



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Siang)

No:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- Maximum temperature: 23.7° C
- Minimum Temperature: 11.0 ° C
- Rainfall:  
Pasighat – 3.9 mm
- Relative humidity (%): 61-93

## Weather Forecast

- Rainfall – Clear weather-next 2/3 days with occasional thin clouds forecasted.
- Temperature – Temperature will vary between 10-24° C
- Relative Humidity - The RH is likely to be in the range of 21-84 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"><li>Harvest mature crop,</li><li>Weeding may be done,</li><li>In late sown crop, monitor the crop against attack of cut worm,</li></ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"><li>If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li></ul>
FIELD CROPS			
Potato	Tuber formation		<ul style="list-style-type: none"><li>Monitor the crop against attack of late blight and other abnormal development,</li></ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"><li>Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li><li>If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li><li>In late sown crop, thinning may be done to maintain proper plant count,</li></ul>
Honey bee			<ul style="list-style-type: none"><li>Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li><li>Provide sugar solution or honey at the entrance of the hive,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"><li>Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li><li><b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li><li>Bordeaux pasting,</li></ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"><li>Removal of heavily infested plants and deep burial in the pits,</li><li>Cleaning around the crop,</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>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is met with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li><li>Newly born chicks-Provide heat source/limit ventilation,</li><li>Schedule vaccination should be followed,</li></ul>
Pigs	All stages		<ul style="list-style-type: none"><li>Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li><li>Provide paddy straw to the newly born to ward off extreme cold,</li></ul>
Cattle	All stages		<ul style="list-style-type: none"><li>Deworming/vaccinations</li><li>Provide paddy straws for cushioning to the newly born calves,</li><li>Lighting to maintain warmth in the shade,</li></ul>

			<ul style="list-style-type: none"><li>As green feeds supply will decrease, provide quality feeds,</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><li>Harvest of mature fish,</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:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- Rainfall: -
  - Tezu – 1.0 mm
  - Namsai – 1.6 mm

## Weather Forecast

- Rainfall: Clear/dry weather-next 2/3 days with thick fog/cold morning & thereafter partially cloudy weather-few places forecasted.
- Temperature –The temperature is likely to be in the range of 5-23°C.
- Relative Humidity - The RH is likely to be in the range of 23-87 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> <li>• Harvest mature crop,</li> <li>• Weeding may be done,</li> <li>• In late sown crop, monitor the crop against attack of cut worm,</li> </ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> <li>• If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li> </ul>
<b>FIELD CROPS</b>			
Potato	Tuber formation		<ul style="list-style-type: none"> <li>• Monitor the crop against attack of late blight and other abnormal development,</li> </ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"> <li>• Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li> <li>• If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li> <li>• In late sown crop, thinning may be done to maintain proper plant count,</li> </ul>
Honey bee			<ul style="list-style-type: none"> <li>• Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li> <li>• Provide sugar solution or honey at the entrance of the hive,</li> </ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"> <li>• Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li> <li>• <b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li> <li>• Bordeaux pasting,</li> </ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> <li>• Removal of heavily infested plants and deep burial in the pits,</li> <li>• Cleaning around the crop,</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>• <b>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is meet with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li> <li>• Newly born chicks-Provide heat source/limit ventilation,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages		<ul style="list-style-type: none"> <li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li> <li>• Provide paddy straw to the newly born to ward off extreme cold,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <li>• Deworming/vaccinations</li> <li>• Provide paddy straws for cushioning to the newly born</li> </ul>

			<div>calves,</div> <div><ul style="list-style-type: none"><li>• Lighting to maintain warmth in the shade,</li><li>• As green feeds supply will decrease, provide quality feeds,</li></ul></div>
Fish	All stages		<div><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><li>• Harvest of mature fish,</li></ul></div>
<div><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></div>			

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)

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:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- Rainfall: -  
1. Ziro – 7.0 mm

## Weather Forecast

• <u>Rainfall</u> – Clear/dry weather-next 2/3 days with fog/cold morning & thereafter partially cloudy weather-few places forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 0-10°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 27-90 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> <li>• Harvest mature crop,</li> <li>• Weeding may be done,</li> <li>• In late sown crop, monitor the crop against attack of cut worm,</li> </ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> <li>• If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li> </ul>
<b>FIELD CROPS</b>			
Potato	Tuber formation		<ul style="list-style-type: none"> <li>• Monitor the crop against attack of late blight and other abnormal development,</li> </ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"> <li>• Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li> <li>• If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li> <li>• In late sown crop, thinning may be done to maintain proper plant count,</li> </ul>
Honey bee			<ul style="list-style-type: none"> <li>• Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li> <li>• Provide sugar solution or honey at the entrance of the hive,</li> </ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"> <li>• Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li> <li>• <b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li> <li>• Bordeaux pasting,</li> </ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> <li>• Removal of heavily infested plants and deep burial in the pits,</li> <li>• Cleaning around the crop,</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>• <b>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is met with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li> <li>• Newly born chicks-Provide heat source/limit ventilation,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages		<ul style="list-style-type: none"> <li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li> <li>• Provide paddy straw to the newly born to ward off extreme cold,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <li>• Deworming/vaccinations</li> <li>• Provide paddy straws for cushioning to the newly born calves,</li> </ul>

			<ul style="list-style-type: none"><li>• Lighting to maintain warmth in the shade,</li><li>• As green feeds supply will decrease, provide quality feeds,</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><li>• Harvest of mature fish,</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)

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:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- Maximum temperature: 24.8 °C
- Minimum Temperature: 8.0°C
- Relative Humidity (%):76-94
- Rainfall: -
  1. Itanagar -0.0 mm
  2. Naharlagun -2.0 mm

## Weather Forecast

- **Rainfall**: Clear/dry weather-next 2/3 days with fog/cold morning & thereafter partially cloudy weather-few places forecasted.
- **Temperature** - The temperature is likely to be in the range of 6-25°C.
- **Relative Humidity** - The RH is likely to be in the range of 27-79 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"><li>• Harvest mature crop,</li><li>• Weeding may be done,</li><li>• In late sown crop, monitor the crop against attack of cut worm,</li></ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"><li>• If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li></ul>
<b>FIELD CROPS</b>			
Potato	Tuber formation		<ul style="list-style-type: none"><li>• Monitor the crop against attack of late blight and other abnormal development,</li></ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"><li>• Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li><li>• If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li><li>• In late sown crop, thinning may be done to maintain proper plant count,</li></ul>
Honey bee			<ul style="list-style-type: none"><li>• Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li><li>• Provide sugar solution or honey at the entrance of the hive,</li></ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"><li>• Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li><li>• <b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li><li>• Bordeaux pasting,</li></ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"><li>• Removal of heavily infested plants and deep burial in the pits,</li><li>• Cleaning around the crop,</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>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is meet with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li><li>• Newly born chicks-Provide heat source/limit ventilation,</li><li>• Schedule vaccination should be followed,</li></ul>
Pigs	All stages		<ul style="list-style-type: none"><li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li><li>• Provide paddy straw to the newly born to ward off extreme cold,</li></ul>

Cattle	All stages		<ul style="list-style-type: none"><li>• Deworming/vaccinations</li><li>• Provide paddy straws for cushioning to the newly born calves,</li><li>• Lighting to maintain warmth in the shade,</li><li>• As green feeds supply will decrease, provide quality feeds,</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><li>• Harvest of mature fish,</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)

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:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- Rainfall: -  
1. Tawang –11.0 mm

## Weather Forecast

- Rainfall- Clear/dry weathers-next 2/3 days with thick fog/cold morning & thereafter partially cloudy weather-few places fcst.
- Temperature - The temperature is likely to be in the range of 0-10°C.
- Relative Humidity - The RH is likely to be in the range of 45-89 %.

## 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>• <b>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is meet with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li><li>• Newly born chicks-Provide heat source/limit ventilation,</li><li>• Schedule vaccination should be followed,</li></ul>
Cattle	All stages		<ul style="list-style-type: none"><li>• Deworming/vaccinations</li><li>• Provide paddy straws for cushioning to the newly born calves,</li><li>• Lighting to maintain warmth in the shade,</li><li>• As green feeds supply will decrease, provide quality feeds,</li></ul>
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none"><li>• Vaccinate against the PPR,</li><li>• Provide mineral mixture,</li></ul>
Pigs	All stages		<ul style="list-style-type: none"><li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li><li>• Provide paddy straw or any cushioning material to the newly born to ward off extreme cold,</li></ul>

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

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)

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:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- Rainfall: -
  - Khonsa –NA
  - Deomali –0.8 mm

## Weather Forecast

• <b>Rainfall</b> : Clear/dry weather-next 2/3 days with thick fog/cold morning & thereafter partially cloudy weather-few places forecasted.
• <b>Temperature</b> - The temperature is likely to be in the range of 5-23°C.
• <b>Relative Humidity</b> - The RH is likely to be in the range of 33-99 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> <li>• Harvest mature crop,</li> <li>• Weeding may be done,</li> <li>• In late sown crop, monitor the crop against attack of cut worm,</li> </ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> <li>• If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li> </ul>
<b>FIELD CROPS</b>			
Potato	Tuber formation		<ul style="list-style-type: none"> <li>• Monitor the crop against attack of late blight and other abnormal development,</li> </ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"> <li>• Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li> <li>• If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li> <li>• In late sown crop, thinning may be done to maintain proper plant count,</li> </ul>
Honey bee			<ul style="list-style-type: none"> <li>• Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li> <li>• Provide sugar solution or honey at the entrance of the hive,</li> </ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"> <li>• Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li> <li>• <b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li> <li>• Bordeaux pasting,</li> </ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> <li>• Removal of heavily infested plants and deep burial in the pits,</li> <li>• Cleaning around the crop,</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>• <b>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is met with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li> <li>• Newly born chicks-Provide heat source/limit ventilation,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages		<ul style="list-style-type: none"> <li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li> <li>• Provide paddy straw to the newly born to ward off extreme cold,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <li>• Deworming/vaccinations</li> <li>• Provide paddy straws for cushioning to the newly born</li> </ul>

			calves, <ul style="list-style-type: none"> <li>• Lighting to maintain warmth in the shade,</li> <li>• As green feeds supply will decrease, provide quality feeds,</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> <li>• Harvest of mature fish,</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



(Upper Siang)

No:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- Rainfall: -  
N Tuting – 0.0 mm

## Weather Forecast

- Rainfall – Clear/dry weather-next 1/2 days with fog/cold morning & thereafter partially cloudy weather/light rains-few places forecasted.
- Temperature - The temperature is likely to be in the range of 2-16°C.
- Relative Humidity - The RH is likely to be in the range of 16-90 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> <li>• Harvest mature crop,</li> <li>• Weeding may be done,</li> <li>• In late sown crop, monitor the crop against attack of cut worm,</li> </ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> <li>• If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li> </ul>
<b>FIELD CROPS</b>			
Potato	Tuber formation		<ul style="list-style-type: none"> <li>• Monitor the crop against attack of late blight and other abnormal development,</li> </ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"> <li>• Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li> <li>• If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li> <li>• In late sown crop, thinning may be done to maintain proper plant count,</li> </ul>
Honey bee			<ul style="list-style-type: none"> <li>• Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li> <li>• Provide sugar solution or honey at the entrance of the hive,</li> </ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"> <li>• Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li> <li>• <b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li> <li>• Bordeaux pasting,</li> </ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> <li>• Removal of heavily infested plants and deep burial in the pits,</li> <li>• Cleaning around the crop,</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>• <b>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is meet with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li> <li>• Newly born chicks-Provide heat source/limit ventilation,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages		<ul style="list-style-type: none"> <li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li> <li>• Provide paddy straw to the newly born to ward off extreme cold,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <li>• Deworming/vaccinations</li> <li>• Provide paddy straws for cushioning to the newly born calves,</li> <li>• Lighting to maintain warmth in the shade,</li> </ul>

			<ul style="list-style-type: none"> <li>As green feeds supply will decrease, provide quality feeds,</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> <li>Harvest of mature fish,</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



(Upper Subansiri)

No:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- Rainfall: -
  - Daporijo- 12.4 mm

## Weather Forecast

- Rainfall** – Clear/dry weather-next 1/2 days with fog/cold morning hours & thereafter partially cloudy weather with light rains in few places forecasted.
- Temperature** - The temperature is likely to be in the range of 2-15°C.
- Relative Humidity** - The RH is likely to be in the range of 22-91 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"><li>Harvest mature crop,</li><li>Weeding may be done,</li><li>In late sown crop, monitor the crop against attack of cut worm,</li></ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"><li>If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li></ul>
FIELD CROPS			
Potato	Tuber formation		<ul style="list-style-type: none"><li>Monitor the crop against attack of late blight and other abnormal development,</li></ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"><li>Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li><li>If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li><li>In late sown crop, thinning may be done to maintain proper plant count,</li></ul>
Honey bee			<ul style="list-style-type: none"><li>Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li><li>Provide sugar solution or honey at the entrance of the hive,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"><li>Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li><li><b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li><li>Bordeaux pasting,</li></ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"><li>Removal of heavily infested plants and deep burial in the pits,</li><li>Cleaning around the crop,</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>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is meet with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li><li>Newly born chicks-Provide heat source/limit ventilation,</li><li>Schedule vaccination should be followed,</li></ul>
Pigs	All stages		<ul style="list-style-type: none"><li>Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li><li>Provide paddy straw to the newly born to ward off extreme cold,</li></ul>
Cattle	All stages		<ul style="list-style-type: none"><li>Deworming/vaccinations</li><li>Provide paddy straws for cushioning to the newly born calves,</li><li>Lighting to maintain warmth in the shade,</li></ul>



			<ul style="list-style-type: none"> <li>As green feeds supply will decrease, provide quality feeds,</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> <li>Harvest of mature fish,</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



(West Kameng)

No:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- Rainfall: - Bomdila –0.0 mm  
Bhalokpung – 0.0 mm

## Weather Forecast

- Rainfall- Clear/dry weather-next 2/3 days with thick fog/cold morning & thereafter partially cloudy weather-few places fcst.
- Temperature - The temperature is likely to be in the range of 2-13°C.
- Relative Humidity - The RH is likely to be in the range of 31-86 %.

## 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>• <b>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is meet with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li><li>• Newly born chicks-Provide heat source/limit ventilation,</li><li>• Schedule vaccination should be followed,</li></ul>
Cattle	All stages		<ul style="list-style-type: none"><li>• Deworming/vaccinations</li><li>• Provide paddy straws for cushioning to the newly born calves,</li><li>• Lighting to maintain warmth in the shade,</li><li>• As green feeds supply will decrease, provide quality feeds,</li></ul>
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none"><li>• Vaccinate against the PPR,</li><li>• Provide mineral mixture,</li></ul>
Pigs	All stages		<ul style="list-style-type: none"><li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li><li>• Provide paddy straw or any cushioning material to the newly born to ward off extreme cold,</li></ul>

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

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)

**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:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- During the period weather was clear and dry during day time with fog during morning hours. Weather was partially cloudy and rain was recorded during 14<sup>th</sup>.
  - Maximum temperature: **19.5°C**
  - Minimum Temperature: **3.2°C**
  - Rainfall: **3.5 mm**
  - Evapotranspiration: - -
  - Relative Humidity (%): **37-99%**
  - Soil moisture (m<sup>2</sup>/ m<sup>2</sup>): **0.25**
  - Prominent Wind Direction: **North East (Morning hours) & South West (Afternoon)**
  - Average Wind Speed: **1.3 metres per second**
  - Average Sunshine hours : **4.1 hours**
- (Source-Agromet Observatory, Research Farm, Gori, ICAR RC for NEH Region, AP Centre, Basar)

## Weather Forecast

- Rainfall:** Clear/dry weather-next 1/2 days with fog/cold morning hours & thereafter partially cloudy weather with light rains in few places forecasted.
- Temperature** – Temperature will vary between 4-20 °C.
- Relative Humidity** - The RH is likely to be in the range of 20-89 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"><li>Harvest mature crop,</li><li>Weeding may be done,</li><li>In late sown crop, monitor the crop against attack of cut worm,</li></ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"><li>If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li></ul>
<b>FIELD CROPS</b>			
Potato	Tuber formation		<ul style="list-style-type: none"><li>Monitor the crop against attack of late blight and other abnormal development,</li></ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"><li>Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li><li>If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li><li>In late sown crop, thinning may be done to maintain proper plant count,</li></ul>
Honey bee			<ul style="list-style-type: none"><li>Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li><li>Provide sugar solution or honey at the entrance of the hive,</li></ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"><li>Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li><li><b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li><li>Bordeaux pasting,</li></ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"><li>Removal of heavily infested plants and deep burial in the pits,</li><li>Cleaning around the crop,</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><b>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is met with from supply outside.</b></li></ul>

			<p><b>These poultry carry the diseases to the local birds of the state.</b></p> <ul style="list-style-type: none"> <li>Newly born chicks-Provide heat source/limit ventilation,</li> <li>Schedule vaccination should be followed,</li> </ul>
Pigs	All stages		<ul style="list-style-type: none"> <li>Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li> <li>Provide paddy straw to the newly born to ward off extreme cold,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <li>Deworming/vaccinations</li> <li>Provide paddy straws for cushioning to the newly born calves,</li> <li>Lighting to maintain warmth in the shade,</li> <li>As green feeds supply will decrease, provide quality feeds,</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> <li>Harvest of mature fish,</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



(Changlang)

No:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- **Rainfall:** -
  - Changlang –0.0 mm
  - Miao – 0.6 mm

## Weather Forecast

• <b>Rainfall:</b> Clear/dry weather-next 2/3 days with thick fog/cold morning & thereafter partially cloudy weather-few places forecasted.
• <b>Temperature</b> - The temperature is likely to be in the range of 5-23 °C.
• <b>Relative Humidity</b> - The RH is likely to be in the range of 21-86 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> <li>• Harvest mature crop,</li> <li>• Weeding may be done,</li> <li>• In late sown crop, monitor the crop against attack of cut worm,</li> </ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> <li>• If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li> </ul>
<b>FIELD CROPS</b>			
Potato	Tuber formation		<ul style="list-style-type: none"> <li>• Monitor the crop against attack of late blight and other abnormal development,</li> </ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"> <li>• Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li> <li>• If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li> <li>• In late sown crop, thinning may be done to maintain proper plant count,</li> </ul>
Honey bee			<ul style="list-style-type: none"> <li>• Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li> <li>• Provide sugar solution or honey at the entrance of the hive,</li> </ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"> <li>• Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li> <li>• <b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li> <li>• Bordeaux pasting,</li> </ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> <li>• Removal of heavily infested plants and deep burial in the pits,</li> <li>• Cleaning around the crop,</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>• <b>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is met with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li> <li>• Newly born chicks-Provide heat source/limit ventilation,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages		<ul style="list-style-type: none"> <li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li> <li>• Provide paddy straw to the newly born to ward off extreme cold,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <li>• Deworming/vaccinations</li> <li>• Provide paddy straws for cushioning to the newly born</li> </ul>

			<div>calves,</div> <div><ul style="list-style-type: none"><li>• Lighting to maintain warmth in the shade,</li><li>• As green feeds supply will decrease, provide quality feeds,</li></ul></div>
Fish	All stages		<div><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><li>• Harvest of mature fish,</li></ul></div>
<div><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></div>			

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



(Dibang Valley)

No:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

- **Rainfall:** -
  - Roing –NA
  - Anini – 6.0 mm

## Weather Forecast

- **Rainfall:** Clear/dry weather-next 2/3 days with cold morning and partially cloudy weather on some days-fcst.
- **Temperature** – Temperature will vary between 4-17°C.
- **Relative Humidity** - The RH is likely to be in the range of 21-76 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"><li>• Harvest mature crop,</li><li>• Weeding may be done,</li><li>• In late sown crop, monitor the crop against attack of cut worm,</li></ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"><li>• If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li></ul>
FIELD CROPS			
Potato	Tuber formation		<ul style="list-style-type: none"><li>• Monitor the crop against attack of late blight and other abnormal development,</li></ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"><li>• Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li><li>• If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li><li>• In late sown crop, thinning may be done to maintain proper plant count,</li></ul>
Honey bee			<ul style="list-style-type: none"><li>• Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li><li>• Provide sugar solution or honey at the entrance of the hive,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"><li>• Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li><li>• <b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li><li>• Bordeaux pasting,</li></ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"><li>• Removal of heavily infested plants and deep burial in the pits,</li><li>• Cleaning around the crop,</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>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is met with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li><li>• Newly born chicks-Provide heat source/limit ventilation,</li><li>• Schedule vaccination should be followed,</li></ul>
Pigs	All stages		<ul style="list-style-type: none"><li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li><li>• Provide paddy straw to the newly born to ward off extreme cold,</li></ul>
Cattle	All stages		<ul style="list-style-type: none"><li>• Deworming/vaccinations</li><li>• Provide paddy straws for cushioning to the newly born calves,</li></ul>



			<ul style="list-style-type: none"><li>• Lighting to maintain warmth in the shade,</li><li>• As green feeds supply will decrease, provide quality feeds,</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><li>• Harvest of mature fish,</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



(East Kameng)

No:-64/2013-14/Tue

Dated: 17<sup>th</sup> December, 2013

## Weather during the period

### Rainfall: -

- Seppa -6.0 mm

### Weather Forecast

- Rainfall : Clear/dry weather-next 2/3 days with fog/cold morning & thereafter partially cloudy weather-few places fcst.
- Temperature - The temperature is likely to be in the range of 2-11 °C.
- Relative Humidity - The RH is likely to be in the range of 27-84 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"><li>• Harvest mature crop,</li><li>• Weeding may be done,</li><li>• In late sown crop, monitor the crop against attack of cut worm,</li></ul>
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"><li>• If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,</li></ul>
<b>FIELD CROPS</b>			
Potato	Tuber formation		<ul style="list-style-type: none"><li>• Monitor the crop against attack of late blight and other abnormal development,</li></ul>
Mustard	Flowering/ Pod formation	Powdery mildew/ Downy mildew	<ul style="list-style-type: none"><li>• Present weather conditions are highly favourable for attack of diseases. Closely monitor the crop,</li><li>• If severity of diseases is high apply Redomil MZ @2.5 grams per litre of water,</li><li>• In late sown crop, thinning may be done to maintain proper plant count,</li></ul>
Honey bee			<ul style="list-style-type: none"><li>• Cover hives with insulating materials/reduce hive entrance /keep in sunny place,</li><li>• Provide sugar solution or honey at the entrance of the hive,</li></ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Harvesting	Trunk borer/ Fruit fly	<ul style="list-style-type: none"><li>• Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit,</li><li>• <b>In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,</b></li><li>• Bordeaux pasting,</li></ul>
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"><li>• Removal of heavily infested plants and deep burial in the pits,</li><li>• Cleaning around the crop,</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>Properly dispose carcass of poultry brought from market as they are the main cause of diseases. As New Year and other functions are being celebrated all around, the demand for chicken is high which is met with from supply outside. These poultry carry the diseases to the local birds of the state.</b></li><li>• Newly born chicks-Provide heat source/limit ventilation,</li><li>• Schedule vaccination should be followed,</li></ul>
Pigs	All stages		<ul style="list-style-type: none"><li>• Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns,</li><li>• Provide paddy straw to the newly born to ward off extreme cold,</li></ul>
Cattle	All stages		<ul style="list-style-type: none"><li>• Deworming/vaccinations</li><li>• Provide paddy straws for cushioning to the newly born</li></ul>

			calves, <ul style="list-style-type: none"><li>• Lighting to maintain warmth in the shade,</li><li>• As green feeds supply will decrease, provide quality feeds,</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><li>• Harvest of mature fish,</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)

Agrometeorological Field Unit  
ICAR, BASAR