



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre
West Siang, Basar – 791 101



(Changlang)

No:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

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

Weather Forecast

• Rainfall: Clear/dry weather fcst next 2/3 days with morning fog.
• 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 20-80 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Lemon/ orange	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours,

			• Harvest of mature fish,
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- **Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37**

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

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

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:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

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

Weather Forecast

- **Rainfall:** Clear/dry weather fcst next 2/3 days with morning fog.
- **Temperature** – Temperature will vary between 2-14°C.
- **Relative Humidity** - The RH is likely to be in the range of 19-66 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water • Light irrigation,
Pea	Flowering Pod filling		<ul style="list-style-type: none"> • Light irrigation is advised,
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Khasi Mandarin	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> • Removal of heavily infested plants and deep burial in the pits, • Cleaning around the crop,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade,

			<ul style="list-style-type: none"> • As green feeds supply will decrease, provide quality feeds,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours, • Harvest of mature fish,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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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:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

Rainfall: -

- Seppa -NA

Weather Forecast

• Rainfall: Clear/dry weather fcst next 2/3 days with morning fog.
• 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 31-84 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water • Light irrigation,
Pea	Flowering Pod filling		<ul style="list-style-type: none"> • Light irrigation is advised,
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Khasi Mandarin	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> • Removal of heavily infested plants and deep burial in the pits, • Cleaning around the crop,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves,

			<ul style="list-style-type: none"> • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours, • Harvest of mature fish,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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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



(East Siang)

No:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

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

Weather Forecast

- Rainfall – Clear/dry weather fest next 2/3 days with morning fog.
- Temperature – Temperature will vary between 10-23° C
- Relative Humidity - The RH is likely to be in the range of 25-82 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water • Light irrigation,
Pea	Flowering Pod filling		<ul style="list-style-type: none"> • Light irrigation is advised,
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Khasi Mandarin	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> • Removal of heavily infested plants and deep burial in the pits, • Cleaning around the crop,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade,

			<ul style="list-style-type: none"> • As green feeds supply will decrease, provide quality feeds,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours, • Harvest of mature fish,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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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



(Lohit)

No:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

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

Weather Forecast

- Rainfall: Clear/dry weather fctst next 2/3 days with morning fog.
- 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 19-83 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water • Light irrigation,
Pea	Flowering Pod filling		<ul style="list-style-type: none"> • Light irrigation is advised,
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Lemon/ orange	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond,

- | | | | |
|--|--|--|---|
| | | | <ul style="list-style-type: none">• Decrease the quantity of feed due to low activities or else provide feed in the warm hours,• Harvest of mature fish, |
|--|--|--|---|

- **Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37**

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Contact: - 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:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

- Rainfall: -
1. Ziro – NA

Weather Forecast

- Rainfall – Clear/dry weather fcst next 2/3 days with morning fog.
- Temperature - The temperature is likely to be in the range of 1-10°C.
- Relative Humidity - The RH is likely to be in the range of 35-91 %.

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"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water
FRUIT CROPS			
Khasi Mandarin	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours, • Harvest of mature fish,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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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:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

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

Weather Forecast

- **Rainfall:** Clear/dry weather fcst next 2/3 days with morning fog.
- **Temperature** - The temperature is likely to be in the range of 6-22°C.
- **Relative Humidity** - The RH is likely to be in the range of 31-84 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water • Light irrigation,
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Khasi Mandarin	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> • Removal of heavily infested plants and deep burial in the pits, • Cleaning around the crop,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,

Fish	All stages		<ul style="list-style-type: none">• Maintain adequate water level in the pond,• Decrease the quantity of feed due to low activities or else provide feed in the warm hours,• Harvest of mature fish,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/ measures against adverse conditions or call at 03795226247/37			

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Contact: - 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:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

- Rainfall: -
1. Tawang –NA

Weather Forecast

• <u>Rainfall</u> - Clear/dry weather fcst next 2/3 days with morning fog.
• <u>Temperature</u> - The temperature is likely to be in the range of 1-8°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 29-82 %.

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"> • <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		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none"> • Vaccinate against the PPR, • Provide mineral mixture,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw or any cushioning material to the newly born to ward off extreme cold,

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:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

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

Weather Forecast

• Rainfall: Clear/dry weather fcst next 2/3 days with morning fog.
• 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 27-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water • Light irrigation,
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Lemon/ orange	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours,

			• Harvest of mature fish,
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- **Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37**

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

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

**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:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

- Rainfall: -
N Tuting – NA

Weather Forecast

• <u>Rainfall</u> – Clear/dry weather fcst next 2/3 days with morning fog.
• <u>Temperature</u> - The temperature is likely to be in the range of 2-16°C.
• <u>Relative Humidity</u> - 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
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Khasi Mandarin	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> • Removal of heavily infested plants and deep burial in the pits, • Cleaning around the crop,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else

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| | | | provide feed in the warm hours,
• Harvest of mature fish, |
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ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

- Rainfall: -
 - Daporijo- NA

Weather Forecast

• <u>Rainfall</u> – Clear/dry weather fcst next 2/3 days with morning fog.
• <u>Temperature</u> - The temperature is likely to be in the range of 3-12°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 35-89 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water • Light irrigation,
Pea	Flowering Pod filling		<ul style="list-style-type: none"> • Light irrigation is advised,
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Khasi Mandarin	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> • Removal of heavily infested plants and deep burial in the pits, • Cleaning around the crop,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,

Fish	All stages		<ul style="list-style-type: none">• Maintain adequate water level in the pond,• Decrease the quantity of feed due to low activities or else provide feed in the warm hours,• Harvest of mature fish,
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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:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

- Rainfall: - Bomdila –NA
Bhalokpong -NA

Weather Forecast

• <u>Rainfall</u> - Clear/dry weather fcst next 2/3 days with moderate/heavy morning fog.
• <u>Temperature</u> - The temperature is likely to be in the range of 2-12°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 34-90 %.

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"> • <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		<ul style="list-style-type: none"> • 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. • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none"> • Vaccinate against the PPR, • Provide mineral mixture,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw or any cushioning material to the newly born to ward off extreme cold,

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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Siang)

No:-68/2013-14/Tue

Dated: 31st December, 2013

Weather during the period

- During the period weather was partly cloudy/cold and humid during day time with fog during morning hours.
 - Maximum temperature: **16.8°C**
 - Minimum Temperature: **8.4°C**
 - Rainfall: **4.0 mm**
 - Evapotranspiration: - -
 - Relative Humidity (%): **71-99%**
 - Soil moisture (m^2/ m^2): **0.24**
 - Prominent Wind Direction: **North East (Morning hours) & South West (Afternoon)**
 - Average Wind Speed: **0.9 metres per second**
 - Average Sunshine hours : **0.2 hours**
- (Source-Agromet Observatory, Research Farm, Gori, ICAR RC for NEH Region, AP Centre, Basar)

Weather Forecast

- **Rainfall:** Clear/dry weather fcst next 2/3 days with morning fog.
- **Temperature** – Temperature will vary between 4-17°C.
- **Relative Humidity** - The RH is likely to be in the range of 29-87 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Maturing/ Harvest	Cut worm	<ul style="list-style-type: none"> • Harvest mature crop, • Weeding may be done, • In late sown crop, monitor the crop against attack of cut worm,
French bean	Vegetative Fruiting	Cercospora Leaf Spot	<ul style="list-style-type: none"> • If symptoms appear spraying of Dithane M45 @ 2.5 grams per litre of water is advised,
FIELD CROPS			
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Strictly monitor the crop against attack of late blight and other abnormal development,
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Monitoring/if damage severe-spray Imidacloprid 17SL @1.5 ml/litre of water • Light irrigation,
Pea	Flowering Pod filling		<ul style="list-style-type: none"> • Light irrigation is advised,
Honey bee			<ul style="list-style-type: none"> • Cover hives with insulating materials/reduce hive entrance /keep in sunny place, • Provide sugar solution or honey at the entrance of the hive,
FRUIT CROPS			
Khasi Mandarin	Harvesting	Fruit fly	<ul style="list-style-type: none"> • Harvest the fruit maintaining some leaves. Also, as far as possible avoid damage to the fruit, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Bordeaux pasting,
Banana	All stages	Pseudostem weevil	<ul style="list-style-type: none"> • Removal of heavily infested plants and deep burial in the pits, • Cleaning around the crop,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • 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.

			<ul style="list-style-type: none"> • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed,
Pigs	All stages		<ul style="list-style-type: none"> • Add ferrous sulphate to the udder of the mother to supplement the iron demand of the new borns, • Provide paddy straw to the newly born to ward off extreme cold,
Cattle	All stages		<ul style="list-style-type: none"> • Deworming/vaccinations • Provide paddy straws for cushioning to the newly born calves, • Lighting to maintain warmth in the shade, • As green feeds supply will decrease, provide quality feeds,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours, • Harvest of mature fish,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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