



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Siang)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- Maximum temperature: NA
- Minimum Temperature: NA
- Rainfall:  
Pasighat – NA
- Relative humidity (%): NA

## Weather Forecast

- Rainfall – Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- Temperature – Temperature will vary between 10-23°C
- Relative Humidity - The RH is likely to be in the range of 19-88 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	<ul style="list-style-type: none"><li>Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</li></ul>
French bean	Sowing	Cut worm	<ul style="list-style-type: none"><li>Sowing of good quality treated seeds may be done.</li><li>Monitor seedlings against attack of cut worm.</li><li>Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water</li><li>Manual picking of larvae in the dusk hours,</li></ul>
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	<ul style="list-style-type: none"><li>Live saving irrigation may be done,</li><li>For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,</li><li>For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised,</li><li>Granular Chlorpyrifos may also be applied.</li></ul>
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"><li>Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.</li></ul>
Maize	Land preparation		<ul style="list-style-type: none"><li>Land preparation for sowing of upland early crop of maize may be done,</li><li>Deep ploughing,</li><li>Apply well decomposed FYM or dung</li><li>Procure good quality certified seeds,</li></ul>
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none"><li>Use of local method of rat control may be followed,</li><li>If damage is high, use Zinc phosphide bait in wheat floor,</li><li>Spraying of Sulfax @ 3gram per litre of water is advised,</li><li>Spraying of Thiovit @ 3 ml/litre of water,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"><li>Base drenching with Dichlorvos @ 4ml/litre of water,</li><li>Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,</li><li>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</li><li>Cleaning of lichens/mosses using gunny bag gently,</li></ul>
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"><li>Swabbing with Malathion/Chlorpyrifos,</li></ul>
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none"><li>Malathion dusting,</li><li>Spraying with Quinolpos,</li></ul>
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>Provide anti coccidial drugs on priority basis,</li><li>Newly born chicks-Provide heat source/limit ventilation,</li></ul>

			<ul style="list-style-type: none"> <li>Schedule vaccination should be followed,</li> <li>Check litter material,</li> </ul>
Pigs	All stages New born		<ul style="list-style-type: none"> <li>Provide heat source to the newly born piglets,</li> <li>Avoid dampening of bedding material,</li> </ul>
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> <li>Deworming/vaccinations</li> <li>As green feeds supply will decrease, provide quality feeds,</li> <li>Check poisonous weeds in collected fodder</li> <li>Cook the feed,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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

Agro Meteorological Field Unit  
 ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lohit)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- Rainfall: -
  - Tezu – NA
  - Namsai – NA

## Weather Forecast

- Rainfall: Clear/sunny/dry weather-next 2-3 days with cold morning fct.
- Temperature –The temperature is likely to be in the range of 10-25°C.
- Relative Humidity - The RH is likely to be in the range of 22-94 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Carrot	Vegetative Harvest	White rot	• <b>Postpone spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</b>
French bean	Sowing	Cut worm	• Sowing of good quality treated seeds may be done. • Monitor seedlings against attack of cut worm. • Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water • Manual picking of larvae in the dusk hours,
<b>FIELD CROPS</b>			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	• <b>Live saving irrigation may be done,</b> • For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, • For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, • Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	• Base drenching with Dichlorvos @ 4ml/litre of water, • Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	• Swabbing with Malathion/Chlorpyriphos,
<b>LIVESTOCKS and VETERINARY ASPECT</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• <b>Provide anti coccidial drugs on priority basis,</b> • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		• Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	• Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b>			

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Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lower Subansiri)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- Rainfall: -  
1. Ziro – NA

## Weather Forecast

- Rainfall – Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- Temperature - The temperature is likely to be in the range of 4-20°C.
- Relative Humidity - The RH is likely to be in the range of 29-88 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	<ul style="list-style-type: none"><li>Postpone spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</li></ul>
French bean	Sowing	Cut worm	<ul style="list-style-type: none"><li>Sowing of good quality treated seeds may be done.</li><li>Monitor seedlings against attack of cut worm.</li><li>Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water</li><li>Manual picking of larvae in the dusk hours,</li></ul>
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	<ul style="list-style-type: none"><li>Live saving irrigation may be done,</li><li>For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,</li><li>For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised,</li><li>Granular Chlorpyrifos may also be applied.</li></ul>
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"><li>Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.</li></ul>
Maize	Land preparation		<ul style="list-style-type: none"><li>Land preparation for sowing of upland early crop of maize may be done,</li><li>Deep ploughing,</li><li>Apply well decomposed FYM or dung</li><li>Procure good quality certified seeds,</li></ul>
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none"><li>Use of local method of rat control may be followed,</li><li>If damage is high, use Zinc phosphide bait in wheat floor,</li><li>Spraying of Sulfax @ 3gram per litre of water is advised,</li><li>Spraying of Thiovit @ 3 ml/litre of water,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"><li>Base drenching with Dichlorvos @ 4ml/litre of water,</li><li>Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,</li><li>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</li><li>Cleaning of lichens/mosses using gunny bag gently,</li></ul>
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"><li>Swabbing with Malathion/Chlorpyrifos,</li></ul>
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none"><li>Malathion dusting,</li><li>Spraying with Quinolpos,</li></ul>
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>Provide anti coccidial drugs on priority basis,</li><li>Newly born chicks-Provide heat source/limit ventilation,</li><li>Schedule vaccination should be followed,</li></ul>

			<ul style="list-style-type: none"> <li>• Check litter material,</li> </ul>
Pigs	All stages New born		<ul style="list-style-type: none"> <li>• Provide heat source to the newly born piglets,</li> <li>• Avoid dampening of bedding material,</li> </ul>
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> <li>• Deworming/vaccinations</li> <li>• As green feeds supply will decrease, provide quality feeds,</li> <li>• Check poisonous weeds in collected fodder</li> <li>• Cook the feed,</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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**Agrometeorological Field Unit**  
**ICAR, BASAR**





# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Papum Pare)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- Maximum temperature: NA
- Minimum Temperature: NA
- Relative Humidity (%):NA
- Rainfall: -
  1. Itanagar -NA
  2. Naharlagun -NA

## Weather Forecast

- Rainfall: Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- Temperature: The temperature is likely to be in the range of 5-25°C.
- Relative Humidity: The RH is likely to be in the range of 27-78 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	<ul style="list-style-type: none"><li>• <b>Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</b></li></ul>
French bean	Sowing	Cut worm	<ul style="list-style-type: none"><li>• Sowing of good quality treated seeds may be done.</li><li>• Monitor seedlings against attack of cut worm.</li><li>• Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water</li><li>• Manual picking of larvae in the dusk hours,</li></ul>
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	<ul style="list-style-type: none"><li>• <b>Live saving irrigation may be done,</b></li><li>• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,</li><li>• For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised,</li><li>• Granular Chlorpyriphos may also be applied.</li></ul>
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"><li>• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.</li></ul>
Maize	Land preparation		<ul style="list-style-type: none"><li>• Land preparation for sowing of upland early crop of maize may be done,</li><li>• Deep ploughing,</li><li>• Apply well decomposed FYM or dung</li><li>• Procure good quality certified seeds,</li></ul>
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none"><li>• Use of local method of rat control may be followed,</li><li>• If damage is high, use Zinc phosphide bait in wheat floor,</li><li>• Spraying of Sulfax @ 3gram per litre of water is advised,</li><li>• Spraying of Thiovit @ 3 ml/litre of water,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"><li>• Base drenching with Dichlorvos @ 4ml/litre of water,</li><li>• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,</li><li>• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</li><li>• Cleaning of lichens/mosses using gunny bag gently,</li></ul>
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"><li>• Swabbing with Malathion/Chlorpyriphos,</li></ul>
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none"><li>• Malathion dusting,</li><li>• Spraying with Quinolphos,</li></ul>
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>• <b>Provide anti coccidial drugs on priority basis,</b></li></ul>

			<ul style="list-style-type: none"> <li>Newly born chicks-Provide heat source/limit ventilation,</li> <li>Schedule vaccination should be followed,</li> <li>Check litter material,</li> </ul>
Pigs	All stages New born		<ul style="list-style-type: none"> <li>Provide heat source to the newly born piglets,</li> <li>Avoid dampening of bedding material,</li> </ul>
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> <li>Deworming/vaccinations</li> <li>As green feeds supply will decrease, provide quality feeds,</li> <li>Check poisonous weeds in collected fodder</li> <li>Cook the feed,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tawang)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- Rainfall: -
  - Tawang –NA

## Weather Forecast

- Rainfall**- Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- Temperature** - The temperature is likely to be in the range of 3-12°C.
- Relative Humidity** - The RH is likely to be in the range of 25-78 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FRUITS			
Apple	Lean period		<ul style="list-style-type: none"><li><i>Pruning of the trees</i> and application of Chaubatia paste/Bordeaux paste is advised,</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>Provide anti coccidial drugs on priority basis,</li><li>Newly born chicks-Provide heat source/limit ventilation,</li><li>Schedule vaccination should be followed,</li><li>Check litter material,</li></ul>
Pigs	All stages New born		<ul style="list-style-type: none"><li>Provide heat source to the newly born piglets,</li><li>Avoid dampening of bedding material,</li></ul>
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"><li>Deworming/vaccinations</li><li>As green feeds supply will decrease, provide quality feeds,</li><li>Check poisonous weeds in collected fodder</li><li>Cook the feed,</li></ul>
Fish	All stages		<ul style="list-style-type: none"><li>Maintain adequate water level in the pond,</li><li>Decrease the quantity of feed due to low activities or else provide feed in the warm hours,</li></ul>

**Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)**

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Agrometeorological Field Unit  
ICAR, BASAR





# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tirap)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- Rainfall: -
  - Khonsa –NA
  - Deomali –NA

## Weather Forecast

- Rainfall: Clear/sunny/dry weather-next 2-3 days with cold morning fcst.
- Temperature - The temperature is likely to be in the range of 8-24°C.
- Relative Humidity - The RH is likely to be in the range of 28-84 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	• <b>Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</b>
French bean	Sowing	Cut worm	• Sowing of good quality treated seeds may be done. • Monitor seedlings against attack of cut worm. • Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water • Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	• <b>Live saving irrigation may be done,</b> • For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, • For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, • Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	• Base drenching with Dichlorvos @ 4ml/litre of water, • Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	• Swabbing with Malathion/Chlorpyriphos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• <b>Provide anti coccidial drugs on priority basis,</b> • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		• Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	• Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b>			

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Agro Meteorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- Rainfall: -  
N Tuting – NA

## Weather Forecast

- Rainfall – Clear/sunny/dry weather-next 2-3 days with cold morning fcst.
- Temperature - The temperature is likely to be in the range of 10-22°C.
- Relative Humidity - The RH is likely to be in the range of 21-83 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Carrot	Vegetative Harvest	White rot	<ul style="list-style-type: none"> <li>• Postpone spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</li> </ul>
French bean	Sowing	Cut worm	<ul style="list-style-type: none"> <li>• Sowing of good quality treated seeds may be done.</li> <li>• Monitor seedlings against attack of cut worm.</li> <li>• Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water</li> <li>• Manual picking of larvae in the dusk hours,</li> </ul>
<b>FIELD CROPS</b>			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	<ul style="list-style-type: none"> <li>• Live saving irrigation may be done,</li> <li>• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,</li> <li>• For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised,</li> <li>• Granular Chlorpyriphos may also be applied.</li> </ul>
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> <li>• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.</li> </ul>
Maize	Land preparation		<ul style="list-style-type: none"> <li>• Land preparation for sowing of upland early crop of maize may be done,</li> <li>• Deep ploughing,</li> <li>• Apply well decomposed FYM or dung</li> <li>• Procure good quality certified seeds,</li> </ul>
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none"> <li>• Use of local method of rat control may be followed,</li> <li>• If damage is high, use Zinc phosphide bait in wheat floor,</li> <li>• Spraying of Sulfax @ 3gram per litre of water is advised,</li> <li>• Spraying of Thiovit @ 3 ml/litre of water,</li> </ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> <li>• Base drenching with Dichlorvos @ 4ml/litre of water,</li> <li>• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,</li> <li>• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</li> <li>• Cleaning of lichens/mosses using gunny bag gently,</li> </ul>
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none"> <li>• Malathion dusting,</li> <li>• Spraying with Quinolphos,</li> </ul>
<b>LIVESTOCKS and VETERINARY ASPECT</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>• Provide anti coccidial drugs on priority basis,</li> <li>• Newly born chicks-Provide heat source/limit ventilation,</li> <li>• Schedule vaccination should be followed,</li> <li>• Check litter material,</li> </ul>
Pigs	All stages New born		<ul style="list-style-type: none"> <li>• Provide heat source to the newly born piglets,</li> <li>• Avoid dampening of bedding material,</li> </ul>

Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"><li>• Deworming/vaccinations</li><li>• As green feeds supply will decrease, provide quality feeds,</li><li>• Check poisonous weeds in collected fodder</li><li>• Cook the feed,</li></ul>
<ul style="list-style-type: none"><li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b></li></ul>			

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Agro Meteorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- Rainfall: -
  - Daporijo- NA

## Weather Forecast

• <b>Rainfall</b> – Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
• <b>Temperature</b> - The temperature is likely to be in the range of 5-18°C.
• <b>Relative Humidity</b> - The RH is likely to be in the range of 30-89 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	• Postpone spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,
French bean	Sowing	Cut worm	• Sowing of good quality treated seeds may be done. • Monitor seedlings against attack of cut worm. • Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water • Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	• Live saving irrigation may be done, • For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, • For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, • Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		• Land preparation for sowing of upland early crop of maize may be done, • Deep ploughing, • Apply well decomposed FYM or dung • Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat  Powdery mildew Rust	• Use of local method of rat control may be followed, • If damage is high, use Zinc phosphide bait in wheat floor, • Spraying of Sulfax @ 3gram per litre of water is advised,  • Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	• Base drenching with Dichlorvos @ 4ml/litre of water, • Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	• Swabbing with Malathion/Chlorpyriphos,
Pineapple	Maturity	Rat	• Apply Zinc Phosphide bait,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• Provide anti coccidial drugs on priority basis, • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,

Pigs	All stages New born		<ul style="list-style-type: none"> <li>• Provide heat source to the newly born piglets,</li> <li>• Avoid dampening of bedding material,</li> </ul>
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> <li>• Deworming/vaccinations</li> <li>• As green feeds supply will decrease, provide quality feeds,</li> <li>• Check poisonous weeds in collected fodder</li> <li>• Cook the feed,</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agro Meteorological Field Unit  
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# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Kameng)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- Rainfall: - Bomdila –NA  
Bhalokpung -NA

## Weather Forecast

• <u>Rainfall</u> - Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion
• <u>Temperature</u> - The temperature is likely to be in the range of 3-13°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 33-87 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FRUITS			
Apple	Lean period		• <i>Pruning of the trees</i> and application of Chaubatia paste/Bordeaux paste is advised,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• <b>Provide anti coccidial drugs on priority basis,</b> • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		• Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	• Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
Fish	All stages		• Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours,

**Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)**

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Agrometeorological Field Unit  
ICAR, BASAR





# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Siang)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- During the period weather was partly cloudy with fog/humid during morning/evening hours.
  - Maximum temperature: **18.5°C**
  - Minimum Temperature: **4.8°C**
  - Rainfall: **0.0 mm**
  - Evapotranspiration: - -
  - Relative Humidity (%): **56-99%**
  - Soil moisture (m<sup>2</sup>/ m<sup>2</sup>): **0.23**
  - Prominent Wind Direction: **North East (Morning hours) & Variable (Afternoon)**
  - Average Wind Speed: **0.5 metres per second**
  - Average Sunshine hours : **3.4 hours**
- (Source-Agromet Observatory, Research Farm, Gori, ICAR RC for NEH Region, AP Centre, Basar)

## Weather Forecast

- Rainfall: Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- Temperature – Temperature will vary between 8-22 °C.
- Relative Humidity - The RH is likely to be in the range of 24-87 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	• <b>Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</b>
French bean	Sowing	Cut worm	• Sowing of good quality treated seeds may be done. • Monitor seedlings against attack of cut worm. • Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water • Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	• <b>Live saving irrigation may be done,</b> • For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, • For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, • Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		• Land preparation for sowing of upland early crop of maize may be done, • Deep ploughing, • Apply well decomposed FYM or dung • Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	• Use of local method of rat control may be followed, • If damage is high, use Zinc phosphide bait in wheat floor, • Spraying of Sulfax @ 3gram per litre of water is advised,  • Spraying of Thiovit @ 3 ml/litre of water,
Wheat	Land preparation		• Land preparation for sowing of wheat may be initiated,
Black gram Green gram	Land preparation		• Land preparation for sowing may be initiated • Procure quality seeds,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	• Base drenching with Dichlorvos @ 4ml/litre of water, • Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Cleaning of lichens/mosses using gunny bag gently,

Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> <li>Swabbing with Malathion/Chlorpyriphos,</li> </ul>
Pineapple	Maturity	Rat	<ul style="list-style-type: none"> <li>Apply Zinc Phosphide bait,</li> </ul>
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none"> <li>Malathion dusting,</li> <li>Spraying with Quinolphos,</li> </ul>
<b>LIVESTOCKS and VETERINARY ASPECT</b>			
<b>Livestock</b>	<b>Stage</b>	<b>Disease</b>	<b>Precautionary Practices to be followed</b>
Poultry	All stages		<ul style="list-style-type: none"> <li><b>Provide anti coccideal drugs on priority basis,</b></li> <li>Newly born chicks-Provide heat source/limit ventilation,</li> <li>Schedule vaccination should be followed,</li> <li>Check litter material,</li> </ul>
Pigs	All stages New born		<ul style="list-style-type: none"> <li>Provide heat source to the newly born piglets,</li> <li>Avoid dampening of bedding material,</li> </ul>
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> <li>Deworming/vaccinations</li> <li>As green feeds supply will decrease, provide quality feeds,</li> <li>Check poisonous weeds in collected fodder</li> <li>Cook the feed,</li> </ul>
Rabbitary	All stages	Snuffles	<ul style="list-style-type: none"> <li>Care new born,</li> <li>Monitor for snuffles,</li> </ul>
Fish	All stages		<ul style="list-style-type: none"> <li>Maintain adequate water level in the pond,</li> <li>Decrease the quantity of feed due to low activities or else provide feed in the warm hours,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agro Meteorological Field Unit  
 ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- **Rainfall:** -
  - Changlang –NA
  - Miao –NA

## Weather Forecast

• <b>Rainfall:</b> Clear/sunny/dry weather-next 2-3 days with cold morning fcst.
• <b>Temperature</b> - The temperature is likely to be in the range of 9-24°C
• <b>Relative Humidity</b> - The RH is likely to be in the range of 24-94%.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	• <b>Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</b>
French bean	Sowing	Cut worm	• Sowing of good quality treated seeds may be done. • Monitor seedlings against attack of cut worm. • Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water • Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	• <b>Live saving irrigation may be done,</b> • For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, • For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, • Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	• Base drenching with Dichlorvos @ 4ml/litre of water, • Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	• Swabbing with Malathion/Chlorpyriphos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• <b>Provide anti coccidial drugs on priority basis,</b> • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		• Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	• Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b>			

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Agro Meteorological Field Unit  
ICAR, BASAR





# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Dibang Valley)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

- **Rainfall:** -
  - Roing –NA
  - Anini – NA

## Weather Forecast

• <b><u>Rainfall:</u></b> Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
• <b><u>Temperature</u></b> – Temperature will vary between 5-22°C.
• <b><u>Relative Humidity</u></b> - The RH is likely to be in the range of 17-88 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	• <b>Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</b>
French bean	Sowing	Cut worm	• Sowing of good quality treated seeds may be done. • Monitor seedlings against attack of cut worm. • Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water • Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	• <b>Live saving irrigation may be done,</b> • For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, • For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised, • Granular Chlorpyrifos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		• Land preparation for sowing of upland early crop of maize may be done, • Deep ploughing, • Apply well decomposed FYM or dung • Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat  Powdery mildew Rust	• Use of local method of rat control may be followed, • If damage is high, use Zinc phosphide bait in wheat floor, • Spraying of Sulfax @ 3gram per litre of water is advised,  • Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	• Base drenching with Dichlorvos @ 4ml/litre of water, • Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	• Swabbing with Malathion/Chlorpyrifos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• <b>Provide anti coccidial drugs on priority basis,</b> • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		• Provide heat source to the newly born piglets,

			<ul style="list-style-type: none"> <li>Avoid dampening of bedding material,</li> </ul>
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> <li>Deworming/vaccinations</li> <li>As green feeds supply will decrease, provide quality feeds,</li> <li>Check poisonous weeds in collected fodder</li> <li>Cook the feed,</li> </ul>
Fish	All stages		<ul style="list-style-type: none"> <li>Maintain adequate water level in the pond,</li> <li>Decrease the quantity of feed due to low activities or else provide feed in the warm hours,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agro Meteorological Field Unit  
 ICAR, BASAR





# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Kameng)

No:-73/2013-14/Fri

Dated: 17<sup>th</sup> January, 2014

## Weather during the period

### Rainfall: -

- Seppa -NA

### Weather Forecast

- **Rainfall:** Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- **Temperature** - The temperature is likely to be in the range of 5-13°C.
- **Relative Humidity** - The RH is likely to be in the range of 33-87 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	• <b>Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,</b>
French bean	Sowing	Cut worm	• Sowing of good quality treated seeds may be done. • Monitor seedlings against attack of cut worm. • Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water • Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	• <b>Live saving irrigation may be done,</b> • For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, • For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, • Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		• Land preparation for sowing of upland early crop of maize may be done, • Deep ploughing, • Apply well decomposed FYM or dung • Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat  Powdery mildew Rust	• Use of local method of rat control may be followed, • If damage is high, use Zinc phosphide bait in wheat floor, • Spraying of Sulfax @ 3gram per litre of water is advised,  • Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	• Base drenching with Dichlorvos @ 4ml/litre of water, • Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	• Swabbing with Malathion/Chlorpyriphos,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	• Malathion dusting, • Spraying with Quinolphos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• <b>Provide anti coccideal drugs on priority basis,</b>

			<ul style="list-style-type: none"> <li>Newly born chicks-Provide heat source/limit ventilation,</li> <li>Schedule vaccination should be followed,</li> <li>Check litter material,</li> </ul>
Pigs	All stages New born		<ul style="list-style-type: none"> <li>Provide heat source to the newly born piglets,</li> <li>Avoid dampening of bedding material,</li> </ul>
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> <li>Deworming/vaccinations</li> <li>As green feeds supply will decrease, provide quality feeds,</li> <li>Check poisonous weeds in collected fodder</li> <li>Cook the feed,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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