



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Kameng)

No:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

### Rainfall: -

- Seppa -NA

### Weather Forecast

• <b>Rainfall</b> – Clear/dry weather fct-next 3-4 days. Thin fog fct during morning hours.
• <b>Temperature</b> - The temperature is likely to be in the range of 10-20 °C.
• <b>Relative Humidity</b> - The RH is likely to be in the range of 22-82 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>• <b>Maintain strict monitoring against leaf eating caterpillars,</b></li><li>• <b>Light weeding is advised,</b></li><li>• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <b><i>Chlorpyriphos/Imidacloprid</i></b> in recommended dose in the next one or two days when weather is clear. Dose-<b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>• Light interculture operations may be done,</li><li>• Spray Chlorpyriphos/Imidacloprid in recommended dose.</li></ul>
Carrot	Vegetative		<ul style="list-style-type: none"><li>• Light interculture operations should be done,</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>• Harvest mature crops,</li><li>• Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>• <b>Light interculture operations should be done,</b></li></ul>
FIELD CROPS			
WRC rice – Main crop ( <i>Mipun</i> )	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>• <b>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</b></li><li>• In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>• Wherever rat menace is there, install rat trap,</li><li>• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li></ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"><li>• Monitor the crop against attack of Cutworm,</li></ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"><li>• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li><li>• Spray Rogor @ 0.05% if infestation is observed,</li></ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li><li>• Monitor the crop against attack of leaf eating caterpillars,</li><li>• Thinning may be done to maintain proper plant count,</li></ul>
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none"><li>• Monitor for attack of cut worm in the germinated fields,</li><li>• Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,</li></ul>
Pea	Field preparation Sowing		
FRUIT CROPS			

Khasi Mandarin	Fruit development	Trunk borer, Ants Lichen/ Mosses Fruit fly	<ul style="list-style-type: none"> <li>• <b>In present weather conditions regularly collect and dispose off fallen fruits,</b></li> <li>• In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>• Use of light trap to attract adults is also advised.</li> <li>• Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</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</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>Backyard poultry:Release the bird late in the morning</b></li> <li>• Maintain warmth by lighting filament bulb in the shed,</li> <li>• In egg laying birds feed, add calcium,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>• Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li> <li>• Vaccinate against the swine fever,</li> <li>• Care pregnant animals,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <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>
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> <li>• Vaccination should be done post monsoon,</li> <li>• In young ones, BQ may be observed, vaccinate the animals,</li> </ul>
Dog	All stages	Rabies,	<ul style="list-style-type: none"> <li>• Vaccinate against rabies,</li> <li>• Deworming,</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>
<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



(East Siang)

No:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

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

## Weather Forecast

- Rainfall – Clear/dry weather fct-next 3-4 days. Thin fog fct during morning hours in few places.
- Temperature – Temperature will vary between 16-28 °C.
- Relative Humidity - The RH is likely to be in the range of 22-84 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>• <b>Maintain strict monitoring against leaf eating caterpillars,</b></li><li>• <b>Light weeding is advised,</b></li><li>• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <b><i>Chlorpyrifos/Imidacloprid</i></b> in recommended dose in the next one or two days when weather is clear. Dose-<b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>• Light interculture operations may be done,</li><li>• Spray Chlorpyrifos/Imidacloprid in recommended dose.</li></ul>
Carrot	Vegetative		<ul style="list-style-type: none"><li>• Light interculture operations should be done,</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>• Harvest mature crops,</li><li>• Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>• <b>Light interculture operations should be done,</b></li></ul>
FIELD CROPS			
WRC rice – Main crop ( <i>Mipun</i> )	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>• <b>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</b></li><li>• In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>• Wherever rat menace is there, install rat trap,</li><li>• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li></ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"><li>• Monitor the crop against attack of Cutworm,</li></ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"><li>• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li><li>• Spray Rogor @ 0.05% if infestation is observed,</li></ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li><li>• Monitor the crop against attack of leaf eating caterpillars,</li><li>• Thinning may be done to maintain proper plant count,</li></ul>
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none"><li>• Monitor for attack of cut worm in the germinated fields,</li><li>• Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,</li></ul>
Pea	Sowing/ Vegetative		
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer,	<ul style="list-style-type: none"><li>• <b>In present weather conditions regularly collect and dispose off fallen fruits,</b></li><li>• In trunk borer attacked trees, cleaning of entry hole and</li></ul>

		Ants Lichen/ Mosses Fruit fly	treatment with Dichlorvos dipped cotton swabs is advised. <ul style="list-style-type: none"> <li>• Use of light trap to attract adults is also advised.</li> <li>• Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</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>Backyard poultry:Release the bird late in the morning</b></li> <li>• Maintain warmth by lighting filament bulb in the shed,</li> <li>• In egg laying birds feed, add calcium,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>• Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li> <li>• Vaccinate against the swine fever,</li> <li>• Care pregnant animals,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <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>
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> <li>• Vaccination should be done post monsoon,</li> <li>• In young ones, BQ may be observed, vaccinate the animals,</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>
Fish	All stages		<ul style="list-style-type: none"> <li>• Maintain adequate water level in the pond,</li> <li>• Pond sides should be properly cleaned,</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:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

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

## Weather Forecast

• <u>Rainfall</u> : Clear/dry weather fcst-next 3-4 days. Thin fog fcst during morning hours.
• <u>Temperature</u> –The temperature is likely to be in the range of 14-24°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 22-84 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>• <b>Maintain strict monitoring against leaf eating caterpillars,</b></li><li>• <b>Light weeding is advised,</b></li><li>• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyrifos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose- <b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>• Light interculture operations may be done,</li><li>• Spray Chlorpyrifos/Imidacloprid in recommended dose.</li></ul>
Carrot	Vegetative		<ul style="list-style-type: none"><li>• Light interculture operations should be done,</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>• Harvest mature crops,</li><li>• Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>• <b>Light interculture operations should be done,</b></li></ul>
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>• <b>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</b></li><li>• In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>• Wherever rat menace is there, install rat trap,</li><li>• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>• <i>Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</i></li></ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"><li>• Monitor the crop against attack of Cutworm,</li></ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"><li>• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li><li>• Spray Rogor @ 0.05% if infestation is observed,</li></ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li></ul>
Pea	Field preparation Sowing		<ul style="list-style-type: none"><li>• Monitor the crop against attack of leaf eating caterpillars,</li><li>• Thinning may be done to maintain proper plant count,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer, Ants Lichen/	<ul style="list-style-type: none"><li>• In present weather conditions farmers are advised to clean the basin along with dropped fruits.</li><li>• In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li><li>• Use of light trap to attract adults is also advised.</li></ul>



		Mosses Fruit fly	<ul style="list-style-type: none"> <li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li><b>Backyard poultry:</b>Release the bird late in the morning</li> <li>Maintain warmth by lighting filament bulb in the shed,</li> <li>In egg laying birds feed, add calcium,</li> <li>Schedule vaccination should be followed,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li> <li>Vaccinate against the swine fever,</li> <li>Care pregnant animals,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <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>
<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



(Lower Subansiri)

No:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

- Rainfall: -
  - Ziro – NA

## Weather Forecast

<ul style="list-style-type: none"><li><u>Rainfall</u> – Clear/dry weather fctst-next 3-4 days. Thin fog fctst during morning hours.</li></ul>
<ul style="list-style-type: none"><li><u>Temperature</u> - The temperature is likely to be in the range of 5-17°C.</li></ul>
<ul style="list-style-type: none"><li><u>Relative Humidity</u> - The RH is likely to be in the range of 21-85 %.</li></ul>

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>Maintain strict monitoring against leaf eating caterpillars,</li><li>Light weeding is advised,</li><li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyrifos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-<b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>Light interculture operations may be done,</li><li>Spray Chlorpyrifos/Imidacloprid in recommended dose.</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>Harvest mature crops,</li><li>Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>Light interculture operations should be done,</li></ul>
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</li><li>In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>Wherever rat menace is there, install rat trap,</li><li>When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer, Ants Lichen/ Mosses Fruit fly	<ul style="list-style-type: none"><li>In present weather conditions farmers are advised to clean the basin along with dropped fruits.</li><li>In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li><li>Use of light trap to attract adults is also advised.</li><li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>Backyard poultry:Release the bird late in the morning</li><li>Maintain warmth by lighting filament bulb in the shed,</li><li>In egg laying birds feed, add calcium,</li><li>Schedule vaccination should be followed,</li></ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"><li>Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li><li>Vaccinate against the swine fever,</li><li>Care pregnant animals,</li></ul>

Cattle	All stages		<ul style="list-style-type: none"><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>
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"><li>• Vaccination should be done post monsoon,</li><li>• In young ones, BQ may be observed, vaccinate the animals,</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:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

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

## Weather Forecast

- Rainfall** – Clear/dry weather fcst-next 3-4 days. Thin fog fcst during morning hours in few places.
- Temperature** - The temperature is likely to be in the range of 12-29°C.
- Relative Humidity** - The RH is likely to be in the range of 27-87 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>Maintain strict monitoring against leaf eating caterpillars,</li><li>Light weeding is advised,</li><li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <b>Chlorpyrifos/Imidacloprid</b> in recommended dose in the next one or two days when weather is clear. Dose- <b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>Light interculture operations may be done,</li><li>Spray Chlorpyrifos/Imidacloprid in recommended dose.</li></ul>
Carrot	Vegetative		<ul style="list-style-type: none"><li>Light interculture operations should be done,</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>Harvest mature crops,</li><li>Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>Light interculture operations should be done,</li></ul>
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</li><li>In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>Wherever rat menace is there, install rat trap,</li><li>When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li></ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"><li>Monitor the crop against attack of Cutworm,</li></ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"><li>To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li><li>Spray Rogor @ 0.05% if infestation is observed,</li></ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"><li>Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li><li>Monitor the crop against attack of leaf eating caterpillars,</li><li>Thinning may be done to maintain proper plant count,</li></ul>
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none"><li>Monitor for attack of cut worm in the germinated fields,</li><li>Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl</li></ul>
Pea	Field preparation		

	Sowing		dust in severely damaged fields may be done,
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer, Ants Lichen/ Mosses Fruit fly	<ul style="list-style-type: none"> <li>• <b>In present weather conditions regularly collect and dispose off fallen fruits,</b></li> <li>• In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>• Use of light trap to attract adults is also advised.</li> <li>• Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</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			
<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>Backyard poultry:Release the bird late in the morning</b></li> <li>• Maintain warmth by lighting filament bulb in the shed,</li> <li>• In egg laying birds feed, add calcium,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>• Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li> <li>• Vaccinate against the swine fever,</li> <li>• Care pregnant animals,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <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>
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> <li>• Vaccination should be done post monsoon,</li> <li>• In young ones, BQ may be observed, vaccinate the animals,</li> </ul>
Dog	All stages	Rabies,	<ul style="list-style-type: none"> <li>• Vaccinate against rabies,</li> <li>• Deworming,</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>
<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:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

- Rainfall: -  
1. Tawang –NA

## Weather Forecast

- Rainfall- Clear/dry/cold weather fct-next 3-4 days.Fog fct in some places.
- Temperature - The temperature is likely to be in the range of 5-16 °C.
- Relative Humidity - The RH is likely to be in the range of 17-71 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FRUITS			
Apple	Harvesting	Fruit Fly  Trunk Borer	<ul style="list-style-type: none"><li>• Monitor fruit fly damage,</li><li>• Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li><li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li><li>• Installation of light traps to capture adults.</li><li>• Urgent/immediate treatment of affected parts of trees,</li></ul>
VEGETABLE CROPS			
Cauliflower / Cabbage/ Radish	Harvesting	Cutworm  Diamond back moth	<ul style="list-style-type: none"><li>• <b>Monitor crop against attack of cutworm in the field,</b></li><li>• In present weather conditions, monitor the crop against attack of DBM caterpillars,</li><li>• If damage level is high, spraying of <i>Bt</i> formulation may be done,</li></ul>
Radish	Vegetative Maturity		<ul style="list-style-type: none"><li>• <b>Harvest,</b></li></ul>
Mustard (leafy vegetables)	Sowing Vegetative		<ul style="list-style-type: none"><li>• <b>Sowing of good quality seeds for leafy vegetable purpose may be done,</b></li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>• <b>Backyard poultry:Release the bird late in the morning</b></li><li>• Maintain warmth by lighting filament bulb in the shed,</li><li>• In egg laying birds feed, add calcium,</li><li>• Schedule vaccination should be followed,</li></ul>
Cattle	All stages		<ul style="list-style-type: none"><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	Swine fever	<ul style="list-style-type: none"><li>• Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li><li>• Vaccinate against the swine fever,</li><li>• Care pregnant animals,</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)</b>			

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:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

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

## Weather Forecast

• <u>Rainfall</u> – Clear/dry weather fct-next 3-4 days. Thin fog fct during morning hours.
• <u>Temperature</u> - The temperature is likely to be in the range of 16-26°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 27-99 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>• <b>Maintain strict monitoring against leaf eating caterpillars,</b></li><li>• <b>Light weeding is advised,</b></li><li>• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <b>Chlorpyrifos/Imidacloprid</b> in recommended dose in the next one or two days when weather is clear. Dose- <b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>• Light interculture operations may be done,</li><li>• Spray Chlorpyrifos/Imidacloprid in recommended dose.</li></ul>
Carrot	Vegetative		<ul style="list-style-type: none"><li>• Light interculture operations should be done,</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>• Harvest mature crops,</li><li>• Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>• <b>Light interculture operations should be done,</b></li></ul>
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>• <b>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</b></li><li>• In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>• Wherever rat menace is there, install rat trap,</li><li>• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li></ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"><li>• Monitor the crop against attack of Cutworm,</li></ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"><li>• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li><li>• Spray Rogor @ 0.05% if infestation is observed,</li></ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li></ul>
Pea	Field preparation Sowing		<ul style="list-style-type: none"><li>• Monitor the crop against attack of leaf eating caterpillars,</li><li>• Thinning may be done to maintain proper plant count,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer, Ants Lichen/	<ul style="list-style-type: none"><li>• In present weather conditions farmers are advised to clean the basin along with dropped fruits.</li><li>• In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li><li>• Use of light trap to attract adults is also advised.</li></ul>

		Mosses Fruit fly	<ul style="list-style-type: none"> <li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li><b>Backyard poultry:</b>Release the bird late in the morning</li> <li>Maintain warmth by lighting filament bulb in the shed,</li> <li>In egg laying birds feed, add calcium,</li> <li>Schedule vaccination should be followed,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li> <li>Vaccinate against the swine fever,</li> <li>Care pregnant animals,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <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>
<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



(Upper Siang)

No:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

- Rainfall: -  
N Tuting – NA

## Weather Forecast

• <u>Rainfall</u> – Clear/dry weather fcst-next 3-4 days. Thin fog fcst during morning hours..
• <u>Temperature</u> - The temperature is likely to be in the range of 8-16°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 18-73 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>• <b>Maintain strict monitoring against leaf eating caterpillars,</b></li><li>• <b>Light weeding is advised,</b></li><li>• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose- <b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>• Light interculture operations may be done,</li><li>• Spray Chlorpyriphos/Imidacloprid in recommended dose.</li></ul>
Carrot	Vegetative		<ul style="list-style-type: none"><li>• Light interculture operations should be done,</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>• Harvest mature crops,</li><li>• Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>• <b>Light interculture operations should be done,</b></li></ul>
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>• <b>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</b></li><li>• In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>• Wherever rat menace is there, install rat trap,</li><li>• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li></ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"><li>• Monitor the crop against attack of Cutworm,</li></ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"><li>• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li><li>• Spray Rogor @ 0.05% if infestation is observed,</li></ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li><li>• Monitor the crop against attack of leaf eating caterpillars,</li><li>• Thinning may be done to maintain proper plant count,</li></ul>
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none"><li>• Monitor for attack of cut worm in the germinated fields,</li><li>• Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,</li></ul>
Pea	Field preparation Sowing		
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer,	<ul style="list-style-type: none"><li>• <b>In present weather conditions regularly collect and dispose off fallen fruits,</b></li><li>• In trunk borer attacked trees, cleaning of entry hole and</li></ul>

		Ants Lichen/ Mosses Fruit fly	treatment with Dichlorvos dipped cotton swabs is advised. <ul style="list-style-type: none"> <li>• Use of light trap to attract adults is also advised.</li> <li>• Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</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</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>Backyard poultry:Release the bird late in the morning</b></li> <li>• Maintain warmth by lighting filament bulb in the shed,</li> <li>• In egg laying birds feed, add calcium,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>• Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li> <li>• Vaccinate against the swine fever,</li> <li>• Care pregnant animals,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <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>
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> <li>• Vaccination should be done post monsoon,</li> <li>• In young ones, BQ may be observed, vaccinate the animals,</li> </ul>
Dog	All stages	Rabies,	<ul style="list-style-type: none"> <li>• Vaccinate against rabies,</li> <li>• Deworming,</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>
<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:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

- Rainfall: -
  - Daporijo- NA

## Weather Forecast

• <u>Rainfall</u> – Clear/dry weather fcst-next 3-4 days. Thin fog fcst during morning hours.
• <u>Temperature</u> - The temperature is likely to be in the range of 8-19°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 19-81 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>• <b>Maintain strict monitoring against leaf eating caterpillars,</b></li><li>• <b>Light weeding is advised,</b></li><li>• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyrifos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose- <b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>• Light interculture operations may be done,</li><li>• Spray Chlorpyrifos/Imidacloprid in recommended dose.</li></ul>
Carrot	Vegetative		<ul style="list-style-type: none"><li>• Light interculture operations should be done,</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>• Harvest mature crops,</li><li>• Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>• <b>Light interculture operations should be done,</b></li></ul>
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>• <b>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</b></li><li>• In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>• Wherever rat menace is there, install rat trap,</li><li>• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li></ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"><li>• Monitor the crop against attack of Cutworm,</li></ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"><li>• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li><li>• Spray Rogor @ 0.05% if infestation is observed,</li></ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li><li>• Monitor the crop against attack of leaf eating caterpillars,</li><li>• Thinning may be done to maintain proper plant count,</li></ul>
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none"><li>• Monitor for attack of cut worm in the germinated fields,</li><li>• Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,</li></ul>
Pea	Field preparation Sowing		
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer,	<ul style="list-style-type: none"><li>• <b>In present weather conditions regularly collect and dispose off fallen fruits,</b></li><li>• In trunk borer attacked trees, cleaning of entry hole and</li></ul>

		Ants Lichen/ Mosses Fruit fly	treatment with Dichlorvos dipped cotton swabs is advised. <ul style="list-style-type: none"> <li>• Use of light trap to attract adults is also advised.</li> <li>• Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</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			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>• <b>Backyard poultry:Release the bird late in the morning</b></li> <li>• Maintain warmth by lighting filament bulb in the shed,</li> <li>• In egg laying birds feed, add calcium,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>• Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li> <li>• Vaccinate against the swine fever,</li> <li>• Care pregnant animals,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <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>
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> <li>• Vaccination should be done post monsoon,</li> <li>• In young ones, BQ may be observed, vaccinate the animals,</li> </ul>
Dog	All stages	Rabies,	<ul style="list-style-type: none"> <li>• Vaccinate against rabies,</li> <li>• Deworming,</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>
<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:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

- Rainfall: - Bomdila –NA  
Bhalokpung – NA

## Weather Forecast

- Rainfall- Clear/dry/cold weather fct-next 3-4 days.Fog fct in some places.
- Temperature - The temperature is likely to be in the range of 5-16°C.
- Relative Humidity - The RH is likely to be in the range of 22-80 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FRUITS			
Apple	Harvesting	Fruit Fly  Trunk Borer	<ul style="list-style-type: none"><li>• Monitor fruit fly damage,</li><li>• Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li><li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li><li>• Installation of light traps to capture adults.</li><li>• Urgent/immediate treatment of affected parts of trees,</li></ul>
VEGETABLE CROPS			
Cauliflower / Cabbage/ Radish	Harvesting	Cutworm  Diamond back moth	<ul style="list-style-type: none"><li>• <b>Monitor crop against attack of cutworm in the field,</b></li><li>• In present weather conditions, monitor the crop against attack of DBM caterpillars,</li><li>• If damage level is high, spraying of <i>Bt</i> formulation may be done,</li></ul>
Radish	Vegetative Maturity		<ul style="list-style-type: none"><li>• <b>Harvest,</b></li></ul>
Mustard (leafy vegetables)	Sowing Vegetative		<ul style="list-style-type: none"><li>• <b>Sowing of good quality seeds for leafy vegetable purpose may be done,</b></li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>• <b>Backyard poultry:Release the bird late in the morning</b></li><li>• Maintain warmth by lighting filament bulb in the shed,</li><li>• In egg laying birds feed, add calcium,</li><li>• Schedule vaccination should be followed,</li></ul>
Cattle	All stages		<ul style="list-style-type: none"><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	Swine fever	<ul style="list-style-type: none"><li>• Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li><li>• Vaccinate against the swine fever,</li><li>• Care pregnant animals,</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:-57/2013-14/Frie

Dated: 8<sup>th</sup> November, 2013

## Weather during the period

- During the period weather was clear and dry. Fog was recorded during the morning hours.

- Maximum temperature: **24.8°C**
- Minimum Temperature: **12.0°C**
- Rainfall: **0.0 mm**
- Evapotranspiration: - -
- Relative Humidity (%):-**58-95%**
- Soil moisture (m<sup>2</sup>/ m<sup>2</sup>):**0.30**
- Prominent Wind Direction: **North East (Morning hours) & Variable (Afternoon)**
- Average Wind Speed: **0.8 metres per second**
- Average Sunshine hours : **7.4 hours**

(Source-Agromet Observatory, Research Farm, Gori, ICAR RC for NEH Region, AP Centre, Basar)

## Weather Forecast

- |   |
|---|
| • <u>Rainfall</u> : Clear/dry weather forecasted for next 3-4 days. Thin fog forecasted during the morning hours. |
| • <u>Temperature</u> – Temperature will vary between 13-25°C.   |
| • <u>Relative Humidity</u> - 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	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>• <b>Maintain strict monitoring against leaf eating caterpillars,</b></li><li>• <b>Light weeding is advised,</b></li><li>• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <b>Chlorpyrifos/Imidacloprid</b> in recommended dose in the next one or two days when weather is clear. Dose-<b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>• Light interculture operations may be done,</li><li>• Spray Chlorpyrifos/Imidacloprid in recommended dose.</li></ul>
Carrot	Vegetative		<ul style="list-style-type: none"><li>• Light interculture operations should be done,</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>• Harvest mature crops,</li><li>• Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>• <b>Light interculture operations should be done,</b></li></ul>
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>• <b>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</b></li><li>• In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>• Wherever rat menace is there, install rat trap,</li><li>• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li></ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"><li>• Monitor the crop against attack of Cutworm,</li></ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"><li>• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li><li>• Spray Rogor @ 0.05% if infestation is observed,</li></ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li><li>• Monitor the crop against attack of leaf eating caterpillars,</li></ul>

			<ul style="list-style-type: none"><li>Thinning may be done to maintain proper plant count,</li></ul>
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none"><li>Monitor for attack of cut worm in the germinated fields,</li><li>Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,</li></ul>
Pea	Sowing/ Vegetative		
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer, Ants Lichen/ Mosses Fruit fly	<ul style="list-style-type: none"><li><b>In present weather conditions regularly collect and dispose off fallen fruits,</b></li><li>In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li><li>Use of light trap to attract adults is also advised.</li><li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</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>Backyard poultry:Release the bird late in the morning</b></li><li>Maintain warmth by lighting filament bulb in the shed,</li><li>In egg laying birds feed, add calcium,</li><li>Schedule vaccination should be followed,</li></ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"><li>Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li><li>Vaccinate against the swine fever,</li><li>Care pregnant animals,</li></ul>
Cattle	All stages		<ul style="list-style-type: none"><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>
Rabbits	All stages	Snuffles	<ul style="list-style-type: none"><li><b>Keep strict vigil</b></li><li>Consult experts,</li></ul>
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"><li>Vaccination should be done post monsoon,</li><li>In young ones, BQ may be observed, vaccinate the animals,</li></ul>
Dog	All stages	Rabies,	<ul style="list-style-type: none"><li>Vaccinate against rabies,</li><li>Deworming,</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>
Fish	All stages		<ul style="list-style-type: none"><li>Maintain adequate water level in the pond,</li><li>Pond sides should be properly cleaned,</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:-56/2013-14/Tue

Dated: 5<sup>th</sup> November, 2013

## Weather during the period

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

## Weather Forecast

• <b>Rainfall</b> – Clear/dry weather fct-next 3-4 days. Thin fog fct during morning hours.
• <b>Temperature</b> - The temperature is likely to be in the range of 12-24 °C.
• <b>Relative Humidity</b> - The RH is likely to be in the range of 24-88 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"> <li>• <b>Maintain strict monitoring against leaf eating caterpillars,</b></li> <li>• <b>Light weeding is advised,</b></li> <li>• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <b>Chlorpyrifos/Imidacloprid</b> in recommended dose in the next one or two days when weather is clear. Dose- <b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li> </ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"> <li>• Light interculture operations may be done,</li> <li>• Spray Chlorpyrifos/Imidacloprid in recommended dose.</li> </ul>
Carrot	Vegetative		<ul style="list-style-type: none"> <li>• Light interculture operations should be done,</li> </ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"> <li>• Harvest mature crops,</li> <li>• Sowing of certified/locally available seeds in well prepared nursery may be done,</li> <li>• <b>Light interculture operations should be done,</b></li> </ul>
<b>FIELD CROPS</b>			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"> <li>• <b>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</b></li> <li>• In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li> <li>• Wherever rat menace is there, install rat trap,</li> <li>• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li> <li>• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li> </ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"> <li>• Monitor the crop against attack of Cutworm,</li> </ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"> <li>• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li> <li>• Spray Rogor @ 0.05% if infestation is observed,</li> </ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"> <li>• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li> </ul>
Pea	Field preparation Sowing		<ul style="list-style-type: none"> <li>• Monitor the crop against attack of leaf eating caterpillars,</li> <li>• Thinning may be done to maintain proper plant count,</li> </ul>
<b>FRUIT CROPS</b>			
Khasi Mandarin	Fruit development	Trunk borer, Ants Lichen/	<ul style="list-style-type: none"> <li>• In present weather conditions farmers are advised to clean the basin along with dropped fruits.</li> <li>• In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>• Use of light trap to attract adults is also advised.</li> </ul>

		Mosses Fruit fly	<ul style="list-style-type: none"> <li>Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li><b>Backyard poultry:</b>Release the bird late in the morning</li> <li>Maintain warmth by lighting filament bulb in the shed,</li> <li>In egg laying birds feed, add calcium,</li> <li>Schedule vaccination should be followed,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li> <li>Vaccinate against the swine fever,</li> <li>Care pregnant animals,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <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>
<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



(Dibang Valley)

No:-56/2013-14/Tue

Dated: 5<sup>th</sup> November, 2013

## Weather during the period

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

## Weather Forecast

• <b>Rainfall</b> Clear/dry weather fct-next 3-4 days. Thin fog fct during morning hours.
• <b>Temperature</b> – Temperature will vary between 6-17°C.
• <b>Relative Humidity</b> - The RH is likely to be in the range of 18-65 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative	Leaf eating/ Cabbage caterpillars	<ul style="list-style-type: none"><li>• <b>Maintain strict monitoring against leaf eating caterpillars,</b></li><li>• <b>Light weeding is advised,</b></li><li>• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <b>Chlorpyrifos/Imidacloprid</b> in recommended dose in the next one or two days when weather is clear. Dose-<b>Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,</b></li></ul>
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none"><li>• Light interculture operations may be done,</li><li>• Spray Chlorpyrifos/Imidacloprid in recommended dose.</li></ul>
Carrot	Vegetative		<ul style="list-style-type: none"><li>• Light interculture operations should be done,</li></ul>
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none"><li>• Harvest mature crops,</li><li>• Sowing of certified/locally available seeds in well prepared nursery may be done,</li><li>• <b>Light interculture operations should be done,</b></li></ul>
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"><li>• <b>The crop which are in maturity stage and are about to be harvested in a week or so, drain out the water from the plot,</b></li><li>• In present weather conditions large scale attack of Gundhi bug has been reported from rice field. If damage level is high, use Malathion dust 5%,</li><li>• Wherever rat menace is there, install rat trap,</li><li>• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,</li><li>• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li></ul>
Potato	Planting/ Vegetative		<ul style="list-style-type: none"><li>• Monitor the crop against attack of Cutworm,</li></ul>
Turmeric and ginger	Maturing/ harvesting	Soft rot,  Shoot borer	<ul style="list-style-type: none"><li>• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li><li>• Spray Rogor @ 0.05% if infestation is observed,</li></ul>
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,</li><li>• Monitor the crop against attack of leaf eating caterpillars,</li><li>• Thinning may be done to maintain proper plant count,</li></ul>
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none"><li>• Monitor for attack of cut worm in the germinated fields,</li><li>• Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,</li></ul>
Pea	Sowing/ Vegetative		
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer, Ants	<ul style="list-style-type: none"><li>• <b>In present weather conditions regularly collect and dispose off fallen fruits,</b></li><li>• In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li></ul>



		Lichen/ Mosses Fruit fly	<ul style="list-style-type: none"> <li>• Use of light trap to attract adults is also advised.</li> <li>• Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,</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>Backyard poultry:Release the bird late in the morning</b></li> <li>• Maintain warmth by lighting filament bulb in the shed,</li> <li>• In egg laying birds feed, add calcium,</li> <li>• Schedule vaccination should be followed,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>• Piglets: Provide warmth by lighting with filament bulb/cushioning material,</li> <li>• Vaccinate against the swine fever,</li> <li>• Care pregnant animals,</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <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>
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> <li>• Vaccination should be done post monsoon,</li> <li>• In young ones, BQ may be observed, vaccinate the animals,</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>
Fish	All stages		<ul style="list-style-type: none"> <li>• Maintain adequate water level in the pond,</li> <li>• Pond sides should be properly cleaned,</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