



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



**(East Kameng)**

**No: 43/2014-15/Fri**

**Dated: 29<sup>th</sup> August, 2014**

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summary of the previous week

Max Temp: 14.0-16.0<sup>0</sup>C, Min Temp: 8.0-10.0<sup>0</sup>C, Wind Speed: 2-4Kmph, Wind Direction: 549-205Degree, Rainfall: 148.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 107.0mm for the next five days. Max Temp: 17.0-19.0<sup>0</sup>C, Min Temp: 8.0-10.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 5-7 Okta, Max RH: 89-91%, Min RH: 53-59%, Wind Speed: 4-6 Kmph, Wind Direction: 41-163Degree.

**Weekly cumulative rainfall : 107.0mm**

## Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"><li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li><li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li><li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li></ul>
French Bean	Harvesting		<ul style="list-style-type: none"><li>• Harvest before dropping. Leave the immature ones,</li></ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"><li>• Spray neem based pesticides,</li></ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"><li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>• Properly maintain the water level in the field,</li></ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"><li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li></ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"><li>• Install yellow stem borer pheromone traps to monitor the adults,</li><li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li></ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"><li>• Spraying of neem based pesticides is advised,</li><li>• Properly dry the seeds for seed purpose &amp; store,</li></ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"><li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li></ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"><li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li><li>• Make proper drainage in the crop field,</li></ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"><li>• Monitor fruit fly population with Methyl eugenol traps,</li><li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li><li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li></ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"><li>• Clean the vicinity of plants by weeding and loosen up the soil.</li><li>• Remove sly and use it as a new planting material.</li><li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil</li></ul>

			borne disease and insect.
<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>• Avoid dampness, litter should be periodically changed.</li> <li>• Provide clean and fresh water daily.</li> <li>• Vaccination of birds as per the recommended age,</li> <li>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>• Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>• Avoid stagnant water near the shed,</li> <li>• Vaccinate against swine fever,</li> <li>• Avoid of eating human excreta,</li> <li>• Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>• Vaccination of animal with FMD,</li> <li>• Treatment – sick animals,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>• Before stocking, make free the weeds and predators in the pond</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for 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: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summary of the previous week

Max Temp: 28.0-32.0<sup>0</sup>C, Min Temp: 22.0-24.0<sup>0</sup>C, Wind Speed: 2-4Kmph, Wind Direction: 26-124Degree, Rainfall: 78.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 55.0mm for the next five days. Max Temp: 34.0<sup>0</sup>C, Min Temp: 25.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 6-8Okta, Max RH: 85-91%, Min RH: 45-51%, Wind Speed: 2-5Kmph, Wind Direction: 19-289Degree.

*Weekly cumulative rainfall : 55.0mm*

### Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> </ul>

			<ul style="list-style-type: none"> <li>Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/ltr of water to protect against soil borne disease and insect.</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>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none"> <li>Vaccinate with PPR,</li> <li>Provide standard feeds,</li> <li>Vaccination &amp; deworming at regular interval,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>Before stocking, make free the weeds and predators in the pond</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



**(Kurung-Kumey)**

**No: 43/2014-15/Fri**

**Dated: 29<sup>th</sup> August, 2014**

## **Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014**

### **Weather summery of the previous week**

Max Temp: 9.0-12.0<sup>0</sup>C, Min Temp: 5.0-6.0<sup>0</sup>C, Wind Speed: 2-4Kmph, Wind Direction: 103-151Degree, Rainfall: 61.0mm.

### **Weather forecast valid up to 3<sup>rd</sup> September, 2014**

The possibility of Rainfall is 45.0mm for the next five days. Max Temp: 12.0-14.0<sup>0</sup>C, Min Temp: 4.0-6.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 6-8Okta, Max RH: 92-94%, Min RH: 58-68%, Wind Speed: 3-5Kmph, Wind Direction: 103-265Degree.

***Weekly cumulative rainfall : 45.0mm***

## **Weather Based Agro-meteorological Advisories Bulletin**

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> <li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil</li> </ul>

			borne disease and insect.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>• Avoid dampness, litter should be periodically changed.</li> <li>• Provide clean and fresh water daily,</li> <li>• Vaccination of birds as per the recommended age,</li> <li>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>• Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>• Vaccinate against swine fever,</li> <li>• Avoid of eating human excreta,</li> <li>• Provide ad libitum water,</li> <li>• Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>• Vaccination of animal with FMD,</li> <li>• Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none"> <li>• Vaccinate with PPR,</li> <li>• Provide standard feeds,</li> <li>• Vaccination &amp; deworming at regular interval,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>• Before stocking, make free the weeds and predators in the pond</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agrometeorological Field Unit  
ICAR, BASAR





# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lohit)

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summary of the previous week

Max Temp: 22.0-26.0<sup>0</sup>C, Min Temp: 18.0-19.0<sup>0</sup>C, Wind Speed: 3-5Kmph, Wind Direction: 79-168Degree, Rainfall: 57.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 54.0mm for the next five days. Max Temp: 26.0-29.0<sup>0</sup>C, Min Temp: 18.0-19.0<sup>0</sup>C, Cloud Cover: sky will be cloudy i.e. 5-7 Okta, Max RH: 95-97%, Min RH: 60-70%, Wind Speed: 2-6Kmph, Wind Direction: 72-157Degree.

*Weekly cumulative rainfall : 54.0mm*

## Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> <li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil borne disease and insect.</li> </ul>

LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>• Avoid dampness, litter should be periodically changed.</li> <li>• Provide clean and fresh water daily,</li> <li>• Vaccination of birds as per the recommended age,</li> <li>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>• Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>• Avoid stagnant water near the shed,</li> <li>• Vaccinate against swine fever,</li> <li>• Avoid of eating human excreta,</li> <li>• Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>• Vaccination of animal with FMD,</li> <li>• Treatment – sick animals,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>• Before stocking, make free the weeds and predators in the pond</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agrometeorological Field Unit  
ICAR, BASAR





# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lower-Dibang- Valley)

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summery of the previous week

Max Temp: 19.0-21.0°C, Min Temp: 10.0-12.0°C, Wind Speed: 2-4Kmph, Wind Direction: 68-113Degree, Rainfall: 59.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 48.0mm for the next five days. Max Temp: 20.0-24.0°C, Min Temp: 11.0-12.0°C, Cloud Cover: sky will be mainly cloudy i.e. 5-7 Okta, Max RH: 91-93%, Min RH: 46-53%, Wind Speed: 3-7Kmph, Wind Direction: 50-107Degree.

*Weekly cumulative rainfall : 48.0mm*

## Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> <li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil borne disease and insect.</li> </ul>

Apple	Fruit Development		<ul style="list-style-type: none"> <li>Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage.</li> <li>Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li> <li>Spray Bavistin (0.5g/l) to control scab</li> <li>Spray Boron (1g/l)</li> <li>Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>Avoid dampness, litter should be periodically changed,</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature,</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none"> <li>Vaccinate with PPR,</li> <li>Provide standard feeds,</li> <li>Vaccination &amp; deworming at regular interval,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>Before stocking, make free the weeds and predators in the pond</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for 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: 43/2014-15/Fri**

**Dated: 29<sup>th</sup> August, 2014**

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summary of the previous week

Max Temp: 10.0-13.0<sup>o</sup>C, Min Temp: 5.0-7.0<sup>o</sup>C, Wind Speed: 2-3Kmph, Wind Direction: 113-177Degree, Rainfall: 102.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 70.0mm for the next five days. Max Temp: 13.0-15.0<sup>o</sup>C, Min Temp: 5.0-7.0<sup>o</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 6-7 Okta, Max RH: 91-93%, Min RH: 55-64%, Wind Speed: 3-5Kmph, Wind Direction: 108-265Degree.

**Weekly cumulative rainfall : 70.0mm**

## Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> <li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil</li> </ul>

			borne disease and insect.
Apple	Fruit Development		<ul style="list-style-type: none"> <li>Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage,</li> <li>Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li> <li>Spray Bavistin (0.5g/l) to control scab</li> <li>Spray Boron (1g/l)</li> <li>Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</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>Avoid dampness, litter should be periodically changed,</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none"> <li>Vaccinate with PPR,</li> <li>Provide standard feeds,</li> <li>Vaccination &amp; deworming at regular interval,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>Before stocking, make free the weeds and predators in the pond</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



**(Papum Pare)**

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## **Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014**

### **Weather summery of the previous week**

Max Temp: 29.0<sup>0</sup>C, Min Temp: 22.0<sup>0</sup>C, Wind Speed: 2-4Kmph, Wind Direction: 73-256Degree, Rainfall: 89.0mm.

### **Weather forecast valid up to 3<sup>rd</sup> September, 2014**

The possibility of Rainfall is 83.0mm for the next five days. Max Temp: 29.0-30.0<sup>0</sup>C, Min Temp: 22.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 4-7Okta, Max RH: 86-90%, Min RH: 51-55%, Wind Speed: 3-6Kmph, Wind Direction: 63-254Degree.

***Weekly cumulative rainfall : 83.0mm***

### **Weather Based Agro-meteorological Advisories Bulletin**

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"><li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li><li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li><li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li></ul>
French Bean	Harvesting		<ul style="list-style-type: none"><li>• Harvest before dropping. Leave the immature ones,</li></ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"><li>• Spray neem based pesticides,</li></ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"><li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>• Properly maintain the water level in the field,</li></ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"><li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li></ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"><li>• Install yellow stem borer pheromone traps to monitor the adults,</li><li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li></ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"><li>• Spraying of neem based pesticides is advised,</li><li>• Properly dry the seeds for seed purpose &amp; store,</li></ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"><li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li></ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"><li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li><li>• Make proper drainage in the crop field,</li></ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"><li>• Monitor fruit fly population with Methyl eugenol traps,</li><li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li><li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li></ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"><li>• Clean the vicinity of plants by weeding and loosen up the soil.</li><li>• Remove sly and use it as a new planting material.</li><li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil borne disease and insect.</li></ul>



LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>Day old chick-Maintain warmth by lighting,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give Anti coucidid drops,</li> <li>During day time provide proper ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration,</li> <li>Regular check the litter materials to prevent from caking,</li> </ul>
Pigs	New born/ All stages	Cold	<ul style="list-style-type: none"> <li>Vaccinate against swine fever,</li> <li>Avoid stagnant water near the shed,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Deworming of piglets after 2 months,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>Before stocking, make free the weeds and predators in the pond</li> </ul>
Dog	All stages		<ul style="list-style-type: none"> <li>Vaccinate against rabies ,</li> </ul>
Sheep/Goat	All stages		<ul style="list-style-type: none"> <li>Vaccination &amp; deworming at regular interval.</li> <li>Vaccinate with PPR,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agrometeorological Field Unit  
ICAR, BASAR





# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tawang)

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summery of the previous week

Max Temp: 16.0-17.0<sup>0</sup>C, Min Temp: 13.0<sup>0</sup>C,  
Wind Speed: 4-5Kmph, Wind Direction: 173-  
241Degree, Rainfall: 75.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 60.0mm for the next five days. Max Temp: 17.0-18.0<sup>0</sup>C, Min Temp: 11.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 5-8Okta, Max RH: 89-91%, Min RH: 61-72%, Wind Speed: 4-6Kmph, Wind Direction: 131-274Degree.

*Weekly cumulative rainfall : 60.0mm*

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruit Development		<ul style="list-style-type: none"><li>• <b>Spraying should be done only after showers,</b></li><li>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li><li>• Spray Bavistin (0.5g/l) to control scab</li><li>• Spray Boron (1g/l)</li><li>• Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</li></ul>
LIVESTOCKS			
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>• Day old chick-Maintain warmth by lighting,</li><li>• Vaccination of birds as per the recommended age,</li><li>• Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li><li>• Prevent from Coccidiosis give anti coucidid drops,</li><li>• Provide limited ventilation,</li><li>• Add multivitamin feeds (More of Vit C)</li><li>• Add Amprolium to the ration,</li><li>• Regular check the litter materials to prevent from caking,</li></ul>
Pigs	New born	Cold	<ul style="list-style-type: none"><li>• Warming of pig sheds using gunny bags, straw, enclosure,</li><li>• Vaccinate against swine fever,</li><li>• Avoid stagnant water near the shed,</li><li>• Avoid of eating human excreta,</li><li>• Provide ad libitum water,</li><li>• Deworming of piglets after 2 months,</li></ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• Vaccination of animal with FMD,</li><li>• Treatment – sick animals,</li></ul>
Fish	Stocking	-	<ul style="list-style-type: none"><li>• Before stocking, make free the weeds and predators in the pond</li></ul>
Dog	All stages		<ul style="list-style-type: none"><li>• Vaccinate against rabies ,</li></ul>
Sheep/Goat	All stages		<ul style="list-style-type: none"><li>• Vaccination &amp; deworming at regular interval.</li><li>• Vaccinate with PPR,</li></ul>

**Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang)**

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Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tirap)

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summery of the previous week

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

Max Temp: 28.0-32.0<sup>0</sup>C, Min Temp: 22.0-23.0<sup>0</sup>C, Wind Speed: 0-4Kmph, Wind Direction: 104-157Degree, Rainfall: 53.0mm.

The possibility of Rainfall is 46.0mm for the next five days. Max Temp: 33.0-34.0<sup>0</sup>C, Min Temp: 24.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 4-7Okta, Max RH: 88-95%, Min RH: 46-60%, Wind Speed: 4-6Kmph, Wind Direction: 137-158Degree.

**Weekly cumulative rainfall : 46.0mm**

## Weather Based Agro-meteorological Advisories Bulletin

- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> <li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect.</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>• Avoid dampness, litter should be periodically changed.</li> <li>• Provide clean and fresh water daily,</li> </ul>

			<ul style="list-style-type: none"> <li>• Vaccination of birds as per the recommended age,</li> <li>• Prevent from Coccidiosis give anti coucidid drops,</li> <li>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>• Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>• Avoid stagnant water near the shed,</li> <li>• Vaccinate against swine fever,</li> <li>• Avoid of eating human excreta,</li> <li>• Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>• Vaccination of animal with FMD,</li> <li>• Treatment – sick animals,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>• Before stocking, make free the weeds and predators in the pond</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summary of the previous week

Max Temp: 14.0-16.0<sup>0</sup>C, Min Temp: 9.0-10.0<sup>0</sup>C, Wind Speed: 2-4Kmph, Wind Direction: 93-175Degree, Rainfall: 72.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 53.0mm for the next five days. Max Temp: 15.0-18.0<sup>0</sup>C, Min Temp: 9.0-10.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 6-8Okta, Max RH: 90-93%, Min RH: 50-63%, Wind Speed: 3-4Kmph, Wind Direction: 69-151Degree.

**Weekly cumulative rainfall : 53.0mm**

## Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> <li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil borne disease and insect.</li> </ul>

LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>• Avoid dampness, litter should be periodically changed.</li> <li>• Provide clean and fresh water daily,</li> <li>• Vaccination of birds as per the recommended age,</li> <li>• Prevent from Coccidiosis give anti coucidid drops,</li> <li>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>• Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>• Avoid stagnant water near the shed,</li> <li>• Vaccinate against swine fever,</li> <li>• Avoid of eating human excreta,</li> <li>• Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>• Vaccination of animal with FMD,</li> <li>• Treatment – sick animals,</li> </ul>
Dog	All stages		<ul style="list-style-type: none"> <li>• Vaccinate against rabies,</li> </ul>
Rabbits	All stages	Snuffles	<ul style="list-style-type: none"> <li>• Use broad spectrum antibiotic treatment like Gentamycin, anrofloxacin under proper supervision of veterinary officials</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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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 Subansiri)**

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summery of the previous week

Max Temp: 13.0-16.0<sup>0</sup>C, Min Temp: 8.0-9.0<sup>0</sup>C, Wind Speed: 2-4Kmph, Wind Direction: 181-237Degree, Rainfall: 101.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 64.0mm for the next five days. Max Temp: 15.0-17.0<sup>0</sup>C, Min Temp: 9.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 6-7 Okta, Max RH: 91-93%, Min RH: 55-60%, Wind Speed: 3-6Kmph, Wind Direction: 205-236Degree.

*Weekly cumulative rainfall : 64.0mm*

## Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> <li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect.</li> </ul>



Apple	Fruit Development		<ul style="list-style-type: none"> <li>Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage,</li> <li>Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li> <li>Spray Bavistin (0.5g/l) to control scab,</li> <li>Spray Boron (1g/l),</li> <li>Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none"> <li>Vaccinate with PPR,</li> <li>Provide standard feeds,</li> <li>Vaccination &amp; deworming at regular interval.</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Kameng)

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week

Weather forecast valid up to 3<sup>rd</sup> September, 2014

Max Temp: 19.0<sup>0</sup>C, Min Temp: 14.0<sup>0</sup>C, Wind Speed: 2-3Kmph, Wind Direction: 96-237Degree, Rainfall: 131.0mm.

The possibility of Rainfall is 109.0mm for the next five days. Max Temp: 18.0-20.0<sup>0</sup>C, Min Temp: 10.0-12.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 5-8 Okta, Max RH: 89-92%, Min RH: 57-67%, Wind Speed: 4-5Kmph, Wind Direction: 53-209Degree.

Weekly cumulative rainfall : 109.0mm

### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruit Development		<ul style="list-style-type: none"><li>• <b>Spraying should be done only after showers,</b></li><li>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li><li>• Spray Bavistin (0.5g/l) to control scab</li><li>• Spray Boron (1g/l)</li><li>• Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</li></ul>
LIVESTOCKS			
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>• Day old chick-Maintain warmth by lighting,</li><li>• Vaccination of birds as per the recommended age,</li><li>• Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li><li>• Prevent from Coccidiosis give anti coucidid drops,</li><li>• Provide limited ventilation,</li><li>• Add multivitamin feeds (More of Vit C)</li></ul>
Pigs	New born	Cold	<ul style="list-style-type: none"><li>• Vaccinate against swine fever,</li><li>• Avoid stagnant water near the shed,</li><li>• Avoid of eating human excreta,</li><li>• Provide ad libitum water,</li><li>• Deworming of piglets after 2 months,</li></ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• Vaccination of animal with FMD,</li><li>• Treatment – sick animals,</li></ul>
Fish	Stocking	-	<ul style="list-style-type: none"><li>• Before stocking, make free the weeds and predators in the pond</li></ul>
Dog	All stages		<ul style="list-style-type: none"><li>• Vaccinate against rabies,</li></ul>
Sheep/Goat	All stages		<ul style="list-style-type: none"><li>• Vaccination &amp; deworming at regular interval.</li><li>• Vaccinate with PPR,</li></ul>

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang)

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Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



**(West Siang)**

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## **Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014**

### **Weather summery of the previous week**

Rainfall: 83.0mm, Max and min temp varied between 18.0-21.0°C and 12.0-13.0°C respectively. The sky was mainly cloudy *i.e.* 5-8Okta; Wind speed: 2-4kmph, Wind direction: 137-186degree, Max RH: 92-96% and Min RH: 68-81%.

### **Weather forecast valid up to 3<sup>rd</sup> September, 2014**

The possibility of Rainfall is 56.0mm for next five days. Max and min temp will be varied between 20.0-23.0°C and 13.0-14.0°C respectively. The sky will be mainly cloudy *i.e.* 6-8Okta; Relative humidity will be varied between 88-92% and 50-60% in the morning and afternoon respectively. The wind will be 4-5kmph. The wind will blow from variable direction at 134-270degree.

***Weekly cumulative rainfall: 56.0mm***

### **Weather Based Agro-meteorological Advisories Bulletin**

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"><li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li><li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li><li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li></ul>
French Bean	Harvesting		<ul style="list-style-type: none"><li>• Harvest before dropping. Leave the immature ones,</li></ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"><li>• Spray neem based pesticides,</li></ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"><li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>• Properly maintain the water level in the field,</li></ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"><li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li></ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"><li>• Install yellow stem borer pheromone traps to monitor the adults,</li><li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li></ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"><li>• Spraying of neem based pesticides is advised,</li><li>• Properly dry the seeds for seed purpose &amp; store,</li></ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"><li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li></ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"><li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li><li>• Make proper drainage in the crop field,</li></ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"><li>• Monitor fruit fly population with Methyl eugenol traps,</li><li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li><li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li></ul>

Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> <li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil borne disease and insect.</li> </ul>
Apple	Fruit Development		<ul style="list-style-type: none"> <li>• Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage,</li> <li>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li> <li>• Spray Bavistin (0.5g/l) to control scab,</li> <li>• Spray Boron (1g/l)</li> <li>• Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>• Avoid dampness, litter should be periodically changed,</li> <li>• Provide clean and fresh water daily,</li> <li>• Vaccination of birds as per the recommended age,</li> <li>• Prevent from Coccidiosis give anti coucidid drops,</li> <li>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>• Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>• Avoid stagnant water near the shed,</li> <li>• Vaccinate against swine fever,</li> <li>• Avoid of eating human excreta,</li> <li>• Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>• Vaccination of animal with FMD,</li> <li>• Treatment – sick animals,</li> </ul>
Rabbits	All stages	Snuffles	<ul style="list-style-type: none"> <li>• Use broad spectrum antibiotic treatment like Gentamycin, anrofloxacin under proper supervision of veterinary officials</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none"> <li>• Vaccinate with PPR,</li> <li>• Provide standard feeds,</li> <li>• Vaccination &amp; deworming at regular interval.</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>• Before stocking, make free the weeds and predators in the pond</li> </ul>
Dog	All stages		<ul style="list-style-type: none"> <li>• Vaccinate against rabies,</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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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



(Anjaw)

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summary of the previous week

Max Temp: 13.0-14.0<sup>o</sup>C, Min Temp: 7.0-8.0<sup>o</sup>C, Wind Speed: 3-4Kmph, Wind Direction: 85-166Degree, Rainfall: 61.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 53.0mm for the next five days. Max Temp: 15.0-18.0<sup>o</sup>C, Min Temp: 6.0-7.0<sup>o</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 5-8Okta, Max RH: 95-97%, Min RH: 64-74%, Wind Speed: 2-6Kmph, Wind Direction: 90-200Degree.

**Weekly cumulative rainfall : 53.0mm**

## Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"><li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li><li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li><li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li></ul>
French Bean	Harvesting		<ul style="list-style-type: none"><li>• Harvest before dropping. Leave the immature ones,</li></ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"><li>• Spray Neem based pesticides,</li></ul>
FIELD CROPS			
Kharif Rice (Early transplanted)	Grain filling	Gundhi bug	<ul style="list-style-type: none"><li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>• Properly maintain the water level in the field,</li></ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"><li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li></ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"><li>• Install yellow stem borer pheromone traps to monitor the adults,</li><li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li></ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"><li>• Spraying of Neem based pesticides is advised,</li><li>• Properly dry the seeds for seed purpose &amp; store,</li></ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"><li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li></ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"><li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li><li>• Make proper drainage in the crop field,</li></ul>
FRUIT CROPS			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"><li>• Monitor fruit fly population with Methyl eugenol traps,</li><li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li><li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li></ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"><li>• Clean the vicinity of plants by weeding and loosen up the soil.</li><li>• Remove sly and use it as a new planting material.</li><li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil</li></ul>

			borne disease and insect.
<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>• Vaccination of birds as per the recommended age,</li> <li>• Avoid dampness, litter should be periodically changed.</li> <li>• Provide clean and fresh water daily.</li> <li>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>• Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>• Vaccinate against swine fever,</li> <li>• Avoid of eating human excreta,</li> <li>• Provide ad libitum water,</li> <li>• Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>• Vaccination of animal with FMD,</li> <li>• Treatment – sick animals,</li> <li>• Vaccination &amp; deworming at regular interval,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>• Before stocking, make free the weeds and predators in the pond</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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





# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summary of the previous week

Max Temp: 24.0-26.0°C, Min Temp: 19.0°C,  
Wind Speed: 2-4Kmph, Wind Direction: 96-  
135Degree, Rainfall: 61.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 52.0mm for the next five days. Max Temp: 25.0-28.0°C, Min Temp: 15.0-16.0°C, Cloud Cover: sky will be cloudy i.e. 5-7 Okta, Max RH: 93-96%, Min RH: 50-64%, Wind Speed: 3-6Kmph, Wind Direction: 91-129Degree.

*Weekly cumulative rainfall : 52.0mm*

## Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul style="list-style-type: none"> <li>• Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>• Remove sly and use it as a new planting material.</li> <li>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/l of water to protect against soil borne disease and insect.</li> </ul>

LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>During day time provide proper ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration,</li> </ul> Regular check the litter materials to prevent from caking,
Pigs	New born/ All stages	Cold	<ul style="list-style-type: none"> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>Before stocking, make free the weeds and predators in the pond</li> </ul>
Dog	All stages		<ul style="list-style-type: none"> <li>Vaccinate against rabies,</li> </ul>
Sheep/Goat	All stages		<ul style="list-style-type: none"> <li>Vaccination &amp; deworming at regular interval.</li> <li>Vaccinate with PPR,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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Agrometeorological Field Unit  
 ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper-Dibang- Valley)

No: 43/2014-15/Fri

Dated: 29<sup>th</sup> August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

### Weather summary of the previous week

Max Temp: 13.0-14.0°C, Min Temp: 4.0-6.0°C, Wind Speed: 2-4Kmph, Wind Direction: 100-155Degree, Rainfall: 72.0mm.

### Weather forecast valid up to 3<sup>rd</sup> September, 2014

The possibility of Rainfall is 50.0mm for the next five days. Max Temp: 14.0-17.0°C, Min Temp: 5.0°C, Cloud Cover: sky will be mainly cloudy i.e. 6-7 Okta, Max RH: 92-94%, Min RH: 49-60%, Wind Speed: 2-6Kmph, Wind Direction: 75-159Degree.

*Weekly cumulative rainfall : 50.0mm*

## Weather Based Agro-meteorological Advisories Bulletin

- **Make proper drainage in the crop field,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.**
- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul style="list-style-type: none"> <li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>• Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul style="list-style-type: none"> <li>• Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spray neem based pesticides,</li> </ul>
<b>FIELD CROPS</b>			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul style="list-style-type: none"> <li>• Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>• Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul style="list-style-type: none"> <li>• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul style="list-style-type: none"> <li>• Install yellow stem borer pheromone traps to monitor the adults,</li> <li>• Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul style="list-style-type: none"> <li>• Spraying of neem based pesticides is advised,</li> <li>• Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	<ul style="list-style-type: none"> <li>• Spraying of infested crop with Imidacloprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>
Green gram	Harvesting	Wilting collar rot	<ul style="list-style-type: none"> <li>• In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>• Make proper drainage in the crop field,</li> </ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk borer	<ul style="list-style-type: none"> <li>• Monitor fruit fly population with Methyl eugenol traps,</li> <li>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Apple	Fruit Development		<ul style="list-style-type: none"> <li>• Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage.</li> <li>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li> <li>• Spray Bavistin (0.5g/l) to control scab</li> <li>• Spray Boron (1g/l)</li> </ul>

			Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily.</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> <li>Vaccination of birds as per the recommended age,</li> </ul>
Pigs	New born	Cold	<ul style="list-style-type: none"> <li>Pig shed/stay should keep dry and avoid dampness during rainy days,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul style="list-style-type: none"> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none"> <li>Vaccinate with PPR,</li> <li>Provide standard feeds,</li> </ul>
Fish	Stocking	-	<ul style="list-style-type: none"> <li>Before stocking, make free the weeds and predators in the pond</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

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