



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lohit)

No:-40/2013-14/Tue

Dated: 3rd September, 2013


Weather during the period

- Rainfall: -
 - Tezu – 74.2 mm
 - Namsai – 63.8 mm

Weather Forecast

• <u>Rainfall</u> –Cloudy weather with heavy to very heavy rains forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 8-15°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 79-99 %.

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	Cutworm Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none"> • Protect the nursery from direct rain. Provide shade. • In view of cool and moist weather in the coming days farmers are advised to prepare nursery, • Maintain appropriate moisture level in the 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"> • 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"> • 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"> • 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 			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department
Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lower Subansiri)

No:-40/2013-14/Tue

Dated: 3rd September, 2013

Weather during the period

- Rainfall: -
1. Ziro – 1.2 mm

Weather Forecast

- Rainfall – Cloudy/partially cloudy weather with heavy to moderate rains forecasted.
- Temperature - The temperature is likely to be in the range of 8-14°C.
- Relative Humidity - The RH is likely to be in the range of 78-98 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Radish	Nursery preparation	Cutworm Wilting/ Colar rot/ Damping off	<ul style="list-style-type: none">• Protect the nursery from direct rain. Provide shade.• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Maintain appropriate moisture level in the 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">• 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">• 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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Papum Pare)

No:-40/2013-14/Tue

Dated: 3rd September, 2013


Weather during the period

- Maximum temperature: 32.0°C
- Minimum Temperature: 24.0°C
- Relative Humidity (%):83-98
- Rainfall: -
 1. Itanagar – 51.0 mm
 2. Naharlagun – 74.4 mm

Weather Forecast

- Rainfall – Cloudy weather with moderate to heavy rains forecasted for next 2/3 days. Heavy rains may occur at few places.
- Temperature - The temperature is likely to be in the range of 24-32°C.
- Relative Humidity - The RH is likely to be in the range of 64-98%.

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	Cutworm Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none">• Protect the nursery from direct rain. Provide shade.• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Maintain appropriate moisture level in the 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">• When mature harvested 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">• 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">• 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">• 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,
<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



(Tawang)

No:-40/2013-14/Tue

Dated: 3rd September, 2013

Weather during the period

- Rainfall: -
 1. Tawang – 23.0 mm

Weather Forecast

- Rainfall –Cloudy weather with heavy rains for next one/two days and thereafter partially cloudy weather with light rains are forecasted.
- Temperature - The temperature is likely to be in the range of 10-15°C.
- Relative Humidity - The RH is likely to be in the range of 75-94 %.

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:-40/2013-14/Tue

Dated: 3rd September, 2013


Weather during the period

- Rainfall: -
 - Khonsa –NA
 - Deomali – 25.8 mm

Weather Forecast

• <u>Rainfall</u> –Partially cloudy weather with light rains in few places is forecasted for next 2/3 day.
• <u>Temperature</u> - The temperature is likely to be in the range of 20-29°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 73-99 %.

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	Cutworm Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none"> • Protect the nursery from direct rain. Provide shade. • In view of cool and moist weather in the coming days farmers are advised to prepare nursery, • Maintain appropriate moisture level in the 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"> • 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"> • 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"> • 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 			



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No:-40/2013-14/Tue

Dated: 3rd September, 2013


Weather during the period

- Rainfall: -
 - Tuting – 107.6 mm

Weather Forecast

- Rainfall – Cloudy weather with moderate to heavy rains forecasted in next 2/3 day.
- Temperature - The temperature is likely to be in the range of 9-15°C.
- Relative Humidity - The RH is likely to be in the range of 70-95%.

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	Cutworm Wilting/ Colar rot/ Damping off	<ul style="list-style-type: none"> • Protect the nursery from direct rain. Provide shade. • In view of cool and moist weather in the coming days farmers are advised to prepare nursery, • Maintain appropriate moisture level in the 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"> • 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"> • 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"> • 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,
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



(Upper Subansiri)

No:-40/2013-14/Tue

Dated: 3rd September, 2013


Weather during the period

- Rainfall: -
 - Daporijo- 11.4 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 8-14°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 79-97 %.

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	Cutworm Wilting/ Colar rot/ Damping off	<ul style="list-style-type: none">• Protect the nursery from direct rain. Provide shade.• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Maintain appropriate moisture level in the 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">• 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">• 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">• 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,
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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ICAR, BASAR



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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Kameng)

No:-40/2013-14/Tue

Dated: 3rd September, 2013

Weather during the period

- Rainfall: - Bomdila – 0.0 mm
Bhalokpung – 65.0 mm

Weather Forecast

• <u>Rainfall</u> -Cloudy/partially cloudy weather with moderate/heavy rains is forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 10-16°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 77-97%.

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:-40/2013-14/Tue

Dated: 3rd September, 2013

Weather during the period


- During the period weather was cloudy and moderate/heavy rains were recorded.
- Maximum temperature: 26.5 °C
- Minimum Temperature: 21.9 °C
- Rainfall: **103.2** mm
- Evapotranspiration: - **NA**
- Relative Humidity (%):- 83-100 %
- Soil moisture (m²/ m²):0.34
- Prominent Wind Direction: South West (Morning hours) & South East (Afternoon)
- Average Wind Speed: **0.4 metres per second**
- Average Sunshine hours : **0.1 hours**

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

Weather Forecast

- | |
|---|
| • <u>Rainfall</u> – Cloudy weather with moderate/heavy rains is forecasted for next 2/3 days. Occasional clear/sunny weather may be there. Very heavy rains are forecasted in few places. |
| • <u>Temperature</u> – Temperature will vary between 13-18°C. |
| • <u>Relative Humidity</u> - The RH is likely to be in the range of 88-97 %. |

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	Cutworm Wilting/ Colar rot/ Damping off	<ul style="list-style-type: none">• Protect the nursery from direct rain. Provide shade.• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Maintain appropriate moisture level in the 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">• When mature harvested 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">• 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">• 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">• 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">• Removal of side suckers,
Guava	Fruiting	Fruit fly	<ul style="list-style-type: none">• Racking of area under the basin may be done,• Collect and destroy dropped fruits,
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:-40/2013-14/Tue

Dated: 3rd September, 2013


Weather during the period

- **Rainfall:** -
 - Changlang – 34.8 mm
 - Miao – 110.6 mm

Weather Forecast

- **Rainfall** – Cloudy/partially cloudy weather with moderate/heavy rains forecasted for next ½ days and thereafter partially cloudy weather with light rains forecasted.
- **Temperature** - The temperature is likely to be in the range of 15-22 °C.
- **Relative Humidity** - The RH is likely to be in the range of 76-99 %.

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	Cutworm Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none">• Protect the nursery from direct rain. Provide shade.• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Maintain appropriate moisture level in the 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">• 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">• 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">• 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
• 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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West Siang, Basar – 791 101



(Dibang Valley)

No:-40/2013-14/Tue

Dated: 3rd September, 2013


Weather during the period

- **Rainfall:** -
 - Roing – NA
 - Anini – 13.0 mm

Weather Forecast

• Rainfall – Cloudy/partially cloudy weather with moderate/heavy rains on some occasion is forecasted.
• Temperature - The temperature is likely to be in the range of 6-17°C.
• Relative Humidity - The RH is likely to be in the range of 65-98%.

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	Cutworm Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none">• Protect the nursery from direct rain. Provide shade.• In view of cool and moist weather in the coming days farmers are advised to prepare nursery,• Maintain appropriate moisture level in the 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">• When mature harvested 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">• 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">• 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">• 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">• Removal of side suckers,
Guava	Fruiting	Fruit fly	<ul style="list-style-type: none">• Racking of area under the basin may be done,• Collect and destroy dropped fruits,
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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West Siang, Basar – 791 101



(East Kameng)

No:-40/2013-14/Tue

Dated: 3rd September, 2013

Weather during the period


Rainfall: -

- Seppa – 58.3 mm

Weather Forecast

• <u>Rainfall</u> –Cloudy weather with moderate/heavy rains are forecasted. Heavy to very heavy rain may occur at few places.
• <u>Temperature</u> - The temperature is likely to be in the range of 8-16°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 71-99%.

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	Cutworm Wilting/ Colar rot/ Damping off	<ul style="list-style-type: none"> • Protect the nursery from direct rain. Provide shade. • In view of cool and moist weather in the coming days farmers are advised to prepare nursery, • Maintain appropriate moisture level in the 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			
<i>Jhum</i> Rice	Harvest	Rat	<ul style="list-style-type: none"> • When mature harvested 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	Maturity Harvest	Gundhi Bug Rat	<ul style="list-style-type: none"> • Harvest of mature crop may be done on a clear day. • 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 (<i>Mipun</i>)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none"> • 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"> • 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,

			<ul style="list-style-type: none">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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(East Siang)

No:-40/2013-14/Tue

Dated: 3rd September, 2013


Weather during the period

- Maximum temperature: 30.0 °C
- Minimum Temperature: 23.1°C
- Rainfall:
 Pasighat – 202.4 mm
- Relative humidity (%): 92-100

Weather Forecast

• <u>Rainfall</u> – Cloudy weather with moderate to heavy rains forecasted for next ½ days and thereafter light rains forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 24-31°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 66-98 %.

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	Cutworm Wilting/ Collar rot/ Damping off	<ul style="list-style-type: none"> • Protect the nursery from direct rain. Provide shade. • In view of cool and moist weather in the coming days farmers are advised to prepare nursery, • Maintain appropriate moisture level in the 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			
<i>Jhum</i> Rice	Harvest	Rat	<ul style="list-style-type: none"> • When mature harvested 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"> • 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 (<i>Mipun</i>)	Tillering Flowering	Gundhi bug	<ul style="list-style-type: none"> • 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"> • 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,
<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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