



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Dibang Valley)

No: -39/2013-14/Fri

Dated: 30th August, 2013

Weather during the period

- **Rainfall:** -
 - Roing – 13.1 mm
 - Anini – 14.0 mm

Weather Forecast

• Rainfall – Cloudy/partially cloudy weather with light rains on some occasion is forecasted.
• Temperature - The temperature is likely to be in the range of 6-20°C.
• Relative Humidity - The RH is likely to be in the range of 68-97%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvest	Fruit fly 	<ul style="list-style-type: none">• Make proper drainage in the crop field,• Severe fruit fly damage is reported from most of the places,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• Spraying of Malathion @ 3ml per litre of water is advised,• Use of traps is highly recommended,
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important with appropriate fungicide/insecticide,• Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,
FIELD CROPS			
Jhum Rice	Harvest	Rat	<ul style="list-style-type: none">• Harvest mature crop on priority basis,• When mature crop get wet due to rain, ensure to properly dry the seeds/grains,• Wherever rat menace is there, install rat trap,• Herein, farmers are advised not to kill snakes as they are the mail biological agent which check rodent population,
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.• Wherever rat menace is there, install rat trap,
WRC rice – Main crop (Mipun)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Spraying of Triazophos @ 4 ml/litre.• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.
FRUIT CROPS			
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• Weeding around basin,
Banana	All stages		<ul style="list-style-type: none">• Irrigate the crop,• Removal of side suckers,
Guava	Fruiting		<ul style="list-style-type: none">• Racking of area under the basin may be done
LIVESTOCKS			
Farmers are advised not to follow the IFS model of Pig+fish+poultry/duckery as it causes zoonotic diseases.			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,• Deworming,

			<ul style="list-style-type: none"> Avoid scavenging,
Cattle/Mithun	All stages	FMD/BQ Worm	<ul style="list-style-type: none"> Vaccination, Deworming,
Goat/Sheep	All stages		<ul style="list-style-type: none"> Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none"> 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: -39/2013-14/Fri

Dated: 30th August, 2013

Weather during the period


Rainfall: -

- Seppa – 33.6 mm

Weather Forecast

- **Rainfall** –Partially cloudy/cloudy weather with moderate rains are forecasted. Heavy to very heavy rain may occur at few places.
- **Temperature** - The temperature is likely to be in the range of 8-19°C.
- **Relative Humidity** - The RH is likely to be in the range of 73-98%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvest	Fruit fly 	<ul style="list-style-type: none">• Make proper drainage in the crop field,• Severe fruit fly damage is reported from most of the places,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• Spraying of Malathion @ 3ml per litre of water is advised,• Use of traps is highly recommended,
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting/ Colar rot/ Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important with appropriate fungicide/insecticide,• Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,
FIELD CROPS			
Jhum Rice	Harvest	Rat	<ul style="list-style-type: none">• Harvest mature crop on priority basis,• When mature crop get wet due to rain, ensure to properly dry the seeds/grains,• Wherever rat menace is there, install rat trap,• Herein, farmers are advised not to kill snakes as they are the mail biological agent which check rodent population,
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.• Wherever rat menace is there, install rat trap,
WRC rice – Main crop (Mipun)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.
FRUIT CROPS			
Khasi Mandarin	Fruiting	Trunk borer	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• Weeding around basin,
Guava	Fruiting		<ul style="list-style-type: none">• Racking of area under the basin may be done
LIVESTOCKS			
Farmers are advised not to follow the IFS model of Pig+fish+poultry/duckery as it causes zoonotic diseases.			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Vaccinate according to schedule,

Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,• Deworming,• Avoid scavenging,
Cattle/Mithun	All stages	FMD/BQ Worm	<ul style="list-style-type: none">• Vaccination,• Deworming,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none">• 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			

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Siang)

No: -39/2013-14/Fri

Dated: 30th August, 2013


Weather during the period

- Maximum temperature: 32.8 °C
- Minimum Temperature: 23.0°C
- Rainfall:
Pasighat – 23.1 mm
- Relative humidity (%): 73-98

Weather Forecast

• <u>Rainfall</u> – Partially cloudy/cloudy weather with light/moderate rains forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 19-26°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 89-98 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvest	Fruit fly 	<ul style="list-style-type: none">Make proper drainage in the crop field,Severe fruit fly damage is reported from most of the places,Collection/deep burying (Atleast 4 feet deep) of infected fruit,Spraying of Malathion @ 3ml per litre of water is advised,Use of traps is highly recommended,
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none">In view of cool and moist weather in the coming days farmers are advised to prepare nursery,Those farmers who have prepared nursery are advised to regularly water nursery,Seed treatment is extremely important with appropriate fungicide/insecticide,Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,
FIELD CROPS			
Jhum Rice	Harvest	Rat	<ul style="list-style-type: none">Harvest mature crop on priority basis,When mature crop get wet due to rain, ensure to properly dry the seeds/grains,Wherever rat menace is there, install rat trap,Herein, farmers are advised not to kill snakes as they are the mail biological agent which check rodent population,
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul style="list-style-type: none">Ensure proper moisture level in the crop field,Collect/destroy bugs found in the field,If damage level is high, use Malathion dust 5%.Wherever rat menace is there, install rat trap,
WRC rice – Main crop (Mipun)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none">Ensure proper moisture level in the crop field,Collect/destroy bugs found in the field,If damage level is high, use Malathion dust 5%.
FRUIT CROPS			
Khasi Mandarin	Fruiting	Trunk borer	<ul style="list-style-type: none">In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.Use of light trap to attract adults is also advised.Weeding around basin,
Guava	Fruiting		<ul style="list-style-type: none">Racking of area under the basin may be done
LIVESTOCKS			
Farmers are advised not to follow the IFS model of Pig+fish+poultry/duckery as it causes zoonotic diseases.			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">Vaccinate against swine fever,Deworming,Avoid scavenging,

Cattle/Mithun	All stages	FMD/BQ Worm	<ul style="list-style-type: none">• Vaccination,• Deworming,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none">• 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			

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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: -39/2013-14/Fri

Dated: 30th August, 2013


Weather during the period

- Rainfall: -
 - Tezu – 13.5 mm
 - Namsai – 76.1 mm

Weather Forecast

• <u>Rainfall</u> – Partially cloudy/cloudy weather with light/moderate rains is forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 9-16°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 80-99 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvest	Fruit fly 	<ul style="list-style-type: none">• Make proper drainage in the crop field,• Severe fruit fly damage is reported from most of the places,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• Spraying of Malathion @ 3ml per litre of water is advised,• Use of traps is highly recommended,
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting/ Colar rot/ Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important with appropriate fungicide/insecticide,• Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,
FIELD CROPS			
WRC rice	Tillering/ Flowering	Gundhi bug	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage by bug is high, use Malathion dust 5%.
FRUIT CROPS			
Lemon	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• Weeding around basin,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide adequate amount of potable water• Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,• Deworming,• Avoid scavenging,
Cattle	All stages	FMD/BQ Worm	<ul style="list-style-type: none">• Vaccination,• Deworming,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Provide adequate potable water,• Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none">• Proper feeding
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any quaries/measures against adverse conditions or call at 03795226247/37			

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ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lower Subansiri)

No: -39/2013-14/Fri

Dated: 30th August, 2013

Weather during the period

- Rainfall: -
1. Ziro – 29.2 mm

Weather Forecast

- Rainfall – Cloudy/partially cloudy weather with rains is forecasted.
- Temperature - The temperature is likely to be in the range of 5-19°C.
- Relative Humidity - The RH is likely to be in the range of 75-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important with appropriate fungicide/insecticide,• Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,
FIELD CROPS			
WRC rice – Main crop (Mipun)	Tillering Flowering	Gundhi bug Rodent	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.• Wherever rat menace is there, install rat trap,• Herein, farmers are advised not to kill snakes as they are the mail biological agent which check rodent population,
FRUIT CROPS			
Khasi Mandarin	Fruiting	Trunk borer	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• Weeding around basin,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide adequate amount of potable water• Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,• Deworming,• Avoid scavenging,
Cattle	All stages	FMD/BQ Worm	<ul style="list-style-type: none">• Vaccination,• Deworming,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Provide adequate potable water,• Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none">• Proper feeding
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37			

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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Papum Pare)

No: -38/2013-14/Tue

Dated: 27th August, 2013


Weather during the period

- Maximum temperature: 34.2°C
- Minimum Temperature: 25.1°C
- Relative Humidity (%):77-91
- Rainfall: -
 1. Itanagar – 1.0 mm
 2. Naharlagun – 1.3 mm

Weather Forecast

- Rainfall – Partially cloudy/cloudy weather with rains in few places is forecasted for next 2/3 day.
- Temperature - The temperature is likely to be in the range of 24-29°C.
- Relative Humidity - The RH is likely to be in the range of 66-97%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvest	Fruit fly 	<ul style="list-style-type: none">• Severe soil moisture stress due to dry and hot weather for prolonged dry weather has been recorded. Irrigation is urgently required.• Severe fruit fly damage is reported from most of the places,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• Spraying of Malathion @ 3ml per litre of water is advised,• Use of traps is highly recommended,
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting Collar rot Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important,• Soil drenching with Captan (@3grams/litre of water) or Bavistin(@ 2 grams per litre of water) is advised,
FIELD CROPS			
Jhum Rice	Harvest	Rat	<ul style="list-style-type: none">• Harvest mature crop on priority basis,• When mature crop get wet due to rain, ensure to properly dry the seeds/grains,• Wherever rat menace is there, install rat trap,
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.• Wherever rat menace is there, install rat trap,
WRC rice – Main crop (Mipun)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Spraying of Triazophos @ 4 ml/litre.• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.
FRUIT CROPS			
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• Weeding around basin,
Guava	Fruiting		<ul style="list-style-type: none">• Racking of area under the basin may be done
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide adequate amount of potable water• Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,

			<ul style="list-style-type: none"> • Deworming, • Avoid scavenging,
Cattle	All stages	FMD/BQ Worm	<ul style="list-style-type: none"> • Vaccination, • Deworming,
Goat/Sheep	All stages		<ul style="list-style-type: none"> • Provide adequate potable water, • Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none"> • Proper feeding
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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Agrometeorological Field Unit
ICAR, BASAR

User ID - AMFU_Basar

Password - AMFU_Basar123*

ADC CHMABER MEETING 8-8-2013 (ADC, District level officers)

378393910,9402714795,9402211185,9402927467,9402714795,9436250484,9402973777,9402275617,9436229936,9436054740,9436045369,9436045830,9402253045,9436690900,9436631885,9436665557,9436058034,

LIST OF ICAR OFFICIALS+IMD OFFICIALS

9436252487,9436652646,9402422942,9402651315,9402650412,9436838713,7598257598,9402460760,9436255820,9402653053,9436349035,9436229232,9436731762,8974206188,9415037879,9612161841,9436052877,9402712487,9402464495,9436158901,9402466935,9402495373,9436873441,9436999054,9225569519,9435348405,9818195642,9413271161,9402899679,9435559969,9436217877,9774196803,9436709040,9402830340,9436130953

West Siang Farmers

9436056016,9402455275,9436058412,9436674034,9436880955,9402973984,9402620163,9402493749,9436447365,9402241546,9402066315,9436673944,9402041728,9436862974,9402033852,9402253172,9402836499,9402646832,9402457936,9402467305,9402604987,9436249916,9436045830,9436251001,9402241692,8993821399,9436693576,9436069375,9402495354,9402645500,9436838819,9402651484,9436258711,9402241546,9436255743,9402681325,9402418327,9436678907,9436056026,9402454727,9436256837,9402658566,9402044036,9436093122,9436230230,9402070643,9436255028,9402225194,9402899151,9402220114,9402971276,9436975507,9402431190,9436694924,9436257452,9402651388,9402422673,9402048175,9402608430,9402247884,9402617107,9436639569,9436221890,9402471758,9402255431,9436699719,9436257215,9436271314,9436693624,9436882631,9402979476,9402703290,9436871688,9402933686,9402492641,9436049291,9402213111,8575574379,9402620334,9436606879,9436255739,9402452020,9436056265,9402290519,9402686637,9402495354,9402249841,9402893925,9402499100,9436621815,9402447042,9402414872,9402244274,9402066540,9436220102,9436670640,9436068513,9402922633,9436238275,9402256049,9402657994,9402247687,9402259133,9436874435,9436696374,9402972714,9401926796,9402777060,9402233156,9402061787,9402218706,9436885816,9402493208,9402933754,9402035672,9402472022,9402037069,9402037059,9436236569,9436259913,9402443967,9436643511,9436073691,9402480294,9402935843,9402054143,9436239496,9402074123,9436095178,9436271614,9436096750,9436058416,9402705216,9402224923,9436258383,9402720658,9436222513,9436693692,9402412153,9436419150,9402815901

ICAR,BASAR:Clear/dry weather with partial cloudiness & light showers during forenoon is fcst.Rice(Jhum):Harvest mature crops.Vegetable:Irrigation-urgently required.Green/Black Gram:Irrigation-urgent or grain filling effected.

PAPUMPARE

9436247508,9436229327,9863264614,9436637900,9856233080,8729901269,9436419888,943666746,9402625891,9862589745,9402934633,9436257172,7308217953,8014784441,9402784362,801420356,9402030588,9402737702,8014160422,9615044818,9402228056,9402211813,9856616164,943666774,9856786384,9402629865,8876758388,9402219214

ICAR,BASAR:Clear/hot weather is fcst for next 1/2 days.Partial cloudiness with light rains may occur on some days.Rice(WRC)-Present weather demands maintaining optimum water level in rice field(atleast 5mm).Vegetable:Light/periodic(2-3days interval)irrigation-Evening.

EAST SIANG

9856024994,7308028248,9864592041,9402700911,9402004913,8014015289,9436043217,8974557267,9402927454,9402478520,9436839039,9436091813,9612601367,9436838322,9402690748,9402280146

ICAR,BASAR:Clear/dry and hot weather with possibility of cloudiness with light/moderate rains on some occasion forecasted.Rice(WRC)-Present weather demands maintaining optimum water level in rice field(atleast 5mm).Vegetable:Light/periodic(2-3days interval)irrigation-Evening.

East KAMENG

9402735782,9402219373,9402943290,9402492578,9436837488,9436051770,9436652767

LOWER DIBANG VALLEY

9436258158,9436693167,9402509090,7308134466,9436836352,9402701044,9862949751,9402460760

LOHIT

9436639156,9863432002,9863466733,9863157560,9856574087,9862872856,9863991187,7308053658,9436049787,9436049674

ICAR, BASAR: Partially cloudy weather & light/moderate rains fcst. Rice (WRC)-Maintain optimum water level in rice field (atleast 5mm).Vegetable/Green/Black Gram: Based on weather, light/periodic (2-3days interval) irrigation-Evening.

TIRAP

8974317109,9436222149

ICAR,BASAR:Partially cloudy/clear weather with light showers is fcst.Vegetable/Green/Black Gram:Ensure optimum moisture in field.

UPPER SIANG

9402891541,9402251093,9436226146,9402042299,9402263162,9436864683,9402477181,9402474669,9402944936,9402687201,9402216792

ICAR,BASAR:Clear/dry weather with partial cloudiness & light showers during forenoon is fcst.Rice(Jhum):Harvest mature crops.Vegetable:Irrigation-urgently required.Green/Black Gram:Irrigation-urgent or grain filling effected.

WEST KAMENG

3780200204,9436630962,9436069051,9436237448,9436055516

ICAR,BASAR: **Partly cloudy/clear weather is forecasted.**Vegetable:Irrigation-urgently required.Cauliflower/cabbage:Maintain adequate moisture in the seedbed/main crop.

FARMERS

9436667464,9436881122,9862589745,9402277743,8014203562,9401926796,9436862890,9402061787,9402622448,9402442610,9402083574,9436878716,9436878716,9402071395,9402033927,9402685319,8413837945,9402737792,9436667464,9436881122,9862589745,9402277743,8014203562,9401926796,9436862890,9402061787,9402622448,9402442610,9402083574,9436878716,9436878716,9402071395,9402033927,9402685319,8413837945,9402737792

ICAR,BASAR:Rice(Jhum):Adequately dry the harvested crop/seeds/grains.Veg.Crops:Make proper drainage.Poultry:Follow schedule vaccination.Cattle/Mithun:Vaccination against FMD/Black Quarters.

TAWANG

9436413659,9436835987,9436833760

ICAR,BASAR:Cloudy weather with moderate/heavy rains is fcst for next 2/3 days.Apple:Monitor against attack of borer/fruit sucking insects/install light traps.

CHANGLANG

9402700421,9402253446,9436228798,9402974777

ICAR,BASAR:Cloudy weather with moderate rains-fcst for next 2/3 days.Occasional clear/sunny weather may be there.Rice:Properly dry the harvested crop/seeds/grains before storing.Veg.Crops:Make proper drainage.

30-08-2013: ICAR,BASAR:Cloudy weather with moderate rains-fcst for next 2/3 days.Occasional clear/sunny weather may be there.Heavy rains-fcst in few places.Rice(Jhum):Adequately dry the harvested crop/seeds/grains.Veg.Crops:Make proper drainage.Agromet Advisory Bulletin 31-08-13



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tawang)

No: -38/2013-14/Tue

Dated: 27th August, 2013

Weather during the period

- Rainfall: -
 1. Tawang – 53.0 mm

Weather Forecast

- Rainfall – Partial cloudy weather is fcst with light rains in few places.
- Temperature - The temperature is likely to be in the range of 11-16°C.
- Relative Humidity - The RH is likely to be in the range of 78-95 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FRUITS			
Apple	Maturity/ Fruit Development	Fruit Fly Trunk Borer	<ul style="list-style-type: none">• In present weather conditions, severe fruit fly damage is reported,• 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,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide adequate amount of potable water• Vaccinate according to schedule,
Cattle	All stages	FMD BQ Deworming	<ul style="list-style-type: none">• Vaccinate as per schedule,• Deworming with Briben Plus is advised,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Deworming and vaccination.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)			

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tirap)

No: -38/2013-14/Tue

Dated: 27th August, 2013

Weather during the period

- **Rainfall:** -
 - **Khonsa** –30.4 mm
 - **Deomali** – 11.2 mm

Weather Forecast

- **Rainfall** –Clear/partial cloudy with light rains in few places is forecasted for next 2/3 day.
- **Temperature** - The temperature is likely to be in the range of 20-30°C.
- **Relative Humidity** - The RH is likely to be in the range of 66-100 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvest	Fruit fly 	<ul style="list-style-type: none">• Severe soil moisture stress due to dry and hot weather for prolonged dry weather has been recorded. Irrigation is urgently required.• Severe fruit fly damage is reported from most of the places,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• Spraying of Malathion @ 3ml per litre of water is advised,• Use of traps is highly recommended,
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting Colar rot Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important,• Soil drenching with Captan (@3grams/litre of water) or Bavistin(@ 2 grams per litre of water) is advised,
FIELD CROPS			
WRC rice – Main crop (Mipun)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Spraying of Triazophos @ 4 ml/litre.• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.
FRUIT CROPS			
Lemon	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,• Weeding around basin,• Avoid water stagnation near the tree trunk,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide adequate amount of potable water• Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,• Deworming,• Avoid scavenging,
Cattle	All stages	FMD/BQ Worm	<ul style="list-style-type: none">• Vaccination,• Deworming,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Provide adequate potable water,• Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none">• Proper feeding
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any quaries/measures against adverse conditions or call at 03795226247/37			



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No: -38/2013-14/Tue

Dated: 27th August, 2013

Weather during the period

- Rainfall: -
N Tuting – 15.2 mm

Weather Forecast

- Rainfall –Partial cloudy/clear weather is forecasted in next 2/3 day.
- 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 67-93%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting Colar rot Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important,• Soil drenching with Captan (@3grams/litre of water) or Bavistin(@ 2 grams per litre of water) is advised,
FIELD CROPS			
Jhum Rice	Harvest	Rat	<ul style="list-style-type: none">• Harvest mature crop on priority basis,• When mature crop get wet due to rain, ensure to properly dry the seeds/grains,• Wherever rat menace is there, install rat trap,
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.• Wherever rat menace is there, install rat trap,
WRC rice – Main crop (Mipun)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Spraying of Triazophos @ 4 ml/litre.• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.
FRUIT CROPS			
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• Weeding around basin,
Banana	All stages		<ul style="list-style-type: none">• Irrigate the crop,• Removal of side suckers,
Guava	Fruiting		<ul style="list-style-type: none">• Racking of area under the basin may be done
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide adequate amount of potable water• Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,• Deworming,• Avoid scavenging,
Cattle	All stages	FMD/BQ Worm	<ul style="list-style-type: none">• Vaccination,• Deworming,
Fish	All stages		<ul style="list-style-type: none">• Proper feeding
<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			



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No: -39/2013-14/Fri

Dated: 30th August, 2013


Weather during the period

- Rainfall: -
 - Daporijo- 5.0 mm

Weather Forecast

• <u>Rainfall</u> –Cloudy/partially cloudy weather with rains in few places is forecasted for next 2/3 day.
• <u>Temperature</u> - The temperature is likely to be in the range of 10-20°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 78-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvest	Fruit fly 	<ul style="list-style-type: none">• Make proper drainage in the crop field,• Severe fruit fly damage is reported from most of the places,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• Spraying of Malathion @ 3ml per litre of water is advised,• Use of traps is highly recommended,
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting/ Colar rot/ Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important with appropriate fungicide/insecticide,• Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,
FIELD CROPS			
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.• Wherever rat menace is there, install rat trap,
WRC rice – Main crop (Mipun)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Spraying of Triazophos @ 4 ml/litre.• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.
FRUIT CROPS			
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• Weeding around basin,
LIVESTOCKS			
Farmers are advised not to follow the IFS model of Pig+fish+poultry/duckery as it causes zoonotic diseases.			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,• Deworming,• Avoid scavenging,
Cattle/Mithun	All stages	FMD/BQ Worm	<ul style="list-style-type: none">• Vaccination,• Deworming,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none">• Pond sides should be properly cleaned,• Harvest of mature fish,

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

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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Kameng)

No: -39/2013-14/Fri

Dated: 30th August, 2013

Weather during the period

- Rainfall: - Bomdila – 10.9.0 mm
Bhalokpung – 151.3 mm

Weather Forecast

- Rainfall-Cloudy/partially cloudy weather with moderate/heavy rains is forecasted.
- Temperature - The temperature is likely to be in the range of 11-20°C.
- Relative Humidity - The RH is likely to be in the range of 80-98%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FRUITS			
Apple	Maturity/ Fruit Development	Fruit Fly Trunk Borer	<ul style="list-style-type: none">• In present weather conditions famers are advised to properly make drainage in the crop basis,• Monitoring of fruit fly damage is also advised,• 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,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide adequate amount of potable water• Vaccinate according to schedule,
Cattle	All stages	FMD BQ Deworming	<ul style="list-style-type: none">• Vaccinate as per schedule,• Deworming with Briben Plus is advised,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Deworming and vaccination.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)			

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West Siang, Basar – 791 101



(West Siang)

No: -39/2013-14/Fri

Dated: 30th August, 2013

Weather during the period


- **During the period weather was cloudy and moderate rains were recorded.**
- Maximum temperature: 27 °C
- Minimum Temperature: 22.0 °C
- Rainfall: 76.2 mm
- Evapotranspiration: - **NA**
- Relative Humidity (%):- 79-100 %
- Soil moisture (m²/ m²): 0.37
- Prominent Wind Direction: North West (Morning hours) & South West (Afternoon)
- Average Wind Speed: **0.4 metres per second**
- Average Sunshine hours : **0.3 hours**

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

Weather Forecast

- | |
|--|
| • <u>Rainfall</u> – Cloudy weather with moderate rains-fcst for next 2/3 days. Occasional clear/sunny weather may be there. Heavy rains-fcst in few places. |
| • <u>Temperature</u> – Temperature will vary between 14-19°C. |
| • <u>Relative Humidity</u> - The RH is likely to be in the range of 83-97 %. |

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvest	Fruit fly 	<ul style="list-style-type: none">• Make proper drainage in the crop field,• Severe fruit fly damage is reported from most of the places,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• Spraying of Malathion @ 3ml per litre of water is advised,• Use of traps is highly recommended,
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important with appropriate fungicide/insecticide,• Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,
FIELD CROPS			
Jhum Rice	Harvest	Rat	<ul style="list-style-type: none">• Harvest mature crop on priority basis,• When mature crop get wet due to rain, ensure to properly dry the seeds/grains,• Wherever rat menace is there, install rat trap,• Herein, farmers are advised not to kill snakes as they are the main biological agent which check rodent population,
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.• Wherever rat menace is there, install rat trap,
WRC rice – Main crop (Mipun)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Spraying of Triazophos @ 4 ml/litre.• Collect/destroy bugs found in the field,• If damage level is high, use Malathion dust 5%.
FRUIT CROPS			
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• Weeding around basin,

Banana	All stages		<ul style="list-style-type: none">• Irrigate the crop,• Removal of side suckers,
Guava	Fruiting		<ul style="list-style-type: none">• Racking of area under the basin may be done
LIVESTOCKS			
Farmers are advised not to follow the IFS model of Pig+fish+poultry/duckery as it causes zoonotic diseases.			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,• Deworming,• Avoid scavenging,
Cattle/Mithun	All stages	FMD/BQ Worm	<ul style="list-style-type: none">• Vaccination,• Deworming,
Rabbits	All stages		<ul style="list-style-type: none">• Keep strict vigil against coccidiosis
Dog	All stages		<ul style="list-style-type: none">• Vaccinate against rabies,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none">• 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			

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Agro Meteorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No: -39/2013-14/Fri

Dated: 30th August, 2013


Weather during the period

- **Rainfall:** -
 - Changlang – 37.0 mm
 - Miao – 11.4 mm

Weather Forecast

- **Rainfall** – Cloudy/partially cloudy weather with moderate rains is forecasted. Heavy rains forecasted in few places.
- **Temperature** - The temperature is likely to be in the range of 16-22 °C.
- **Relative Humidity** - The RH is likely to be in the range of 80-99 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Harvest	Fruit fly 	<ul style="list-style-type: none">• Make proper drainage in the crop field,• Severe fruit fly damage is reported from most of the places,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• Spraying of Malathion @ 3ml per litre of water is advised,• Use of traps is highly recommended,
Cauliflower/ Cabbage/ Radish	Nursery preparation	Wilting/ Colar rot/ Damping off	<ul style="list-style-type: none">• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Those farmers who have prepared nursery are advised to regularly water nursery,• Seed treatment is extremely important with appropriate fungicide/insecticide,• Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,
FIELD CROPS			
WRC rice	Tillering/ Flowering	Gundhi bug	<ul style="list-style-type: none">• Ensure proper moisture level in the crop field,• Collect/destroy bugs found in the field,• If damage by bug is high, use Malathion dust 5%.
FRUIT CROPS			
Lemon	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.• Use of light trap to attract adults is also advised.• Weeding around basin,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide adequate amount of potable water• Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Vaccinate against swine fever,• Deworming,• Avoid scavenging,
Cattle	All stages	FMD/BQ Worm	<ul style="list-style-type: none">• Vaccination,• Deworming,
Goat/Sheep	All stages		<ul style="list-style-type: none">• Provide adequate potable water,• Deworming and vaccination.
Fish	All stages		<ul style="list-style-type: none">• Proper feeding
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any quaries/measures against adverse conditions or call at 03795226247/37			

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