

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



# (<u>Lohit</u>)

## No:-40/2013-14/Tue

Weather during the period

Dated: 3<sup>rd</sup> September, 2013

- <u>Rainfall</u>: -
  - 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>
- <u>**Relative Humidity</u>** The RH is likely to be in the range of 79-99 %.</u>

Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			EGETABLE CROPS
Cucurbits	Harvest	Fruit fly	• Make proper drainage in the crop field,
		E.	• Severe fruit fly damage is reported from most of the
		spel	places,
		PLACE STR	• 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/	Nursery	Cutworm	• Protect the nursery from direct rain. Provide shade.
Cabbage/	preparation		• In view of cool and moist weather in the coming days
Radish		<b>XX</b> 7'14' /	farmers are advised to prepare nursery,
		Wilting/	• Maintain appropriate moisture level in the nursery,
		Colar rot/	• Seed treatment is extremely important with appropriate
		Damping off	fungicide/insecticide,
			• Soil drenching with Captan (@3grams/litre of water) of
			Bavistin (@ 2 grams per litre of water) is advised,
	ſ	1	FIELD CROPS
WRC rice	Tillering	Gundhi bug	• Spraying of Triazophos @ 4 ml/litre.
	Flowering		• Collect/destroy bugs found in the field,
			• If damage level is high, use Malathion dust 5%.
	1		FRUIT CROPS
Lemon	Fruiting	Trunk borer,	• Cleaning of entry hole and treatment with Dichlorvos
		Ants	dipped cotton swabs is advised.
		Lichen/	• Use of light trap to attract adults is also advised.
		mosses	Weeding around basin,
			LIVESTOCKS
Farmers are ad diseases.	lvised not to fo	ollow the IFS m	odel of Pig+fish+poultry/duckery as it causes zoonotic
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• Provide adequate amount of potable water
			• Vaccinate according to schedule,
Pigs	All stages	Swine fever	• Vaccinate against swine fever,
-	_		• Deworming,
			• Avoid scavenging,
Cattle	All stages	FMD/BQ	• Vaccination,
	0	Worm	• Deworming,
Goat/Sheep	All stages		<ul> <li>Provide adequate potable water,</li> </ul>
P			<ul> <li>Deworming and vaccination.</li> </ul>
Fish	All stages		Proper feeding
	e		
	ientists (ICAR or call at 0379		Staff or KVK staff for any quaries/measures against adverse
			l Pradesh Centre, Basar and India Meteorological Department



ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar – 791 101



# (Lower Subansiri)

#### No:-40/2013-14/Tue

Weather during the period

Dated: 3<sup>rd</sup> September, 2013

<u>Rainfall</u>: -1. Ziro – 1.2 mm

## Weather Forecast

<u>Rainfall</u> – Cloudy/partially cloudy weather with heavy to moderate rains forecasted.
 <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 78-98 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
VEGETABLE CROPS						
Cauliflower/	Nursery	Cutworm	• Protect the nursery from direct rain. Provide shade.			
Cabbage/	preparation		• In view of cool and moist weather in the coming days			
Radish			farmers are advised to prepare nursery,			
		Wilting/	• Maintain appropriate moisture level in the nursery,			
		Colar rot/	• Seed treatment is extremely important with appropriate			
		Damping off	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	Gundhi bug	• Spraying of Triazophos @ 4 ml/litre.			
	Flowering		• Collect/destroy bugs found in the field,			
			• If damage level is high, use Malathion dust 5%.			
		·	FRUIT CROPS			
Khasi	Fruiting	Trunk borer,	• Cleaning of entry hole and treatment with Dichlorvos			
Mandarin		Ants	dipped cotton swabs is advised.			
		Lichen/	• Use of light trap to attract adults is also advised.			
		mosses	• Weeding around basin,			
			LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages		• Provide adequate amount of potable water			
			• Vaccinate according to schedule,			
Pigs	All stages	Swine fever	• Vaccinate against swine fever,			
			• Deworming,			
			Avoid scavenging,			
Cattle	All stages	FMD/BQ	• Vaccination,			
		Worm	• Deworming,			
Goat/Sheep	All stages		• Provide adequate potable water,			
-			Deworming and vaccination.			
Fish	All stages		Proper feeding			
Contact Sc	ientists (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: - <u>IAAS.BASAR@gmail.com</u>, Phone Number: - 03795-226247/37,-96 (Fax)



ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar – 791 101



# (<u>Papum Pare</u>)

#### No:-40/2013-14/Tue

Dated: 3<sup>rd</sup> September, 2013

## Weather during the period

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

## Weather Forecast

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

Worm

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
	VEGETABLE CROPS					
Cucurbits	Harvest	Fruit fly	<ul> <li>Make proper drainage in the crop field,</li> <li>Severe fruit fly damage is reported from most of the places,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>Spraying of Malathion @ 3ml per litre of water is advised,</li> <li>Use of traps is highly recommended,</li> </ul>			
Cauliflower/ Cabbage/ Radish	Nursery preparation	Cutworm Wilting/ Colar rot/ Damping off	<ul> <li>Protect the nursery from direct rain. Provide shade.</li> <li>In view of cool and moist weather in the coming days farmers are advised to prepare nursery,</li> <li>Maintain appropriate moisture level in the nursery,</li> <li>Seed treatment is extremely important with appropriate fungicide/insecticide,</li> <li>Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,</li> </ul>			
			FIELD CROPS			
Jhum Rice	Harvest	Rat	<ul> <li>When mature harvested crop get wet due to rain, ensure to properly dry the seeds/grains,</li> <li>Wherever rat menace is there, install rat trap,</li> <li>Herein, farmers are advised not to kill snakes as they are the main biological agent which check redent population</li> </ul>			
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul> <li>main biological agent which check rodent population,</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> <li>Wherever rat menace is there, install rat trap,</li> </ul>			
WRC rice – Main crop ( <i>Mipun</i> )	Tillering Flowering	Gundhi bug	<ul> <li>Spraying of Triazophos @ 4 ml/litre.</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> </ul>			
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>FRUIT CROPS</li> <li>Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>			
			LIVESTOCKS			
	lvised not to fo	llow the IFS m	odel of Pig+fish+poultry/duckery as it causes zoonotic diseases.			
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages		Vaccinate according to schedule,			
Pigs	All stages	Swine fever	<ul><li>Vaccinate against swine fever,</li><li>Deworming,</li><li>Avoid scavenging,</li></ul>			
Cattle/Mithun	All stages	FMD/BQ	• Vaccination,			

Deworming,

Goat/Sheep	All stages	Deworming and vaccination.				
Fish	All stages	• Pond sides should be properly cleaned,				
		• Harvest of mature fish,				
Contact Sc	• 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

<u>West Siang, Basar – 791 101</u>



## (Tawang)

No:-40/2013-14/Tue

## Weather during the period

Dated: 3rd September, 2013

<u>Rainfall</u>: 
 Tawang – 23.0 mm

## Weather Forecast

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

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed					
	FRUITS							
Apple	Maturity Fruit	, , , , , , , , , , , , , , , , , , ,	• In present weather conditions, severe fruit fly damage is reported,					
	Developme	ent	<ul> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>					
		Trunk Borer	<ul> <li>Installation of light traps to capture adults.</li> <li>Urgent/immediate treatment of affected parts of trees,</li> </ul>					
		·	LIVESTOCKS					
Livestock	Stage	Disease	Precautionary Practices to be followed					
Poultry	All stages		<ul><li>Provide adequate amount of potable water</li><li>Vaccinate according to schedule,</li></ul>					
Cattle	All stages	FMD BQ Deworming	<ul> <li>Vaccinate as per schedule,</li> <li>Deworming with Briben Plus is advised,</li> </ul>					
Goat/Sheep	All stages		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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101

# (Tirap)



## No:-40/2013-14/Tue

Weather during the period

Dated: 3<sup>rd</sup> September, 2013

- <u>Rainfall</u>: -
  - <u>Khonsa</u>–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 %. ٠

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed				
	VEGETABLE CROPS						
Cucurbits	Harvest	Fruit fly	<ul> <li>Make proper drainage in the crop field,</li> <li>Severe fruit fly damage is reported from most of the places,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>Spraying of Malathion @ 3ml per litre of water is advised,</li> <li>Use of traps is highly recommended,</li> </ul>				
Cauliflower/ Cabbage/ Radish	Nursery preparation	Cutworm Wilting/ Colar rot/ Damping off	<ul> <li>Protect the nursery from direct rain. Provide shade.</li> <li>In view of cool and moist weather in the coming days farmers are advised to prepare nursery,</li> <li>Maintain appropriate moisture level in the nursery,</li> <li>Seed treatment is extremely important with appropriate fungicide/insecticide,</li> <li>Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,</li> </ul>				
	<b>D</b> '11 '	0 11 1	FIELD CROPS				
WRC rice	Tillering Flowering	Gundhi bug	<ul> <li>Spraying of Triazophos @ 4 ml/litre.</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> <li>FRUIT CROPS</li> </ul>				
Lemon	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>				
			LIVESTOCKS				
Farmers are ad diseases.	lvised not to fo	ollow the IFS m	odel of Pig+fish+poultry/duckery as it causes zoonotic				
Livestock	Stage	Disease	Precautionary Practices to be followed				
Poultry	All stages		<ul><li>Provide adequate amount of potable water</li><li>Vaccinate according to schedule,</li></ul>				
Pigs	All stages	Swine fever	<ul> <li>Vaccinate against swine fever,</li> <li>Deworming,</li> <li>Avoid scavenging,</li> </ul>				
Cattle	All stages	FMD/BQ Worm	<ul> <li>Vaccination,</li> <li>Deworming,</li> </ul>				
Goat/Sheep	All stages		<ul> <li>Provide adequate potable water,</li> <li>Deworming and vaccination.</li> </ul>				
Fish	All stages		Proper feeding				
conditions	or call at 0379	5226247/37	Staff or KVK staff for any quaries/measures against adverse				

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre





## (Upper Siang)

## No:-40/2013-14/Tue

## Weather during the period

Dated: 3<sup>rd</sup> September, 2013

- <u>Rainfall</u>: -
  - Tuting 107.6 mm

## Weather Forecast

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

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed			
	VEGETABLE CROPS						
Cucurbits	Harvest	Fruit fly	٠	Make proper drainage in the crop field,			
		E.	٠	Severe fruit fly damage is reported from most of the			
		1 Alexandre		places,			
		PLC 152	•	Collection/deep burying (Atleast 4 feet deep) of infected			
				fruit,			
			•	Spraying of Malathion @ 3ml per litre of water is advised,			
			٠	Use of traps is highly recommended,			
Cauliflower/	Nursery	Cutworm	٠	Protect the nursery from direct rain. Provide shade.			
Cabbage/	preparation		٠	In view of cool and moist weather in the coming days			
Radish				farmers are advised to prepare nursery,			
		Wilting/	•	Maintain appropriate moisture level in the nursery,			
		Colar rot/	•	Seed treatment is extremely important with appropriate			
		Damping off		fungicide/insecticide,			
			٠	Soil drenching with Captan (@3grams/litre of water) or			
				Bavistin (@ 2 grams per litre of water) is advised,			
		T	]	FIELD CROPS			
WRC rice-	Milky stage	Gundhi Bug	•	Collect/destroy bugs found in the field,			
early crop	Maturity	_	•	If damage level is high, use Malathion dust 5%.			
		Rat	•	Wherever rat menace is there, install rat trap,			
WRC rice –	Tillering	Gundhi bug	٠	Spraying of Triazophos @ 4 ml/litre.			
Main crop	Flowering		•	Collect/destroy bugs found in the field,			
(Mipun)			•	If damage level is high, use Malathion dust 5%.			
		1	]	FRUIT CROPS			
Khasi	Fruiting	Trunk borer,	٠	Cleaning of entry hole and treatment with Dichlorvos			
Mandarin		Ants		dipped cotton swabs is advised.			
		Lichen/	•	Use of light trap to attract adults is also advised.			
		mosses	•	Weeding around basin,			
				LIVESTOCKS			
Farmers are ad diseases.	lvised not to fo	ollow the IFS m	ode	l of Pig+fish+poultry/duckery as it causes zoonotic			
Livestock	Stage	Disease		Precautionary Practices to be followed			
Poultry	All stages		•	Vaccinate according to schedule,			
Pigs	All stages	Swine fever	•	Vaccinate against swine fever,			
-	-		•	Deworming,			
			•	Avoid scavenging,			
Cattle/Mithun	All stages	FMD/BQ	•	Vaccination,			
	6	Worm	•	Deworming,			
Fish	All stages		•	Pond sides should be properly cleaned,			
			•	Harvest of mature fish,			
	ientists (ICAR or call at 0379		Sta	ff or KVK staff for any queries/measures against adverse			

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar – 791 101



## (Upper Subansiri)

## No:-40/2013-14/Tue

## Weather during the period

Dated: 3<sup>rd</sup> September, 2013

- <u>Rainfall</u>: -
  - 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.

Weather Based Agro-meteorological Advisories Bulletin

- <u>**Temperature</u>** The temperature is likely to be in the range of 8-14°C.</u>
- <u>**Relative Humidity</u>** The RH is likely to be in the range of 79-97 %.</u>

Crop	Stage	Pest/Disease	Precautionary Practices to be followed				
	VEGETABLE CROPS						
Cucurbits	Harvest	Fruit fly	<ul> <li>Make proper drainage in the crop field,</li> <li>Severe fruit fly damage is reported from most of the places,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>Spraying of Malathion @ 3ml per litre of water is advised,</li> <li>Use of traps is highly recommended,</li> </ul>				
Cauliflower/ Cabbage/ Radish	Nursery preparation	Cutworm Wilting/ Colar rot/ Damping off	<ul> <li>Protect the nursery from direct rain. Provide shade.</li> <li>In view of cool and moist weather in the coming days farmers are advised to prepare nursery,</li> <li>Maintain appropriate moisture level in the nursery,</li> <li>Seed treatment is extremely important with appropriate fungicide/insecticide,</li> <li>Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,</li> </ul>				
			FIELD CROPS				
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> <li>Wherever rat menace is there, install rat trap,</li> </ul>				
WRC rice – Main crop ( <i>Mipun</i> )	Tillering Flowering	Gundhi bug	<ul> <li>Spraying of Triazophos @ 4 ml/litre.</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> </ul>				
	1		FRUIT CROPS				
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>				

#### 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		•	Vaccinate according to schedule,
Pigs	All stages	Swine fever	•	Vaccinate against swine fever,
			•	Deworming,
			•	Avoid scavenging,
Cattle/Mithun	All stages	FMD/BQ	•	Vaccination,
		Worm	•	Deworming,
Fish	All stages		٠	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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101

## (West Kameng)



<u>No:-40/2013-14/Tue</u>

## Weather during the period

Dated: 3<sup>rd</sup> September, 2013

 <u>Rainfall</u>: - Bomdila – 0.0 mm Bhalokpung – 65.0 mm

## Weather Forecast

• <u>Rainfall-Cloudy/partially cloudy weather with moderate/heavy rains is forecasted.</u>

• <u>**Temperature</u>** - The temperature is likely to be in the range of 10-16°C.</u>

• <u>**Relative Humidity</u>** - The RH is likely to be in the range of 77-97%.</u>

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
			FRUITS			
Apple	Maturity Fruit Developm		<ul> <li>In present weather conditions famers are advised to properly make drainage in the crop basis,</li> <li>Monitoring of fruit fly damage is also advised,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> <li>Installation of light traps to capture adults.</li> <li>Urgent/immediate treatment of affected parts of trees,</li> </ul>			
			LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages		<ul> <li>Provide adequate amount of potable water</li> <li>Vaccinate according to schedule,</li> </ul>			
Cattle	All stages	FMD	• Vaccinate as per schedule,			
	_	BQ Deworming	• Deworming with Briben Plus is advised,			
Goat/Shee p	All stages	Dewomining	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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



## (West Siang)

## No:-40/2013-14/Tue

Weather during the period

Dated: 3<sup>rd</sup> September, 2013

- 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: <u>NA</u>
- Relative Humidity (%):- 83-100 %
- Soil moisture  $(m^2/m^2):0.34$
- 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 %.</u>

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
		V	<b>EGETABLE CROPS</b>			
Cucurbits Cauliflower/ Cabbage/ Radish	Harvest Nursery preparation	Fruit fly	<ul> <li>Make proper drainage in the crop field,</li> <li>Severe fruit fly damage is reported from most of the places,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>Spraying of Malathion @ 3ml per litre of water is advised,</li> <li>Use of traps is highly recommended,</li> <li>Protect the nursery from direct rain. Provide shade.</li> <li>In view of cool and moist weather in the coming days farmers are advised to prepare nursery,</li> <li>Maintain appropriate moisture level in the nursery,</li> <li>Seed treatment is extremely important with appropriate fungicide/insecticide,</li> <li>Soil drenching with Captan (@3grams/litre of water) or</li> </ul>			
			Bavistin (@ 2 grams per litre of water) is advised,			
	FIELD CROPS					
Jhum Rice	Harvest	Rat	<ul> <li>When mature harvested crop get wet due to rain, ensure to properly dry the seeds/grains,</li> <li>Wherever rat menace is there, install rat trap,</li> <li>Herein, farmers are advised not to kill snakes as they are the main biological agent which check rodent population,</li> </ul>			
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> <li>Wherever rat menace is there, install rat trap,</li> </ul>			
WRC rice – Main crop ( <i>Mipun</i> )	Tillering Flowering	Gundhi bug	<ul> <li>Spraying of Triazophos @ 4 m1/litre.</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> </ul>			
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>FRUIT CROPS</li> <li>Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>			
Banana Guava	All stages Fruiting	Fruit fly	<ul> <li>Removal of side suckers,</li> <li>Racking of area under the basin may be done,</li> <li>Collect and destroy dropped fruits,</li> </ul>			
	Earmers are advised not to follow the IES model of Pig+fish+poultry /duckery as it causes zoopotic diseases					

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		Vaccinate according to schedule,		
Pigs	All stages	Swine fever	<ul> <li>Vaccinate against swine fever,</li> <li>Deworming,</li> <li>Avoid scavenging,</li> </ul>		
Cattle/Mithun	All stages	FMD/BQ Worm	<ul><li>Vaccination,</li><li>Deworming,</li></ul>		
Rabbits	All stages		Keep strict vigil against coccidiosis		
Dog	All stages		Vaccinate against rabies,		
Goat/Sheep	All stages		Deworming and vaccination.		
Fish	All stages		<ul><li>Pond sides should be properly cleaned,</li><li>Harvest of mature fish,</li></ul>		
• 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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Contact: - <u>IAAS.BASAR@gmail.com</u>, Phone Number: - 03795-226247/37, -96 (Fax)



ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar – 791 101



## (<u>Changlang</u>)

#### No:-40/2013-14/Tue

## Weather during the period

Dated: 3<sup>rd</sup> September, 2013

• <u>Rainfall</u>: -

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- Changlang 34.8 mm
  - Miao 110.6 mm

## Weather Forecast

- <u>**Rainfall**</u> Cloudy/partially cloudy weather with moderate/heavy rains forecasted for next ½ days and thereafter partially cloudy weather with light rains forecasted.
  - <u>**Temperature</u>** The temperature is likely to be in the range of 15-22 °C.</u>
  - **<u>Relative Humidity</u>** 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
			EGETABLE CROPS
Cucurbits	Harvest	Fruit fly	<ul> <li>Make proper drainage in the crop field,</li> <li>Severe fruit fly damage is reported from most of the</li> </ul>
		- Car	places,
		PLAN AND	• Collection/deep burying (Atleast 4 feet deep) of infected fruit,
			<ul> <li>Spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
			<ul> <li>Use of traps is highly recommended,</li> </ul>
Cauliflower/	Nursery	Cutworm	• Protect the nursery from direct rain. Provide shade.
Cabbage/	preparation		• In view of cool and moist weather in the coming days
Radish			farmers are advised to prepare nursery,
		Wilting/	• Maintain appropriate moisture level in the nursery,
		Colar rot/	• Seed treatment is extremely important with appropriate
		Damping off	fungicide/insecticide,
			• Soil drenching with Captan (@3grams/litre of water) or
			Bavistin (@ 2 grams per litre of water) is advised,
	Tillevin -		FIELD CROPS
WRC rice	Tillering	Gundhi bug	• Spraying of Triazophos @ 4 ml/litre.
	Flowering		• Collect/destroy bugs found in the field,
			• If damage level is high, use Malathion dust 5%.
Lemon	Fruiting	Trunk borer,	FRUIT CROPS
Lemon	Tuning	Ants	• Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.
		Lichen/	<ul> <li>Use of light trap to attract adults is also advised.</li> </ul>
		mosses	<ul> <li>Weeding around basin,</li> </ul>
			LIVESTOCKS
Earmara ara ad	lyicad not to fe	llow the IEC m	odel of Pig+fish+poultry/duckery as it causes zoonotic
diseases.		mow the frs m	oder of Fig+fish+pountry/duckery as it causes zoonotic
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		Provide adequate amount of potable water
			Vaccinate according to schedule,
Pigs	All stages	Swine fever	• Vaccinate against swine fever,
			• Deworming,
			Avoid scavenging,
Cattle	All stages	FMD/BQ	Vaccination,
		Worm	Deworming,
Goat/Sheep	All stages		• Provide adequate potable water,
			Deworming and vaccination.
Fish	All stages		Proper feeding
	ientists (ICAR or call at 0379		Staff or KVK staff for any quaries/measures against adverse
			al Pradesh Centre, Basar and India Meteorological Department

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



## (Dibang Valley)

#### No:-40/2013-14/Tue

## Weather during the period

Dated: 3<sup>rd</sup> September, 2013

- <u>Rainfall: -</u>
  - Roing NA
    - Anini 13.0 mm •

## Weather Forecast

- <u>Rainfall</u> Cloudy/partially cloudy weather with moderate/heavy rains on some occasion is • forecasted. •
  - <u>**Temperature**</u> The temperature is likely to be in the range of 6-17°C.

• <u>**Relative Humidity</u>** - The RH is likely to be in the range of 65-98%.</u>

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
			EGETABLE CROPS		
Cucurbits Cauliflower/	Harvest	Fruit fly	<ul> <li>Make proper drainage in the crop field,</li> <li>Severe fruit fly damage is reported from most of the places,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>Spraying of Malathion @ 3ml per litre of water is advised,</li> <li>Use of traps is highly recommended,</li> <li>Protect the nursery from direct rain. Provide shade.</li> </ul>		
Cabbage/ Radish	preparation	Wilting/ Colar rot/ Damping off	<ul> <li>In view of cool and moist weather in the coming days farmers are advised to prepare nursery,</li> <li>Maintain appropriate moisture level in the nursery,</li> <li>Seed treatment is extremely important with appropriate fungicide/insecticide,</li> <li>Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,</li> </ul>		
		ſ	FIELD CROPS		
Jhum Rice	Harvest	Rat	<ul> <li>When mature harvested crop get wet due to rain, ensure to properly dry the seeds/grains,</li> <li>Wherever rat menace is there, install rat trap,</li> <li>Herein, farmers are advised not to kill snakes as they are the main biological agent which check rodent population,</li> </ul>		
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> <li>Wherever rat menace is there, install rat trap,</li> </ul>		
WRC rice – Main crop ( <i>Mipun</i> )	Tillering Flowering	Gundhi bug	<ul> <li>Spraying of Triazophos @ 4 ml/litre.</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> </ul>		
		I	FRUIT CROPS		
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>		
Banana	All stages		Removal of side suckers,		
Guava	Fruiting	Fruit fly	<ul> <li>Racking of area under the basin may be done,</li> <li>Collect and destroy dropped fruits,</li> </ul>		
		11	LIVESTOCKS		
Farmers are ad Livestock	Farmers are advised not to follow the IFS model of Pig+fish+poultry/duckery as it causes zoonotic diseases.				
Poultry	Stage All stages	Disease	<ul> <li>Precautionary Practices to be followed</li> <li>Vaccinate according to schedule,</li> </ul>		
Pigs	All stages	Swine fever	<ul> <li>Vaccinate against swine fever,</li> <li>Deworming,</li> <li>Avoid scavenging,</li> </ul>		
Cattle/Mithun	All stages	FMD/BQ Worm	<ul><li>Vaccination,</li><li>Deworming,</li></ul>		

Rabbits	All stages	Keep strict vigil against coccidiosis	
Dog	All stages	Vaccinate against rabies,	
Goat/Sheep	All stages	Deworming and vaccination.	
Fish	All stages	Pond sides should be properly cleaned,	
	<u>ا</u>	• 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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar – 791 101

## (East Kameng)

## No:-40/2013-14/Tue

## Weather during the period

Dated: 3<sup>rd</sup> September, 2013

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>
  - **<u>Relative Humidity</u>** The RH is likely to be in the range of 71-99%.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			/EGETABLE CROPS
Cucurbits	Harvest	Fruit fly	<ul> <li>Make proper drainage in the crop field,</li> <li>Severe fruit fly damage is reported from most of the places,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>Spraying of Malathion @ 3ml per litre of water is advised,</li> <li>Use of traps is highly recommended,</li> </ul>
Cauliflower/ Cabbage/ Radish	Nursery preparation	Cutworm Wilting/ Colar rot/ Damping off	<ul> <li>Protect the nursery from direct rain. Provide shade.</li> <li>In view of cool and moist weather in the coming days farmers are advised to prepare nursery,</li> <li>Maintain appropriate moisture level in the nursery,</li> <li>Seed treatment is extremely important with appropriate fungicide/insecticide,</li> <li>Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,</li> </ul>
		Γ	FIELD CROPS
Jhum Rice	Harvest	Rat	<ul> <li>When mature harvested crop get wet due to rain, ensure to properly dry the seeds/grains,</li> <li>Wherever rat menace is there, install rat trap,</li> <li>Herein, farmers are advised not to kill snakes as they are the main kiele given entry which check as dent normalitien.</li> </ul>
WRC rice- early crop	Maturity Harvest	Gundhi Bug Rat	<ul> <li>main biological agent which check rodent population,</li> <li>Harvest of mature crop may be done on a clear day.</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> <li>Wherever rat menace is there, install rat trap,</li> </ul>
WRC rice – Main crop ( <i>Mipun</i> )	Tillering Flowering	Gundhi bug	<ul> <li>Wherever fat menace is mere, instan fat map,</li> <li>Spraying of Triazophos @ 4 ml/litre.</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> <li>FRUIT CROPS</li> </ul>
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>
			LIVESTOCKS
			odel of Pig+fish+poultry/duckery as it causes zoonotic diseases.
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul><li>Vaccinate against swine fever,</li><li>Deworming,</li><li>Avoid scavenging,</li></ul>
Cattle/Mithun	All stages	FMD/BQ Worm	<ul><li>Vaccination,</li><li>Deworming,</li></ul>
Goat/Sheep	All stages		Deworming and vaccination.
Fish	All stages		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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101

## (East Siang)

## No:-40/2013-14/Tue

## Weather during the period

Dated: 3<sup>rd</sup> September, 2013

- Maximum temperature: 30.0 °C
- Minimum Temperature: 23.1°C
- <u>Rainfall</u>:

<u>Pasighat –</u> 202.4 mm

• <u>Relative humidity (%)</u>: 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>

• **<u>Relative Humidity</u>** - The RH is likely to be in the range of 66-98 %.

Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
			EGETABLE CROPS
Cucurbits	Harvest	Fruit fly	<ul> <li>Make proper drainage in the crop field,</li> <li>Severe fruit fly damage is reported from most of the places,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>Spraying of Malathion @ 3ml per litre of water is advised,</li> <li>Use of traps is highly recommended,</li> </ul>
Cauliflower/ Cabbage/ Radish	Nursery preparation	Cutworm Wilting/ Colar rot/ Damping off	<ul> <li>Protect the nursery from direct rain. Provide shade.</li> <li>In view of cool and moist weather in the coming days farmers are advised to prepare nursery,</li> <li>Maintain appropriate moisture level in the nursery,</li> <li>Seed treatment is extremely important with appropriate fungicide/insecticide,</li> <li>Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,</li> </ul>
			FIELD CROPS
Jhum Rice	Harvest	Rat	<ul> <li>When mature harvested crop get wet due to rain, ensure to properly dry the seeds/grains,</li> <li>Wherever rat menace is there, install rat trap,</li> <li>Herein, farmers are advised not to kill snakes as they are the main biological agent which check rodent population,</li> </ul>
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> <li>Wherever rat menace is there, install rat trap,</li> </ul>
WRC rice – Main crop ( <i>Mipun</i> )	Tillering Flowering	Gundhi bug	<ul> <li>Spraying of Triazophos @ 4 ml/litre.</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> </ul>
		I	FRUIT CROPS
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> <li>LIVESTOCKS</li> </ul>
Farmers are ad	vised not to fo	llow the IFS m	odel of Pig+fish+poultry/duckery as it causes zoonotic diseases.
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	_ 100000	Vaccinate according to schedule,
Pigs	All stages	Swine fever	<ul> <li>Vaccinate against swine fever,</li> <li>Deworming,</li> <li>Avoid scavenging,</li> </ul>
Cattle/Mithun	All stages	FMD/BQ Worm	<ul><li>Vaccination,</li><li>Deworming,</li></ul>
Goat/Sheep	All stages		Deworming and vaccination.





Fish	All stages	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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