

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



# (Dibang Valley)

No: -39/2013-14/Fri

# Weather during the period

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

#### **Weather Forecast**

- <u>Rainfall</u> Cloudy/partially cloudy weather with light rains on some occasion is forecasted.
- <u>Temperature</u> 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
		V	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	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>Those farmers who have prepared nursery are advised to regularly water 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> <li>FIELD CROPS</li> </ul>
Jhum Rice	Harvest		
swan Idee	11417000	Rat	<ul> <li>Harvest mature crop on priority basis,</li> <li>When mature 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 mail biological agent which check rodent population,</li> </ul>
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul> <li>Ensure proper moisture level in the crop field,</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 (Mipun)	Tillering Flowering	Gundhi bug	<ul> <li>Ensure proper moisture level in the crop field,</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> </ul>
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>FRUIT CROPS</li> <li>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.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>
Banana Guava	All stages Fruiting		<ul> <li>Irrigate the crop,</li> <li>Removal of side suckers,</li> <li>Racking of area under the basin may be done</li> </ul>
Farmers are a	lvised not to fo	llow the IFS m	LIVESTOCKS  odel of Pig+fish+poultry/duckery as it causes zoonotic diseases.

Tarmers are advised not to follow the H'S model of Fig. 11sh   pourtry/ duckery as it causes zoonotic disease							
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,
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

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



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



### (East Kameng)

No: -39/2013-14/Fri Dated: 30<sup>th</sup> August, 2013

### Weather during the period

Rainfall: -

diseases.
Livestock

Poultry

Stage

All stages

• Seppa – 33.6 mm

#### **Weather Forecast**

- <u>Rainfall</u> –Partially cloudy/cloudy weather with moderate 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 8-19°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				
		I	GETABLE 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	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>Those farmers who have prepared nursery are advised to regularly water 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>				
	I	I	FIELD CROPS				
Jhum Rice	Harvest	Rat	<ul> <li>Harvest mature crop on priority basis,</li> <li>When mature 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 mail biological agent which check rodent population,</li> </ul>				
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul> <li>Ensure proper moisture level in the crop field,</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 (Mipun)	Tillering Flowering	Gundhi bug	<ul> <li>Ensure proper moisture level in the crop field,</li> <li>Collect/destroy bugs found in the field,</li> <li>If damage level is high, use Malathion dust 5%.</li> </ul>				
TZ1 '	FRUIT CROPS						
Khasi Mandarin	Fruiting	Trunk borer	<ul> <li>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.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>				
Guava	Fruiting		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

Precautionary Practices to be followed

Vaccinate according to schedule,

Disease

Pigs	All stages	Swine fever	•	Vaccinate against swine fever,
			•	Deworming,
			•	Avoid scavenging,
Cattle/Mithun	All stages	FMD/BQ	•	Vaccination,
		Worm	•	Deworming,
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: -39/2013-14/Fri Dated: 30<sup>th</sup> August, 2013

# Weather during the period

Maximum temperature: 32.8 °C
Minimum Temperature: 23.0 °C

• Rainfall:

<u>Pasighat</u> – 23.1 mm <u>Relative humidity (%)</u>: 73-98

All stages

Pigs

Swine fever

#### **Weather Forecast**

- Rainfall 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.
- **Relative Humidity** 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
Crop	Stage		/EGETABLE CROPS
Cucurbits	Harvest	Fruit fly	Make proper drainage in the crop field,
Cacarons	1141 / 656		<ul> <li>Severe fruit fly damage is reported from most of the places,</li> </ul>
			• 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		<ul> <li>In view of cool and moist weather in the coming days</li> </ul>
Cabbage/	preparation		farmers are advised to prepare nursery,
Radish	preparation		<ul> <li>Those farmers who have prepared nursery are advised to</li> </ul>
_ 1000/1011			regularly water nursery,
		Wilting/	• Seed treatment is extremely important with appropriate
		Colar rot/	fungicide/insecticide,
		Damping off	• Soil drenching with Captan (@3grams/litre of water) or
			Bavistin (@ 2 grams per litre of water) is advised,
			FIELD CROPS
Jhum Rice	Harvest		Harvest mature crop on priority basis,
			When mature crop get wet due to rain, ensure to properly
			dry the seeds/grains,
		Rat	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-	Milky stage		• Ensure proper moisture level in the crop field,
early crop	Maturity	Gundhi Bug	Collect/destroy bugs found in the field,
			• If damage level is high, use Malathion dust 5%.
		Rat	Wherever rat menace is there, install rat trap,
WRC rice –	Tillering		• Ensure proper moisture level in the crop field,
Main crop	Flowering		Collect/destroy bugs found in the field,
(Mipun)		Gundhi bug	• If damage level is high, use Malathion dust 5%.
			FRUIT CROPS
Khasi	Fruiting	Trunk borer	In present weather conditions, large scale damage to citrus
Mandarin	_		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		Racking of area under the basin may be done
			LIVESTOCKS
Farmers are ac	dvised 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,
	<u> </u>		

Vaccinate against swine fever,

Deworming,

Avoid scavenging,

Cattle/Mithun	All stages	FMD/BQ	• Vaccination,
		Worm	• Deworming,
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



# (Lohit)

No: -39/2013-14/Fri Dated: 30<sup>th</sup> August, 2013

# Weather during the period

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

#### **Weather Forecast**

- Rainfall 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.
- **Relative Humidity** The RH is likely to be in the range of 80-99 %.

#### Weather Based Agro-meteorological Advisories Bulletin

Cucurbits	Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Caucirbits	2201	25-		•
Severe fruit fly damage is reported from most of the places,  Cauliflower/ Cabbage/ Radish  Nursery preparation  Wilting/ Colar rot/ Damping off  WRC rice  Tillering/ Flowering  WRC rice  Tillering/ Flowering  Trunk borer, Ants Lichen/ mosses  Livestock  Poultry  All stages  Poultry  All stages  Pigs  All stages  Pigs  All stages  Cattle  All stages  FMD/BQ  Worm  Goat/Sheep  All stages  Pool All stages  FMD/BQ  Worm  Goat/Sheep  All stages  Pover in a devised burying (Atleast 4 feet deep) of infected fruit, Spraying of Malathion @ 3ml per litre of water is advised, In view of cool and moist weather in the coming days farmers are advised to prepare 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) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 3 grams/litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 3 grams/litre of water) or Bavistin (@ 1 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 1 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavistin (@ 2 grams per litre of water) or Bavisti	Cucurbits	Harvest		
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,   Use of traps is highly recommended,   Use of traps 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) or Bavistin (@ 2 gram			6	
Spraying of Malathion @ 3ml per litre of water is advised,   Use of traps is highly recommended,   Spraying of Malathion @ 3ml per litre of water is advised,   Use of traps is highly recommended,   Spraying of Malathion @ 3ml per litre of water is advised,   Use of traps is highly recommended,   Spraying of Malathion @ 3ml per litre of water is advised,   Use of traps is highly recommended,   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     Collect/destroy bugs found in the field,     Collect/destroy bugs is high, use Malathion dust 5%.     FRUIT CROPS     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.     Use of light trap to attract adults is also advised.     Use of light trap to attract adults is also advised.     Use of light trap to attract adults is also advised.     Vaccinate according to schedule,     Pigs				
Cauliflower/ Cabbage/ Radish  Nursery preparation Radish  Wilting/ Colar rot/ Damping off  WRC rice  Tillering/ Flowering  Trunk borer, Ants Lichen/ mosses  Trunk borer, Ants Lichen/ mosses  Livestock  Stage  Poultry  All stages  Poultry  All stages  Poultry  All stages  Goat/Sheep  All stages  Goat/Sheep  All stages  FMD/BQ  Goat/Sheep  All stages  Goat/Sheep  All stages  FMD/BQ  Worm  Wilting/ Colar rot/ Damping off  All stages  Poultry  All stages  All st				• Collection/deep burying (Atleast 4 feet deep) of infected
Cauliflower/ Cabbage/ Radish  Radish  Wilting/ Colar rot/ Damping off  WRC rice  Tillering/ Flowering  Gundhi bug  Lemon  Fruiting  Trunk borer, Ants Lichen/ mosses  All stages  Poultry  All stages  Pigs  All stages  FMD/BQ  Goat/Sheep  All stages  FIND/BQ  Worm  In view of cool and moist weather in the coming days farmers are advised to prepare nursery,  In view of cool and moist weather in the coming days farmers are advised to prepare nursery,  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) or Bavist				,
Cauliflower/ Cabbage/ Radish  Nursery preparation  Wilting/ Colar rot/ Damping off  WRC rice  Tillering/ Flowering  Ward  Trunk borer, Ants Lichen/ mosses  Trunk borer, Ants Lichen/ mosses  Livestock  Stage  Poultry  All stages  Pogoat/Sheep  All stages  Goat/Sheep  All stages  FMD/BQ Goat/Sheep  All stages  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, Those farmers who have prepared nursery are advised to regularly water nursery, Those farmers are advised to prepare 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.  Collect/destroy bugs found in the field, Collect/destroy bugs found in the field, Collect/destroy bugs found in the field, If damage by bug is high, use Malathion dust 5%.  FRUIT CROPS  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.  Precautionary Practices to be followed  Prevoide adequate amount of potable water Vaccinate against swine fever, Deworming, Avoid scavenging, Vaccination, Deworming, Provide adequate potable water, Deworming and vaccination.				• Spraying of Malathion @ 3ml per litre of water is advised,
Cabbage/ Radish  Wilting/ Colar rot/ Damping off  WRC rice  Tillering/ Flowering  Ward Provide adequate amount of potable water  Lemon  Fruiting  Lemon  Fruiting  Trunk borer, Ants Lichen/ mosses  Livestock  Poultry  All stages  Pogs  All stages  Cattle  All stages  Goat/Sheep  All stages  Goat/Sheep  All stages  Finder rot/ Damping off  Wilting/ Colar rot/ Damping off  Wilting/ Colar rot/ Damping off  Those 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.  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  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  Precautionary Practices to be followed  Provide adequate amount of potable water Vaccinate against swine fever, Deworming, Avoid scavenging, Vaccination, Deworming, Provide adequate potable water, Deworming and vaccination.				· · · · · · · · · · · · · · · · · · ·
Radish  Wilting/Colar rot/Damping off  Wilting/Colar rot/Damping off  WRC rice  Tillering/Flowering  WRC rice  Trunk borer, Ants Lichen/mosses  Lichen/mosses  Livestock  Poultry  All stages  Pigs  All stages  Cattle  All stages  Goat/Sheep  All stages  Goat/Sheep  All stages  Goat/Sheep  All stages  WRC rice  Tillering/Flowering  Wilting/Colar rot/Damping off  Soed treatment is extremely important with appropriate fungicide/insecticide,  Soed treatment is extremely important with appropriate fungicide/insecticide,  Soli drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised.  Collect/destroy bugs found in the field,  It damage by bug is high, use Malathion dust 5%.  FRUIT CROPS  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  Precautionary Practices to be followed  Provide adequate amount of potable water  Vaccinate according to schedule,  Vaccinate against swine fever,  Deworming,  Avoid scavenging,  Vaccination,  Deworming,  Provide adequate potable water,  Deworming and vaccination.				
Wilting/Colar rot/Damping off  Wilting/Colar rot/Damping off  WRC rice  Tillering/Flowering  Gundhi bug  Trunk borer, Ants Lichen/mosses  Licenon  Fruiting  Trunk borer, Ants Lichen/mosses  Livestock  Poultry  All stages  Poultry  All stages  Cattle  All stages  Cattle  All stages  Guardin bug  Wilting/Colar rot/Damping off  Wilting/Colar rot/Damping off  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,  Collect/destroy bugs found in the field, If damage by bug is high, use Malathion dust 5%.  FRUIT CROPS  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  Precautionary Practices to be followed  Provide adequate amount of potable water  Vaccinate against swine fever, Deworming, Avoid scavenging,  Vaccination, Deworming, Provide adequate potable water, Deworming and vaccination.	_	preparation		
Wilting/Colar rot/Damping off Colar rot/Damping off Colar rot/Damping off  WRC rice Tillering/Flowering  WRC rice Trulk borer, Ants Lichen/mosses  Tillering/mosses  Lemon  Fruiting Trunk borer, Ants Lichen/mosses  Livestock  Poultry All stages  Pigs All stages  Cattle All stages  Cattle All stages  Goat/Sheep All stages  FIMD/BQ Worm  Gundhi bug  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, Collect/destroy bugs found in the field, If damage by bug is high, use Malathion dust 5%.  FRUIT CROPS  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  Precautionary Practices to be followed  Provide adequate amount of potable water Vaccinate according to schedule, Vaccinate against swine fever, Deworming, Avoid scavenging, Vaccination, Deworming, Provide adequate potable water, Deworming and vaccination.	Radish			
Colar rot/Damping off Damping off  Colar rot/Damping off  Fingicide/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  Fruiting  Trunk borer, Ants Lichen/mosses  Lichen/mosses  Use of light trap to attract adults is also advised.  Use of light trap to attract adults is also advised.  Use of light trap to attract adults is also advised.  Weeding around basin, LIVESTOCKS  Livestock  Stage  Poultry  All stages  Pigs  All stages  Swine fever  Cattle  All stages  FMD/BQ Worm  Goat/Sheep  All stages  All stages  All stages  FMD/BQ Worm  Goat/Sheep  All stages  Provide adequate potable water, Deworming, Avoid scavenging, Provide adequate potable water, Deworming, Deworming, Deworming, Deworming and vaccination.			Wilting	
Damping off    Damping off   Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,   FIELD CROPS			_	
Bavistin (@ 2 grams per litre of water) is advised,   FIELD CROPS				,
WRC rice  Tillering/ Flowering  Gundhi bug  Fruiting  Trunk borer, Ants Lichen/ mosses  Livestock  Poultry  All stages  Pigs  All stages  Cattle  All stages  Cattle  All stages  Gundhi bug  FIELD CROPS   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  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  Precautionary Practices to be followed  Provide adequate amount of potable water Vaccinate against swine fever, Deworming, Avoid scavenging, Vaccination, Deworming, Provide adequate potable water, Deworming and vaccination.			Dumping on	
WRC rice Flowering Flowering  Tillering/Flowering  Gundhi bug  Gundhi bug  Fruiting  Lemon  Fruiting  Fruiting  Trunk borer, Ants Lichen/mosses  Livestock  Poultry  All stages  Pigs  All stages  All stages  Cattle  All stages  FMD/BQ Worm  Gundhi bug  Fundin bug  Frovide adequate potable water,  Deworming,  Avoid scavenging,  Provide adequate potable water,  Deworming,  Avoid scavenging,  Provide adequate potable water,  Deworming,  Provide adequate potable water,  Deworming,  Provide adequate potable water,  Deworming,  Provide adequate potable water,  Deworming and vaccination.				·
Flowering Gundhi bug  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  Tunk borer, Ants Lichen/ mosses  Fruiting Trunk borer, Ants Lichen/ mosses  Livestock Fruiting Trunk borer, Ants Lichen/ mosses  Fruiting Trunk borer, Ants Lichen/ mosses  Fruiting Trunk borer, Ants Lichen/ 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  Frecautionary Practices to be followed  Provide adequate amount of potable water  Vaccinate according to schedule,  Vaccinate according to schedule,  Vaccinate against swine fever, Deworming, Avoid scavenging,  Avoid scavenging,  FMD/BQ Worm Fruiting  FRUIT CROPS  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.  Veeding around basin, LIVESTOCKS  Livestock  Frovide adequate amount of potable water, Deworming,  Avoid scavenging,  Vaccination, Deworming, Provide adequate potable water, Deworming and vaccination.	WRC rice	Tillering/		
Gundhi bug  Lemon Fruiting Fruiting Lichen/ mosses  Livestock Poultry Pigs All stages  Cattle All stages  Cattle All stages  Gundhi bug  Fruiting  Fruiting Fruiting Fruiting  Fruiting  Trunk borer, Ants Lichen/ mosses  Livestock  Stage Poultry All stages  Cattle All stages  Gundhi bug  FRUIT CROPS  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  Precautionary Practices to be followed  Provide adequate amount of potable water  Vaccinate against swine fever, Deworming, Avoid scavenging,  Vaccination, Deworming, Deworming,  Provide adequate potable water, Deworming and vaccination.	WICE HEE	_		
Lemon   Fruiting   Trunk borer, Ants Lichen/ mosses   Livestock   Stage   Disease   Precautionary Practices to be followed		1 10 Weiling	Gundhi bug	
Lemon Fruiting Ants Lichen/ mosses Lichen/ mosses Use of light trap to attract adults is also advised.  Livestock Stage Disease Precautionary Practices to be followed  Poultry All stages Pigs All stages Swine fever  Pigs All stages FMD/BQ Cattle All stages Goat/Sheep All stages  Goat/Sheep All stages  Fruiting Trunk borer, Ants Lichen/ mosses Lichen/ mosses Use of light trap to attract adults is also advised.  Precautionary Practices to be followed  Provide adequate amount of potable water  Vaccinate against swine fever, Deworming, Avoid scavenging, Vaccination, Deworming, Provide adequate potable water, Deworming and vaccination.			2	
Ants Lichen/ mosses  Ants Lichen/ mosses  Use of light trap to attract adults is also advised.  Weeding around basin,  LIVESTOCKS  Livestock  Poultry  All stages  Pigs  All stages  Swine fever  Cattle  All stages  FMD/BQ Worm  Goat/Sheep  All stages  Ants Lichen/ mosses  Crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised.  Puse of light trap to attract adults is also advised.  Weeding around basin,  LIVESTOCKS  Precautionary Practices to be followed  Provide adequate amount of potable water Vaccinate against swine fever, Deworming, Avoid scavenging, Vaccination, Deworming, Provide adequate potable water, Deworming and vaccination.	Lemon	Fruiting	Trunk borer.	
Lichen/mosses 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 Provide adequate amount of potable water  Vaccinate according to schedule,  Vaccinate against swine fever,  Deworming,  Avoid scavenging,  Cattle All stages FMD/BQ Vaccination,  Goat/Sheep All stages  Poworming and vaccination.		8	,	, ,
mosses 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 Provide adequate amount of potable water  Vaccinate according to schedule,  Vaccinate against swine fever,  Deworming,  Avoid scavenging,  Cattle All stages FMD/BQ Worm Provide adequate potable water,  Deworming,  Avoid scavenging,  Provide adequate potable water,  Deworming and vaccination.			Lichen/	
Weeding around basin,   LIVESTOCKS			mosses	
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 Worm • Vaccination, • Deworming, • Provide adequate potable water, • Deworming, • Deworming and vaccination.				Use of light trap to attract adults is also advised.
LivestockStageDiseasePrecautionary Practices to be followedPoultryAll stages• Provide adequate amount of potable water • Vaccinate according to schedule,PigsAll stages• Vaccinate against swine fever, • Deworming, • Avoid scavenging,CattleAll stagesFMD/BQ Worm• Vaccination, • Deworming,Goat/SheepAll stages• Provide adequate potable water, • Deworming and vaccination.				Weeding around basin,
Poultry All stages Provide adequate amount of potable water Vaccinate according to schedule, Vaccinate against swine fever, Deworming, All stages All stages FMD/BQ Worm Worm Provide adequate amount of potable water Vaccinate against swine fever, Deworming, Avoid scavenging, Vaccination, Deworming, Deworming, Deworming, Deworming and vaccination.				LIVESTOCKS
<ul> <li>Pigs All stages Swine fever</li> <li>Vaccinate according to schedule,</li> <li>Vaccinate against swine fever,</li> <li>Deworming,</li> <li>Avoid scavenging,</li> <li>Vaccination,</li> <li>Deworming,</li> <li>Avoid scavenging,</li> <li>Vaccination,</li> <li>Deworming,</li> <li>Deworming,</li> <li>Deworming,</li> <li>Deworming and vaccination.</li> </ul>	Livestock	Stage	Disease	Precautionary Practices to be followed
<ul> <li>Pigs All stages Swine fever</li> <li>Vaccinate according to schedule,</li> <li>Vaccinate against swine fever,</li> <li>Deworming,</li> <li>Avoid scavenging,</li> <li>Vaccination,</li> <li>Deworming,</li> <li>Provide adequate potable water,</li> <li>Deworming and vaccination.</li> </ul>	Poultry	All stages		Provide adequate amount of potable water
Pigs All stages Swine fever • Vaccinate against swine fever, • Deworming, • Avoid scavenging,  Cattle All stages FMD/BQ Worm • Deworming, • Deworming, • Provide adequate potable water, • Deworming and vaccination.				
<ul> <li>Cattle All stages FMD/BQ Worm</li> <li>Goat/Sheep All stages</li> <li>FMD/BQ Deworming,</li> <li>Provide adequate potable water,</li> <li>Deworming and vaccination.</li> </ul>	Pigs	All stages	Swine fever	
Cattle All stages FMD/BQ • Vaccination, • Deworming, Goat/Sheep All stages • Provide adequate potable water, • Deworming and vaccination.				Deworming,
Worm  Deworming,  Goat/Sheep All stages Provide adequate potable water, Deworming and vaccination.				Avoid scavenging,
Goat/Sheep All stages  • Provide adequate potable water, • Deworming and vaccination.	Cattle	All stages	_	Vaccination,
Deworming and vaccination.			Worm	Deworming,
	Goat/Sheep	All stages		·
Fish All stages • Proper feeding				
	Fish	All stages		Proper feeding

• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any quaries/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)



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



### (Lower Subansiri)

No: -39/2013-14/Fri Dated: 30<sup>th</sup> August, 2013

### Weather during the period

• <u>Rainfall</u>: -

1. Ziro – 29.2 mm

#### **Weather Forecast**

- <u>Rainfall</u> Cloudy/partially cloudy weather with rains is forecasted.
- <u>Temperature</u> 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
		V	EGETABLE CROPS
Cauliflower/ Cabbage/ Radish	Nursery 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>Those farmers who have prepared nursery are advised to regularly water nursery,</li> <li>Seed treatment is extremely important with appropriate fungicide/insecticide,</li> </ul>
			• Soil drenching with Captan (@3grams/litre of water) or Bavistin (@ 2 grams per litre of water) is advised,
			FIELD CROPS
WRC rice – Main crop ( <i>Mipun</i> )	Tillering Flowering	Gundhi bug Rodent	<ul> <li>Ensure proper moisture level in the crop field,</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> <li>Herein, farmers are advised not to kill snakes as they are the mail biological agent which check rodent population,</li> </ul>
			FRUIT CROPS
Khasi Mandarin	Fruiting	Trunk borer	<ul> <li>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.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</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>
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

• 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: - <a href="mailto:IAAS.BASAR@gmail.com">IAAS.BASAR@gmail.com</a>, Phone Number: - 03795-226247/37,-96 (Fax)



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



# (Papum Pare)

No: -38/2013-14/Tue Dated: 27<sup>th</sup> August, 2013

### Weather during the period

Maximum temperature: 34.2°C
Minimum Temperature: 25.1°C
Relative Humidity (%):77-91

• Rainfall: -

Itanagar – 1.0 mm
 Naharlagun – 1.3 mm

### **Weather Forecast**

- Rainfall Partially cloudy/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 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
		V	EGETABLE CROPS
Cucurbits	Harvest	Fruit fly	<ul> <li>Severe soil moisture stress due to dry and hot weather for prolonged dry weather has been recorded. Irrigation is urgently required.</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	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>Those farmers who have prepared nursery are advised to regularly water nursery,</li> <li>Seed treatment is extremely important,</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 WRC rice- early crop	Harvest  Milky stage  Maturity	Rat Gundhi Bug	<ul> <li>Harvest mature crop on priority basis,</li> <li>When mature 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>Ensure proper moisture level in the crop field,</li> <li>Collect/destroy bugs found in the field,</li> </ul>
WRC rice – Main crop ( <i>Mipun</i> )	Tillering Flowering	Rat Gundhi bug	<ul> <li>If damage level is high, use Malathion dust 5%.</li> <li>Wherever rat menace is there, install rat trap,</li> <li>Ensure proper moisture level in the crop field,</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> </ul>
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>FRUIT CROPS</li> <li>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.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>
Guava	Fruiting		Racking of area under the basin may be done
			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>
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 Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37

# 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**

9436056016,9402455275,9436058412,9436674034,9436880955,9402973984,9402620163,9402493749,943 6447365,9402241546,9402066315,9436673944,9402041728,9436862974,9402033852,9402253172,940283 6499,9402646832,9402457936,9402467305,9402604987,9436249916,9436045830,9436251001,940224169 2,8993821399,9436693576,9436069375,9402495354,9402645500,9436838819,9402651484,9436258711,9 402241546,9436255743,9402681325,9402418327,9436678907,9436056026,9402454727,9436256837,9402 658566,9402044036,9436093122,9436230230,9402070643,9436255028,9402225194,9402899151,9402220 114,9402971276,9436975507,9402431190,9436694924,9436257452,9402651388,9402422673,9402048175,9402048180175,94,9402608430,9402247884,9402617107,9436639569,9436221890,9402471758,9402255431,9436699719,94 36257215,9436271314,9436693624,9436882631,9402979476,9402703290,9436871688,9402933686,94024 92641,9436049291,9402213111,8575574379,9402620334,9436606879,9436255739,9402452020,94360562 65,9402290519,9402686637,9402495354,9402249841,9402893925,9402499100,9436621815,9402447042,9402414872,9402244274,9402066540,9436220102,9436670640,9436068513,9402922633,9436238275,940 2256049,9402657994,9402247687,9402259133,9436874435,9436696374,9402972714,9401926796,940277 7060,9402233156,9402061787,9402218706,9436885816,9402493208,9402933754,9402035672,940247202 2,9402037069,9402037059,9436236569,9436259913,9402443967,9436643511,9436073691,9402480294,9 402935843,9402054143,9436239496,9402074123,9436095178,9436271614,9436096750,9436058416,9402 705216,9402224923,9436258383,9402720658,9436222513,9436693692,9402412153,9436419150,9402815 901

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**

#### **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**

9402891541,9402251093,9436226146,9402042299,9402263162,9436864683,9402477181,9402474669,940 2944936,9402687201,9402216792

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, 94022448, 9402442610, 9402083574, 9436878716, 9436878716, 9402071395, 9402033927, 9402685319, 8413837945, 94027377929436667464, 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



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



### (Tawang)

No: -38/2013-14/Tue Dated: 27<sup>th</sup> 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.
- <u>Temperature</u> 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	/ Fruit Fly	• 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</li> </ul>
		Trunk Borer	<ul> <li>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		Provide adequate amount of potable water
			Vaccinate according to schedule,
Cattle	All stages	FMD	Vaccinate as per schedule,
		BQ Deworming	Deworming with Briben Plus is advised,
Goat/Sheep	All stages		Deworming and vaccination.
Contact Scient	entists (ICAI	R) or State Agril	Staff or KVK staff for measures against adverse conditions or call

at 03795222247 (KVK, West Siang)

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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



# (Tirap)

No: -38/2013-14/Tue Dated: 27<sup>th</sup> August, 2013

### Weather during the period

- Rainfall: -
  - <u>Khonsa</u> –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

			Precautionary Practices to be followed	
VEGETABLE CROPS				
Cucurbits  Cauliflower/ Cabbage/ Radish	Nursery preparation	Fruit fly  Wilting Colar rot Damping off	<ul> <li>Severe soil moisture stress due to dry and hot weather for prolonged dry weather has been recorded. Irrigation is urgently required.</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>In view of cool and moist weather in the coming days farmers are advised to prepare nursery,</li> <li>Those farmers who have prepared nursery are advised to</li> </ul>	
			<ul> <li>regularly water nursery,</li> <li>Seed treatment is extremely important,</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 – Main crop ( <i>Mipun</i> )	Tillering Flowering	Gundhi bug	<ul> <li>Ensure proper moisture level in the crop field,</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> </ul>	
FRUIT CROPS				
Lemon	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>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,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> </ul>	
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Poultry Pigs	All stages All stages	Swine fever	<ul> <li>Provide adequate amount of potable water</li> <li>Vaccinate according to schedule,</li> <li>Vaccinate against swine fever,</li> <li>Deworming,</li> </ul>	
			Avoid scavenging,	
Cattle	All stages	FMD/BQ Worm	<ul><li>Vaccination,</li><li>Deworming,</li></ul>	
Goat/Sheep	All stages		Provide adequate potable water,     Deverming and vaccination.	
			Deworming and vaccination.	

• 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 Research Complex for NEH Region, Arunachal Pradesh Centre <u>West Siang, Basar - 791 101</u>



# (Upper Siang)

No: -38/2013-14/Tue Dated: 27<sup>th</sup> August, 2013

# Weather during the period

• Rainfall: -

 $\tilde{N}$  Tuting – 15.2 mm

#### **Weather Forecast**

- Rainfall Partial cloudy/clear weather is forecasted in next 2/3 day.
- <u>Temperature</u> 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	
		V]	EG	ETABLE CROPS	
Cauliflower/	Nursery	Wilting	•	In view of cool and moist weather in the coming days	
Cabbage/	preparation	Colar rot		farmers are advised to prepare nursery,	
Radish		Damping off	•	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,	
	T	I		FIELD CROPS	
Jhum Rice	Harvest		•	Harvest mature crop on priority basis,	
			•	When mature crop get wet due to rain, ensure to properly	
		D /		dry the seeds/grains,	
		Rat	•	Wherever rat menace is there, install rat trap,	
WRC rice-	Milky stage	G 41.5	•	Ensure proper moisture level in the crop field,	
early crop	Maturity	Gundhi Bug	•	Collect/destroy bugs found in the field,	
		D - 4	•	If damage level is high, use Malathion dust 5%.	
		Rat	•	Wherever rat menace is there, install rat trap,	
WRC rice –	Tillering	Gundhi bug	•	Ensure proper moisture level in the crop field,	
Main crop	Flowering		•	Spraying of Triazophos @ 4 ml/litre.	
(Mipun)			•	Collect/destroy bugs found in the field,	
			•	If damage level is high, use Malathion dust 5%.	
FRUIT CROPS					
Khasi	Fruiting	Trunk borer,	•	In present weather conditions, large scale damage to citrus	
Mandarin		Ants		crops by trunk borer has been reported. Cleaning of entry	
		Lichen/		hole and treatment with Dichlorvos dipped cotton swabs is	
		mosses		advised.	
			•	Use of light trap to attract adults is also advised.	
			•	Weeding around basin,	
Banana	All stages		•	Irrigate the crop,	
			•	Removal of side suckers,	
Guava	Fruiting		•	Racking of area under the basin may be done	
				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,	
Fish	All stages		•	Proper feeding	
		I .		- +	

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



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



# (Upper Subansiri)

No: -39/2013-14/Fri Dated: 30<sup>th</sup> August, 2013

# Weather during the period

- Rainfall: -
  - Daporijo- 5.0 mm

### **Weather Forecast**

- Rainfall 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.
- Relative Humidity The RH is likely to be in the range of 78-97 %.

### Weather Based Agro-meteorological Advisories Bulletin

Cucurbits Harvest Fruit fly  • Make proper drainage in the crop field, • Severe fruit fly damage is reported from most places,	
Severe fruit fly damage is reported from most	
places,	ıfected
	fected
• Collection/deep burying (Atleast 4 feet deep) of in	
fruit,	
Spraying of Malathion @ 3ml per litre of water is adv	ised,
Use of traps is highly recommended,	
Cauliflower/ Nursery • In view of cool and moist weather in the comin	g days
Cabbage/ preparation farmers are advised to prepare nursery,	
Radish • Those farmers who have prepared nursery are adv	sed to
regularly water nursery,	
Wilting/ Colar rot/  Seed treatment is extremely important with apprenticide /insecticide	priate
Doming off	
5011 dieneining with Captain (@5grains/ inte of wa	er) or
Bavistin (@ 2 grams per litre of water) is advised,	
FIELD CROPS	
WRC rice- Milky stage • Ensure proper moisture level in the crop field,	
early crop Maturity Gundhi Bug • Collect/destroy bugs found in the field,	
• If damage level is high, use Malathion dust 5%.	
Rat • Wherever rat menace is there, install rat trap,	
WRC rice – Tillering Gundhi bug • Ensure proper moisture level in the crop field,	
Main crop Flowering • Spraying of Triazophos @ 4 ml/litre.	
(Mipun) • Collect/destroy bugs found in the field,	
If damage level is high, use Malathion dust 5%.	
FRUIT CROPS	
Khasi Fruiting Trunk borer, • In present weather conditions, large scale damage to	
Mandarin Ants crops by trunk borer has been reported. Cleaning of each	•
Lichen/ hole and treatment with Dichlorvos dipped cotton sw	abs is
mosses advised.	
Use of light trap to attract adults is also advised.	
Weeding around basin,  I WEST OOKS	

#### **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,
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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Agro Meteorological Department Contact: - IAAS.BASAR@gmail.com</a>, Phone Number: - 03795-226247/37, -96 (Fax)



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



# (West Kameng)

No: -39/2013-14/Fri Dated: 30<sup>th</sup> 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.
- <u>Temperature</u> 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

Fruit Development  Development  Development  Properly make drainage in the crop basis,  Monitoring of fruit fly damage is also advised,  Collection/deep burying (Atleast 4 feet deep) of fruit,	Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
Fruit Development  Properly make drainage in the crop basis,  Monitoring of fruit fly damage is also advised,  Collection/deep burying (Atleast 4 feet deep) of fruit,  Trunk Borer  Trunk Borer  Trunk Borer  Trunk Borer  Trunk Borer	FRUITS				
	Apple	Fruit	ent Trunk	<ul> <li>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> </ul>	
LIVESTOCKS					
Livestock Stage Disease Precautionary Practices to be followed	Livestock	Stage	Disease	Precautionary Practices to be followed	
Poultry All stages  • Provide adequate amount of potable water  • Vaccinate according to schedule,	Poultry			Provide adequate amount of potable water	
Cattle All stages FMD BQ Deworming • Vaccinate as per schedule, • Deworming with Briben Plus is advised,	Cattle	All stages	BQ	Vaccinate as per schedule,	
Goat/Shee All stages p  • Deworming and vaccination.  Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against	oat/Shee	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



### (West Siang)

No: -39/2013-14/Fri Dated: 30<sup>th</sup> 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  $(m^2/m^2):0.37$ 

• 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.
- Relative Humidity 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> <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	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>Those farmers who have prepared nursery are advised to regularly water 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>Harvest mature crop on priority basis,</li> <li>When mature 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 mail biological agent which check rodent population,</li> </ul>		
WRC rice- early crop	Milky stage Maturity	Gundhi Bug Rat	<ul> <li>Ensure proper moisture level in the crop field,</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 (Mipun)	Tillering Flowering	Gundhi bug	<ul> <li>Ensure proper moisture level in the crop field,</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> </ul>		
	FRUIT CROPS				
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>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.</li> <li>Use of light trap to attract adults is also advised.</li> <li>Weeding around basin,</li> </ul>		

Banana	All stages		<ul><li>Irrigate the crop,</li><li>Removal of side suckers,</li></ul>
Guava	Fruiting		Racking of area under the basin may be done
			LIVESTOCKS
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		Vaccinate according to schedule,
Pigs	All stages	Swine fever	Vaccinate against swine fever,  Developing.
			<ul><li>Deworming,</li><li>Avoid scavenging,</li></ul>
	A 11 .	EMID /DO	Vaccination,
Cattle/Mithun	All stages	FMD/BQ	• Vaccination,

Keep strict vigil against coccidiosis

Pond sides should be properly cleaned,

Vaccinate against rabies,

Harvest of mature fish,

Deworming and vaccination.

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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All stages

All stages

All stages

All stages

Rabbits

Dog

Goat/Sheep

Fish



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



# (Changlang)

No: -39/2013-14/Fri Dated: 30<sup>th</sup> August, 2013

# Weather during the period

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

#### **Weather Forecast**

- <u>Rainfall</u> Cloudy/partially cloudy weather with moderate rains is forecasted. Heavy rains forecasted in few places.
- <u>Temperature</u> 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	• Make proper drainage in the crop field,		
			• Severe fruit fly damage is reported from most of the		
		SEL SEL	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/	Nursery		• In view of cool and moist weather in the coming days		
Cabbage/	preparation		farmers are advised to prepare nursery,		
Radish			• Those farmers who have prepared nursery are advised to		
		XX7:14: /	regularly water nursery,		
		Wilting/ Colar rot/	• Seed treatment is extremely important with appropriate		
		Damping off	fungicide/insecticide,		
		Damping on	• Soil drenching with Captan (@3grams/litre of water) or		
			Bavistin (@ 2 grams per litre of water) is advised,		
FIELD CROPS					
WRC rice	Tillering/		• Ensure proper moisture level in the crop field,		
	Flowering	C 41-: 1	• Collect/destroy bugs found in the field,		
		Gundhi bug	• If damage by bug is high, use Malathion dust 5%.		
		T	FRUIT CROPS		
Lemon	Fruiting	Trunk borer,	• In present weather conditions, large scale damage to citrus		
		Ants	crops by trunk borer has been reported. Cleaning of entry		
		Lichen/	hole and treatment with Dichlorvos dipped cotton swabs is		
		mosses	advised.		
			• Use of light trap to attract adults is also advised.		
			Weeding around basin,      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 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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Agrometeorological Field Unit
ICAR, BASAR