



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Dibang Valley)

No:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

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

Weather Forecast

• Rainfall: Clear/dry weather forecasted for next 3-4 days. Fog/shallow fog forecasted during the morning hours.
• Temperature – Temperature will vary between 6-20°C.
• Relative Humidity - The RH is likely to be in the range of 17-58 %.

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

		Ants Lichen/ Mosses Fruit fly	treatment with Dichlorvos dipped cotton swabs is advised. <ul style="list-style-type: none"> • Use of light trap to attract adults is also advised. • 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,
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"> • Backyard poultry:Release the bird late in the morning • Maintain warmth by lighting filament bulb in the shed, • In egg laying birds feed, add calcium, • Schedule vaccination should be followed,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • Piglets: Provide warmth by lighting with filament bulb/cushioning material, • Vaccinate against the swine fever, • Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none"> • 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,
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> • Vaccination should be done post monsoon, • In young ones, BQ may be observed, vaccinate the animals,
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none"> • Vaccinate against the PPR, • Provide mineral mixture,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Pond sides should be properly cleaned, • 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 			

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



(East Kameng)

No:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

Rainfall: -

- Seppa -NA

Weather Forecast

- Rainfall – Clear/dry weather forecasted for next 3-4 days. Fog/shallow fog forecasted during the morning hours.
- Temperature - The temperature is likely to be in the range of 10-18 °C.
- Relative Humidity - The RH is likely to be in the range of 28-88 %.

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">• Maintain strict monitoring against leaf eating caterpillars,• Light weeding is advised,• 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- Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none">• Light interculture operations may be done,• Spray Chlorpyriphos/Imidacloprid in recommended dose.
Carrot	Vegetative		<ul style="list-style-type: none">• Light interculture operations should be done,
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none">• Harvest mature crops,• Sowing of certified/locally available seeds in well prepared nursery may be done,• Light interculture operations should be done,
FIELD CROPS			
WRC rice – Main crop (<i>Mipun</i>)	Maturing/ Harvesting	Gundhi bug Rat	<ul style="list-style-type: none">• 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,• 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%,• Wherever rat menace is there, install rat trap,• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,
Potato	Planting/ Vegetative		<ul style="list-style-type: none">• Monitor the crop against attack of Cutworm,
Turmeric and ginger	Maturing/ harvesting	Soft rot, Shoot borer	<ul style="list-style-type: none">• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.• Spray Rogor @ 0.05% if infestation is observed,
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,• Monitor the crop against attack of leaf eating caterpillars,• Thinning may be done to maintain proper plant count,
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none">• Monitor for attack of cut worm in the germinated fields,• 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,
Pea	Field preparation Sowing		
FRUIT CROPS			

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

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)

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:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

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

Weather Forecast

- Rainfall – Clear/dry weather forecasted for next 3-4 days. Fog/shallow fog forecasted during the morning hours.
- Temperature – Temperature will vary between 16-27°C.
- Relative Humidity - The RH is likely to be in the range of 23-81 %.

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">• Maintain strict monitoring against leaf eating caterpillars,• Light weeding is advised,• 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-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none">• Light interculture operations may be done,• Spray Chlorpyrifos/Imidacloprid in recommended dose.
Carrot	Vegetative		<ul style="list-style-type: none">• Light interculture operations should be done,
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none">• Harvest mature crops,• Sowing of certified/locally available seeds in well prepared nursery may be done,• Light interculture operations should be done,
FIELD CROPS			
WRC rice – Main crop (<i>Mipun</i>)	Maturing	Gundhi bug Rat	<ul style="list-style-type: none">• 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,• 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%,• Wherever rat menace is there, install rat trap,• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,
Potato	Planting/ Vegetative		<ul style="list-style-type: none">• Monitor the crop against attack of Cutworm,
Turmeric and ginger	Maturing/ harvesting	Soft rot, Shoot borer	<ul style="list-style-type: none">• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.• Spray Rogor @ 0.05% if infestation is observed,
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,• Monitor the crop against attack of leaf eating caterpillars,• Thinning may be done to maintain proper plant count,
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none">• Monitor for attack of cut worm in the germinated fields,
Pea	Sowing/ Vegetative		<ul style="list-style-type: none">• 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,
FRUIT CROPS			
Khasi Mandarin	Fruit development		<ul style="list-style-type: none">• In present weather conditions regularly collect and dispose off fallen fruits,

		Trunk borer, Ants Lichen/ Mosses Fruit fly	<ul style="list-style-type: none"> • In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised. • Use of light trap to attract adults is also advised. • 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,
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"> • Backyard poultry:Release the bird late in the morning • Maintain warmth by lighting filament bulb in the shed, • In egg laying birds feed, add calcium, • Schedule vaccination should be followed,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • Piglets: Provide warmth by lighting with filament bulb/cushioning material, • Vaccinate against the swine fever, • Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none"> • 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,
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> • Vaccination should be done post monsoon, • In young ones, BQ may be observed, vaccinate the animals,
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none"> • Vaccinate against the PPR, • Provide mineral mixture,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Pond sides should be properly cleaned, • 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 			

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



(Lohit)

No:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

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

Weather Forecast

- Rainfall: Clear/dry weather forecasted for next 3-4 days. Fog/shallow fog forecasted during the morning hours.
- Temperature –The temperature is likely to be in the range of 10-22°C.
- Relative Humidity - The RH is likely to be in the range of 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">• Maintain strict monitoring against leaf eating caterpillars,• Light weeding is advised,• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Chlorpyrifos/Imidacloprid in recommended dose in the next one or two days when weather is clear. Dose- Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none">• Light interculture operations may be done,• Spray Chlorpyrifos/Imidacloprid in recommended dose.
Carrot	Vegetative		<ul style="list-style-type: none">• Light interculture operations should be done,
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none">• Harvest mature crops,• Sowing of certified/locally available seeds in well prepared nursery may be done,• Light interculture operations should be done,
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug Rat	<ul style="list-style-type: none">• 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,• 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%,• Wherever rat menace is there, install rat trap,• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,• <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>
Potato	Planting/ Vegetative		<ul style="list-style-type: none">• Monitor the crop against attack of Cutworm,
Turmeric and ginger	Maturing/ harvesting	Soft rot, Shoot borer	<ul style="list-style-type: none">• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.• Spray Rogor @ 0.05% if infestation is observed,
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,
Pea	Field preparation Sowing		<ul style="list-style-type: none">• Monitor the crop against attack of leaf eating caterpillars,• Thinning may be done to maintain proper plant count,
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer, Ants	<ul style="list-style-type: none">• In present weather conditions farmers are advised to clean the basin along with dropped fruits.• In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.

		Lichen/ Mosses Fruit fly	<ul style="list-style-type: none"> • Use of light trap to attract adults is also advised. • 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,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • Backyard poultry:Release the bird late in the morning • Maintain warmth by lighting filament bulb in the shed, • In egg laying birds feed, add calcium, • Schedule vaccination should be followed,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • Piglets: Provide warmth by lighting with filament bulb/cushioning material, • Vaccinate against the swine fever, • Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none"> • 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,
<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 			

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)

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:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

- Rainfall: -
 - Ziro – NA

Weather Forecast

<ul style="list-style-type: none"><u>Rainfall</u> – Clear/dry weather forecasted for next 3-4 days. Fog/shallow fog forecasted during the morning hours.
<ul style="list-style-type: none"><u>Temperature</u> - The temperature is likely to be in the range of 2-12°C.
<ul style="list-style-type: none"><u>Relative Humidity</u> - The RH is likely to be in the range of 26-81 %.

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

			<ul style="list-style-type: none">Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none">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,
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none">Vaccination should be done post monsoon,In young ones, BQ may be observed, vaccinate the animals,
<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			

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)

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:-58/2013-14/Tue

Dated: 12th November, 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 forecasted for next 3-4 days.Fog/shallow fog forecasted during the morning hours.
- Temperature - The temperature is likely to be in the range of 14-27°C.
- Relative Humidity - The RH is likely to be in the range of 29-88 %.

Weather Based Agro-meteorological Advisories Bulletin

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

	preparation Sowing		be done, (If damage level is not serious). Use of Carbaryl 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"> • In present weather conditions regularly collect and dispose off fallen fruits, • In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised. • Use of light trap to attract adults is also advised. • 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,
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			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • Backyard poultry:Release the bird late in the morning • Maintain warmth by lighting filament bulb in the shed, • In egg laying birds feed, add calcium, • Schedule vaccination should be followed,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • Piglets: Provide warmth by lighting with filament bulb/cushioning material, • Vaccinate against the swine fever, • Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none"> • 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,
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> • Vaccination should be done post monsoon, • In young ones, BQ may be observed, vaccinate the animals,
Dog	All stages	Rabies,	<ul style="list-style-type: none"> • Vaccinate against rabies, • Deworming,
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none"> • Vaccinate against the PPR, • Provide mineral mixture,
<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 			

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)

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:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

- Rainfall: -
1. Tawang –NA

Weather Forecast

- Rainfall- Clear/dry weather forecasted for next 3-4 days. Thick fog forecasted.
- Temperature - The temperature is likely to be in the range of 2-13 °C.
- Relative Humidity - The RH is likely to be in the range of 20-66 %.

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">• Monitor fruit fly damage,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,• Installation of light traps to capture adults.• Urgent/immediate treatment of affected parts of trees,
VEGETABLE CROPS			
Cauliflower / Cabbage/ Radish	Harvesting	Cutworm Diamond back moth	<ul style="list-style-type: none">• Monitor crop against attack of cutworm in the field,• In present weather conditions, monitor the crop against attack of DBM caterpillars,• If damage level is high, spraying of <i>Bt</i> formulation may be done,
Radish	Vegetative Maturity		<ul style="list-style-type: none">• Harvest,
Mustard (leafy vegetables)	Sowing Vegetative		<ul style="list-style-type: none">• Sowing of good quality seeds for leafy vegetable purpose may be done,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Backyard poultry:Release the bird late in the morning• Maintain warmth by lighting filament bulb in the shed,• In egg laying birds feed, add calcium,• Schedule vaccination should be followed,
Cattle	All stages		<ul style="list-style-type: none">• 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	Swine fever	<ul style="list-style-type: none">• Piglets: Provide warmth by lighting with filament bulb/cushioning material,• Vaccinate against the swine fever,• Care pregnant animals,
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, 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:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

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

Weather Forecast

- Rainfall – Clear/dry weather forecasted for next 3-4 days. Fog/shallow fog forecasted during the morning hours.
- Temperature - The temperature is likely to be in the range of 16-27°C.
- Relative Humidity - The RH is likely to be in the range of 25-93 %.

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

		Lichen/ Mosses Fruit fly	<ul style="list-style-type: none"> • Use of light trap to attract adults is also advised. • 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,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • Backyard poultry:Release the bird late in the morning • Maintain warmth by lighting filament bulb in the shed, • In egg laying birds feed, add calcium, • Schedule vaccination should be followed,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • Piglets: Provide warmth by lighting with filament bulb/cushioning material, • Vaccinate against the swine fever, • Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none"> • 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,
<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 			

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)

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:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

- Rainfall: -
N Tuting – NA

Weather Forecast

• <u>Rainfall</u> – Clear/dry weather forecasted for next 3-4 days. Fog/shallow fog forecasted during the morning hours.
• <u>Temperature</u> - The temperature is likely to be in the range of 7-20°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 19-69 %.

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">• Maintain strict monitoring against leaf eating caterpillars,• Light weeding is advised,• 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- Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none">• Light interculture operations may be done,• Spray Chlorpyrifos/Imidacloprid in recommended dose.
Carrot	Vegetative		<ul style="list-style-type: none">• Light interculture operations should be done,
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none">• Harvest mature crops,• Sowing of certified/locally available seeds in well prepared nursery may be done,• Light interculture operations should be done,
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug Rat	<ul style="list-style-type: none">• 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,• 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%,• Wherever rat menace is there, install rat trap,• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,
Potato	Planting/ Vegetative		<ul style="list-style-type: none">• Monitor the crop against attack of Cutworm,
Turmeric and ginger	Maturing/ harvesting	Soft rot, Shoot borer	<ul style="list-style-type: none">• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.• Spray Rogor @ 0.05% if infestation is observed,
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,• Monitor the crop against attack of leaf eating caterpillars,• Thinning may be done to maintain proper plant count,
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none">• Monitor for attack of cut worm in the germinated fields,• 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,
Pea	Field preparation Sowing		
FRUIT CROPS			
Khasi Mandarin	Fruit development		<ul style="list-style-type: none">• In present weather conditions regularly collect and dispose off fallen fruits,

		Trunk borer, Ants Lichen/ Mosses Fruit fly	<ul style="list-style-type: none">• In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• 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,
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			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Backyard poultry:Release the bird late in the morning• Maintain warmth by lighting filament bulb in the shed,• In egg laying birds feed, add calcium,• Schedule vaccination should be followed,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Piglets: Provide warmth by lighting with filament bulb/cushioning material,• Vaccinate against the swine fever,• Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none">• 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,
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none">• Vaccination should be done post monsoon,• In young ones, BQ may be observed, vaccinate the animals,
Dog	All stages	Rabies,	<ul style="list-style-type: none">• Vaccinate against rabies,• Deworming,
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none">• Vaccinate against the PPR,• Provide mineral mixture,
<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			

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 Subansiri)

No:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

- Rainfall: -
 - Daporijo- NA

Weather Forecast

- Rainfall – Clear/dry weather forecasted for next 3-4 days. Fog/shallow fog forecasted during the morning hours.
- Temperature - The temperature is likely to be in the range of 6-16°C.
- Relative Humidity - The RH is likely to be in the range of 25-72 %.

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">• Maintain strict monitoring against leaf eating caterpillars,• Light weeding is advised,• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Chlorpyrifos/Imidacloprid in recommended dose in the next one or two days when weather is clear. Dose- Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative Harvesting	Leaf eating caterpillars	<ul style="list-style-type: none">• Light interculture operations may be done,• Spray Chlorpyrifos/Imidacloprid in recommended dose.
Carrot	Vegetative		<ul style="list-style-type: none">• Light interculture operations should be done,
Spinach	Sowing/ Vegetative		<ul style="list-style-type: none">• Harvest mature crops,• Sowing of certified/locally available seeds in well prepared nursery may be done,• Light interculture operations should be done,
FIELD CROPS			
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug Rat	<ul style="list-style-type: none">• 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,• 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%,• Wherever rat menace is there, install rat trap,• When severity is high use aluminium phosphide pellets for fumigating the rat burrows,• Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,
Potato	Planting/ Vegetative		<ul style="list-style-type: none">• Monitor the crop against attack of Cutworm,
Turmeric and ginger	Maturing/ harvesting	Soft rot, Shoot borer	<ul style="list-style-type: none">• To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.• Spray Rogor @ 0.05% if infestation is observed,
Mustard	Sowing/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Taking advantage of soil moisture, the farmers are advised not to delay sowing of mustard,• Monitor the crop against attack of leaf eating caterpillars,• Thinning may be done to maintain proper plant count,
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none">• Monitor for attack of cut worm in the germinated fields,• 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,
Pea	Field preparation Sowing		
FRUIT CROPS			
Khasi Mandarin	Fruit development		<ul style="list-style-type: none">• In present weather conditions regularly collect and dispose off fallen fruits,

		Trunk borer, Ants Lichen/ Mosses Fruit fly	<ul style="list-style-type: none"> • In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised. • Use of light trap to attract adults is also advised. • 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,
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			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • Backyard poultry:Release the bird late in the morning • Maintain warmth by lighting filament bulb in the shed, • In egg laying birds feed, add calcium, • Schedule vaccination should be followed,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • Piglets: Provide warmth by lighting with filament bulb/cushioning material, • Vaccinate against the swine fever, • Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none"> • 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,
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none"> • Vaccination should be done post monsoon, • In young ones, BQ may be observed, vaccinate the animals,
Dog	All stages	Rabies,	<ul style="list-style-type: none"> • Vaccinate against rabies, • Deworming,
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none"> • Vaccinate against the PPR, • Provide mineral mixture,
<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 			

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



(West Kameng)

No:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

- Rainfall: - Bomdila –NA
Bhalokpung – NA

Weather Forecast

- Rainfall- Clear/dry/cold weather forecasted next 3-4 days. Fog/shallow fog forecasted in some places.
- Temperature - The temperature is likely to be in the range of 5-13°C.
- Relative Humidity - The RH is likely to be in the range of 26-84 %.

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

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, 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:-58/2013-14/Tue

Dated: 12th 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: **7.5°C**
- Rainfall: **0.0 mm**
- Evapotranspiration: - -
- Relative Humidity (%):-**38-93%**
- Soil moisture (m²/ m²):**0.28**
- Prominent Wind Direction: **North East (Morning hours) & Variable (Afternoon)**
- Average Wind Speed: **0.3 metres per second**
- Average Sunshine hours : **7.9 hours**

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

Weather Forecast

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

			<ul style="list-style-type: none">• Monitor the crop against attack of leaf eating caterpillars,• Thinning may be done to maintain proper plant count,
Winter Maize	Vegetative	Cut worm	<ul style="list-style-type: none">• Monitor for attack of cut worm in the germinated fields,• 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,
Pea	Sowing/ Vegetative		
FRUIT CROPS			
Khasi Mandarin	Fruit development	Trunk borer, Ants Lichen/ Mosses Fruit fly	<ul style="list-style-type: none">• In present weather conditions regularly collect and dispose off fallen fruits,• In trunk borer attacked trees, cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• 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,
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">• Backyard poultry:Release the bird late in the morning• Maintain warmth by lighting filament bulb in the shed,• In egg laying birds feed, add calcium,• Schedule vaccination should be followed,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Piglets: Provide warmth by lighting with filament bulb/cushioning material,• Vaccinate against the swine fever,• Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none">• 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,
Rabbits	All stages	Snuffles	<ul style="list-style-type: none">• Keep strict vigil• Consult experts,
Mithun	All stages	FMD Black quarter	<ul style="list-style-type: none">• Vaccination should be done post monsoon,• In young ones, BQ may be observed, vaccinate the animals,
Dog	All stages	Rabies,	<ul style="list-style-type: none">• Vaccinate against rabies,• Deworming,
Goat/Sheep	All stages	PPR	<ul style="list-style-type: none">• Vaccinate against the PPR,• Provide mineral mixture,
Fish	All stages		<ul style="list-style-type: none">• Maintain adequate water level in the pond,• Pond sides should be properly cleaned,• 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			

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



(Changlang)

No:-58/2013-14/Tue

Dated: 12th November, 2013

Weather during the period

- **Rainfall:** -
 - Changlang –NA
 - Miao – 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 10-22 °C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 19-75 %.

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

		Mosses Fruit fly	<ul style="list-style-type: none"> 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,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> Backyard poultry:Release the bird late in the morning Maintain warmth by lighting filament bulb in the shed, In egg laying birds feed, add calcium, Schedule vaccination should be followed,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> Piglets: Provide warmth by lighting with filament bulb/cushioning material, Vaccinate against the swine fever, Care pregnant animals,
Cattle	All stages		<ul style="list-style-type: none"> 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,
<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 			

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)

Agrometeorological Field Unit
ICAR, BASAR