <li>Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing</li> <li>Recommended varieties: Oshum, Tapolli, Sago Local, DA-61A, Vivek Hybrid-21</li> </ul>
		Right time for harvesting
		<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-</li> </ul>
		kharif & kharif crops.
Vegetative	Leaf eating insects	<ul> <li>Right time for brinjal nursery</li> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, pumpkin, etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> <li>On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea &amp; other vegetables is advocated.</li> </ul>
Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
		FRUIT CROPS
Flowering	Powdery Mildew	<ul> <li>Avoid using insecticide if flowering begins as it may hinder pollination by honey bees and insects</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
		Timely/regular removal of extra suckers, dry leaves & pseudo-steam
		Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen
	Harvesting	insects  Harvesting Ants  Flowering Powdery

			<ul> <li>Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk</li> </ul>		
		A	GROFORESTRY		
Toko Palm			<ul> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>		
			LIVESTOCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>		
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>		
Fishery			<ul> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>		
Dog		Canine Parvovirus	Vaccinate as per consultation with vet		
Cattle		FMD	Vaccination is advocated		
Contact Scien	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: 29th March to 1st April, 2016)



#### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



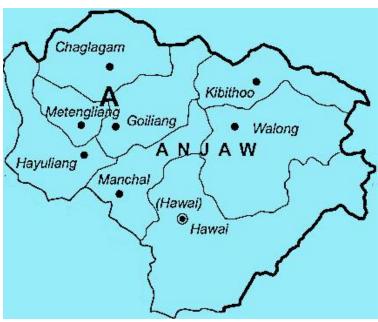


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Anjaw** 

No: 26/2015-16/Tue

Dated: 29th March, 2016



Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 masl

Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = NA	Partial cloud cover with possibility of light/moderate rainfall in next
	3-4 days. Max Temp=12°C and Min Temp=3°C, RH=36-93%, Wind
	Speed=4-10 kmph, Wind direction: E
Warning:	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging pond for construction of *Jalkunds*.
- 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		<b>Precautionary Practices to be followed</b>
			FIELD	CROPS
Mustard/Pea/ot her crops			•	Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			•	Right time for sowing of local/early maize and Cowpea

Maize (winter) Cultural Practices			<ul> <li>Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing</li> <li>Recommended varieties: Oshum, Tapolli, Sago Local, DA-61A, Vivek Hybrid-21</li> <li>On sunny day, harvesting is advocated</li> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
Summer			VEGETABLES  Distriction Control of the Control of t
Vegetables			<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, okra, etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Nursery preparation for Brinjal</li> <li>Sowing should be done during these sunny days to avoid unnecessary seed mortality that might occur during heavy rain in April</li> <li>Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.</li> </ul>
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
Cabbage/ cauliflower	Harvesting		On clear weather, need based spray of Azadirachtin     0.15% EC @ 6ml/lit against leaf eating insects
Citrus  Banana  Apple/Kiwi	Flowering	Powdery Mildew	<ul> <li>Prune away all diseased portion of the citrus plant after harvest of the fruit to maintain the health of the plant</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Avoid spray of insecticides which may hinder pollination by honey-bees.</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based foliar spray of Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Timely/regular removal of extra suckers, dry leaves &amp; pseudo-steam</li> <li>Best time to apply fertilizers to the apple trees containing</li> </ul>
трыс кіші			<ul> <li>potassium, calcium, Boron and nitrogen</li> <li>Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk</li> </ul>
Toko Palm		A	<ul> <li>GROFORESTRY</li> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Provide concentrate feed and multi-vitamins
6-	1 22.00		Add the man

Poultry All stages  Fishery	<ul> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4% NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> <li>Provide sufficient bedding materials to keep them warm</li> <li>Provide adequate clean drinking water+electrolyte and multivitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Provide anti-coccidial drugs</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>
Dog Canine Parvovirus	Vaccinate as per consultation with vet
Cattle FMD	. Vocaination is advanted
Cottle	Vaccination is advocated

at 03795-226237/226247

(Period: 29th March to 1st April, 2016)



#### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



Dated: 29th March, 2016



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

**District: Changlang** 

No: 26/2015-16/Tue



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

Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = Changlang: 5.2 mm. Miao: 12.2	Partial cloud cover with possibility of light to moderate rainfall in
mm	next 2-3 days. Max Temp=22°C and Min Temp=11°C, RH=46-94%,
	Wind Speed=2-5 kmph, Wind direction: ESE
Warning	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging ponds for construction of *jalkunds*
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for spray operation on clear/dry weather.
- 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				
Mustard/Pea/ot her crops			•	Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			•	Right time for sowing of local/early maize and Cowpea

			Recommended varieties: Oshum, Tapolli, Sago Local,
			DA-61A, Vivek Hybrid-21
			Seed treatment of early maize/cowpea with Imidichloropid @
			1-2g/10kg is recommended before sowing
Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea		Powdery	Need based spray of Carbendazim 50WP @ 1g/lit or
		Mildew	Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.  • Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-</li> </ul>
			kharif & kharif crops.  VEGETABLES
Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in.
Summer Vegetables			<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> </ul> FRUIT CROPS
Citrus	Flowering	Powdery	If flowering begins, avoid spray of insecticides which
	T To working	Mildew	<ul> <li>may hinder pollination by honey bees.</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>On dry weather, spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
Banana			Timely/regular removal of extra suckers, dry leaves & pseudo-steam  ACROFFORESTERM  ACROF
Toko Palm	Nursery		• Sowing of seeds of toko palm in poly bags @ 1 seed/bag
	Preparation		for nursery
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation</li> </ul>

			with vet.
			Deworm at regular interval
			During scarcity of fodder provide hay/silage/feedblocks.
			<ul> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		Avoid rearing of Day-Old-Chicks
			Provide sufficient bedding materials to keep them warm
			Provide adequate clean drinking water+electrolyte
			• Vaccination as per the schedule with proper consultation with vet.
			• Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.
			Provide anti-coccidial drugs
			Remove wet litter/provide artificial heating and light
Fishery			• Use soil-water probiotics in fish pond for making disease free environment
			Right time for new pond excavation/old pond renovation.
			Manual removal of aquatic plants and liming @ 200-500
			kg/ha/m depth advocated.
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle		FMD	Vaccination is advocated under supervision of vet.
Contact Scien	tists (ICAR) or s	State Agril Staff	f or KVK staff for measures against adverse conditions or call

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

at 03795-226237/226247

(Period: 29th March to 1st April, 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: 26/2015-16/Tue

Dated: 29th March, 2016



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

Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = Anini:19.0 mm.	Partial cloud cover with possibility of light/modeate rain in next 2-3 days. Max Temp=17°C and Min Temp=8°C, RH=40-91%, Wind Speed=4-8 kmph, Wind direction: ENE
Warning:	Non

### Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging pond for construction of *Jalkunds*.
- 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 Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
	T		FIELD CROPS
Mustard/Pea/ot her crops			<ul> <li>Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests</li> </ul>
Maize/ cowpea			<ul> <li>Right time for sowing of local/early maize and Cowpea</li> <li>Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing</li> </ul>
Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea		Powdery Mildew	<ul> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
			VEGETABLES
Summer Vegetables			<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> </ul>
Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea & other vegetables is advocated using stickers.
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
Citrus	Flowering		<ul> <li>If flowering begin, avoid spray of insecticide which may hinder pollination by honey bees.</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>

Banana			Timely/regular removal of extra suckers, dry leaves & pseudo-steam				
	AGROFORESTRY						
Toko Palm			<ul> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>				
	LIVESTOCKS						
Livestock	Stage	Disease	Precautionary Practices to be followed				
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>				
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>				
Fishery			<ul> <li>Use soil-water probiotics in fish pond for making disease free environment</li> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>				
Dog		Canine Parvovirus	Vaccinate as per consultation with vet				
Cattle		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: 29th March to 1st April, 2016)



#### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



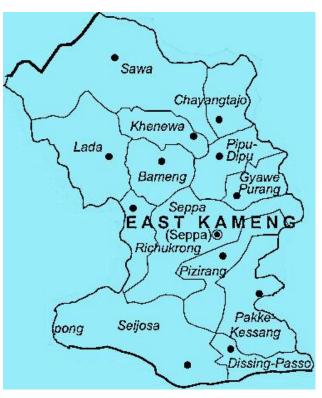


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: East Kameng** 

No: 26/2015-16/Tue

**Dated: 29th March, 2016** 



Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = NA	Partial cloud cover with possibility of light rain is forecased for next 2-3 days. Max Temp=13°C and Min Temp=5°C, RH=48-92%, Wind Speed=3-8 kmph, Wind direction: ESE
	Speed-3-8 kmph, while direction. ESE
Warning:	Non

### Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging pond for construction of *Jalkunds*.
- 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
Mustard/Pea/ot her crops			<ul> <li>Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests</li> </ul>
Maize/ cowpea			<ul> <li>Right time for sowing of local/early maize and Cowpea</li> <li>Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing</li> <li>Need-based irrigation if crops sown</li> </ul>
Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea		Powdery Mildew	Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
			VEGETABLES
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
Summer Vegetables			<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Sowing of vegetables like okra/ladies finger and beans are not</li> </ul>
			recommended as they are likely to spoil during rain.
Citrus	Flowering		<ul> <li>If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees or other insects</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Timely/regular removal of extra suckers, dry leaves &amp;</li> </ul>
			pseudo-steam

	AGROFORESTRY					
Toko Palm						
			for nursery			
	LIVESTOCKS					
Livestock	Stage	Disease	Precautionary Practices to be followed			
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is</li> </ul>			
Poultry	All stages		<ul> <li>Avoid rearing of Day-Old-Chicks</li> <li>Provide sufficient bedding materials to keep them warm</li> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>			
Fishery			<ul> <li>Use soil-water probiotics in fish pond for making disease free environment</li> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>			
Dog		Canine Parvovirus	Vaccinate as per consultation with vet			
Cattle		FMD	Vaccination is advocated			
Contact Scien	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: - <a href="mailto:IAAS.BASAR@gmail.com">IAAS.BASAR@gmail.com</a>, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit ICAR, BASAR

(Period: 29th March to 1st April, 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: 26/2015-16/Tue

Dated: 29<sup>th</sup> March, 2016



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

Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall: 3.1 mm; T. Max: 32.4°C; T. Min:	Partial cloud cover with possibility of light to moderate rainfall in
18.5°C; RH: 49-98%	next 2-3 days. Max Temp=27°C and Min Temp=17°C, RH=50-88%,
	Wind Speed=2-6 kmph, Wind direction: W
Warning:	Non

#### Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging pond for construction of *Jalkunds*.
- 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		<b>Precautionary Practices to be followed</b>	
	FIELD CROPS				
Mustard/Pea/ot			•	Proper drying of harvested crops for seed purpose has to	
her crops				be done for maintaining viability of seed and reducing	
				storage pests	
Maize/ cowpea			•	Right time for sowing of local/early maize and Cowpea	

			• Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea		Powdery Mildew	<ul> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
Summer			VEGETABLES  Dight time for the coming of summer vegetables like
Vegetables  Pea/Cauliflow	Vegetative	Leaf eating	<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> <li>On clear weather, spray of Azadirachtin 0.15% EC @</li> </ul>
er/Cabbage	J	insects	6ml/lit against leaf eating insects in cabbage/cauliflower,/pea & other vegetables is advocated using stickers.
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> </ul>
			<ul> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
			FRUIT CROPS
Citrus	Flowering		<ul> <li>Avoid spray of insecticide if flowering begin as it may hinder pollination by honey bees and other insects.</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> </ul>
			<ul> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
Banana			Timely/regular removal of extra suckers, dry leaves & pseudo-steam
Toko Palm		A	GROFORESTRY  Solving of goods of take palm in poly bags @ 1 good/bag
TOKO FAIIII			<ul> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> <li>LIVESTOCKS</li> </ul>
Livestock	Stage	Disease	Precautionary Practices to be followed

Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4% NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		<ul> <li>Provide sufficient bedding materials to keep them warm</li> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery			<ul> <li>Use soil-water probiotics in fish pond for making disease free environment</li> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle		FMD	Vaccination is advocated
Contact Scien	tists (ICAR) or	_	or KVK staff for measures against adverse conditions or call

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at 03795-226237/226247

Agrometeorological Field Unit ICAR, BASAR

(Period: 29th March to 1st April, 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: 26/2015-16/Tue

Dated: 29th March, 2016



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

Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = 0.0	Partial cloud cover with possibility of very light rain in next 2-3
	days. Max Temp=12°C and Min Temp=3°C, RH=46-92%, Wind
	Speed=2-10 kmph, Wind direction: WNW

### Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging pond for construction of Jalkunds.
- 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

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
			<b>FIELD</b>	CROPS
Mustard/Pea/ot her crops			•	Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing
				storage pests

Toria/mustard  Maize (winter)  Pea  Powdery Mildew	P @ 1g/lit or
Pea Powdery Need based spray of Carbendazim 50W. Mildew Difenoconazole 5EC @ 0.5 ml/lit against pow	
Pea Powdery Need based spray of Carbendazim 50W. Mildew Difenoconazole 5EC @ 0.5 ml/lit against pow	
Mildew Difenoconazole 5EC @ 0.5 ml/lit against pow	
	/
Cultural  • Deep summer ploughing can be carried	out during any
Practices sunny days of this month for better soil	
performance.	
Incorporation of left over crop residue/sto	vers is higherly
recommended during ploughing for cultiva	tion of any per-
kharif & kharif crops.	
VEGETABES	
Summer • Right time for the sowing of summer •	· ·
Vegetables cucumber, sponge gourd, bottle gourd, lad	ies finger etc.
Get seeds/planting materials of	preferred or
recommended varieties from right sources	
Sowing of vegetables like okra/ladies finger a	and beans are not
recommended as they are likely to spoil during	g rain.
Pea/Cauliflow Vegetative Leaf eating • On clear weather, spray of Azadirachtin	0.15% EC @
er/Cabbage insects 6ml/lit against leaf eating	insects in
cabbage/cauliflower,/pea & other advocated.	vegetables is
Potato Harvesting Ants • Apply Neem-based granular insecticides in inhabiting insect pests/ants.	soil against soil
Store potatoes in a cool, well ventilated place	
• Don't wash potatoes before storing as dam	apness promotes
early spoilage.	
FRUIT CROPS	
Citrus Flowering • Avoid spray of insecticides during flowering	ng as it mav
hinder pollination by honey bees/other inse	•
Go for drenching with Dichlorvos 76 EC 6	
against trunk borer in citrus trees only if th	
over	
• During dry weather, spray Imagalil 34WP	-
against blue & green mauld in Khasi mand	iarin when the
harvesting is over	the plant
	-
Remove all water sprouts from the base of     Need based spray of Carbendazim 50WP (	→ 1⊆/11t U1
Need based spray of Carbendazim 50WP 0	•
	•
Need based spray of Carbendazim 50WP (     Difenoconazole 5EC @ 0.5 ml/lit against p	powdery
Need based spray of Carbendazim 50WP of Difenoconazole 5EC @ 0.5 ml/lit against particles.	powdery  @ 10-15 ppm
<ul> <li>Need based spray of Carbendazim 50WP of Difenoconazole 5EC @ 0.5 ml/lit against particle.</li> <li>Spray growth regulator like NAA or GA3 at flowering stage is advised to check flow orange.</li> </ul>	powdery @ 10-15 ppm ver drop in
<ul> <li>Need based spray of Carbendazim 50WP of Difenoconazole 5EC @ 0.5 ml/lit against particle.</li> <li>Spray growth regulator like NAA or GA3 at flowering stage is advised to check flow</li> </ul>	powdery @ 10-15 ppm ver drop in

Apple/Kiwi			Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen		
			Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk		
		Λ	GROFORESTRY		
Toko Palm	Nursery	A	Sowing of seeds of toko palm in poly bags @ 1 seed/bag		
Toko Tum	rearsery		for nursery		
			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.		
			Deworm at regular interval		
			<ul> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> </ul>		
			• Weaning is recommended at the age of 8 weeks for		
			crosbreds and 10 weeks for indigeneous pigs.		
			• Swine fever vaccine at the age of 8- 10 week is recommended.		
Poultry	All stages		Avoid rearing of Day-Old-Chicks		
			Provide sufficient bedding materials to keep them warm		
			Provide adequate clean drinking water+electrolyte		
			Vaccination as per the schedule with proper consultation with vet		
			• Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.		
			Provide anti-coccidial drugs		
			Remove wet litter/provide artificial heating and light		
			• Quarantine the newly procured birds for one month before introduction with old birds.		
Fishery			Use soil-water probiotics in fish pond for making disease free environment		
			<ul> <li>Right time for new pond excavation/old pond renovation.</li> </ul>		
			<ul> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>		
Dog		Canine	Vaccinate as per consultation with vet		
8		Parvovirus	Per Company (17th 19th		
Cattle		FMD	Vaccination is advocated		
Contact Scien	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

(Period: 29th March to 1st April, 2016)



## GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



Dated: 29th March, 2016



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

**District: Lohit** 

No: 26/2015-16/Fri



Weather summery of the previous week	Weather forecast valid up to 1 <sup>st</sup> April, 2016
Rainfall = 20.2 mm (Namsai); 9.2mm	Partial cloud cover with possibility of light rainfall is forecasted for
(Tezu)	next 2-3 days. Max Temp=21°C and Min Temp=11°C, RH=41-93%,
	Wind Speed=3-7 kmph, Wind direction: E
Warning:	Non

### Weather Based Agro-meteorological Advisories Bulletin

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- 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		<b>Precautionary Practices to be followed</b>			
FIELD CROPS							
Mustard/Pea/ot			•	Proper drying of harvested crops for seed purpose has to			
her crops				be done for maintaining viability of seed and reducing			
				storage pests			
Maize/ cowpea			•	Right time for sowing of local/early maize and Cowpea			
			•	Seed treatment of early maize/cowpea with Imidichloropid @			
				1-2g/10kg is recommended before sowing			

Toria/mustard			On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			Right time for harvesting
Pea		Powdery Mildew	<ul> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.</li> <li>Incorporation of left over crop residue/stovers is higherly recommended during ploughing for cultivation of any per-kharif &amp; kharif crops.</li> </ul>
			VEGETABES
Summer Vegetables			<ul> <li>Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> </ul>
Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	<ul> <li>On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea &amp; other vegetables is advocated</li> </ul>
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes early spoilage.</li> </ul>
			FRUIT CROPS
Citrus	Flowering		<ul> <li>If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees/insects.</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
Banana			Timely/regular removal of extra suckers, dry leaves &
			pseudo-steam GROFORESTRY
Toko Palm		A	
TOKO I dilli			<ul> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> <li>LIVESTOCKS</li> </ul>
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Distast	<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> </ul>

Poultry	All stages		<ul> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> <li>Avoid rearing of Day-Old-Chicks</li> <li>Provide sufficient bedding materials to keep them warm</li> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery			<ul> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>
Dog		Canine	Vaccinate as per consultation with vet
		Parvovirus	•
Cattle		FMD	Vaccination is advocated
Cattle	tists (ICAR) or	Parvovirus FMD	Vaccinate as per consultation with vet

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