



# INTEGRATED AGROMET ADVISORY SERVICE

ICAR Research Complex for NEH Region

Umroi Road, Umiam – 793 103 Meghalaya



☎: Telephone No. : 0364 2570276 (O) Fax: 0364 2570213 /Email: iaasbarapani@yahoo.in

RC (AE)/30/2011/ Bulletin/August'2013/06

Dated: 20/08/2013

## Agro Advisory Bulletin for the period 21<sup>st</sup>-25<sup>th</sup> Aug 2013

### Weather summery of the previous week

Max Temp: 31.0-32.0<sup>0</sup>C, Min Temp: 25.0<sup>0</sup>C, Wind Speed: 5-9Kmph, Wind Direction: 110-200Degree, Rainfall: 133.0mm.

### Weather forecast valid up to 25<sup>th</sup> August, 2013

The possibility of Rainfall is 111.0mm for the next five days. Max Temp: 30.0-34.0<sup>0</sup>C, Min Temp: 24.0-25.0<sup>0</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 4-7Okta, Max RH: 83-91%, Min RH: 52-67%, Wind Speed: 6-14Kmph, Wind Direction: 89-180Degree.

**Weekly cumulative rainfall :111.0mm**

## Agro-advisories of East Garo hills for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Sali paddy	Tillering		<ul style="list-style-type: none"> <li>To control dicot weeds apply post-emergence herbicide 2,4-D @ 0.75 kg ai /ha at 2-3 leaf stage of dicot weeds and sedges.</li> <li>Look for stem borer infestation. If infested apply spray Chloropyrriphos (0.02%) or Monocrotophos (0.04%). Application should be avoided in rainy days.</li> </ul>
Sali Paddy	Late sowing due to long dry spell		<ul style="list-style-type: none"> <li>Maintain sufficient water in the fields by repairing the bunds properly.</li> </ul>
Grren gram/black gram	Sowing		<ul style="list-style-type: none"> <li>Sow green gram and black gram where rice could not been sown due to long dry spell.</li> </ul>
Khasi Mandarin	Vegetative	Shoot borer	<ul style="list-style-type: none"> <li>One weeding should be done in this month.</li> <li>It is best time for soft wood grafting.</li> <li>To control sap sucking insects (aphids/mealy bug/scales) plants should be sprayed with Malathion 0.1%.</li> </ul>
Ginger/ Turmeric	Various stage	Soft rot	<ul style="list-style-type: none"> <li>To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li> </ul>
Cucurbits	Vegetative/ fruiting	Red pumpkin beetle / fruit fly/ Powdery Mildew	<ul style="list-style-type: none"> <li>Malathion 50 EC @ 2 ml/ lit of water should be sprayed if attack of Red pumpkin beetle and fruit fly are observed.</li> <li>To check powdery Mildew spray Bavistin 0.1% or Karathane wp 0.05%. Spraying should be avoided in rainy days.</li> </ul>
Banana	Various	Bunchy top	<ul style="list-style-type: none"> <li>To check the spread of Bunchy top disease, spray Rogor or Dimacron @ 1ml/lit of water</li> </ul>
Animal	Various	FMD, HS and BQ	<ul style="list-style-type: none"> <li>Deworm poultry with Albendazole liquid mixed with water.</li> <li>Vaccinate pigs against swine fever.</li> </ul>

N.B.

Suggestion: Contact nearby State Agril Staff or KVK staff for necessary help and suggestion.

SCALE 1: 1,350,000  
Kilometers



RC (AE)/30/2011/ Bulletin/August'2013/06

Dated: 20/08/2013

## Agro Advisory Bulletin for the period 21<sup>st</sup>-25<sup>th</sup> Aug 2013

### Weather summery of the previous week

Max Temp: 24.0-25.0<sup>0</sup>C, Min Temp: 18.0-19.0<sup>0</sup>C,  
Cloud Cover: sky will be mainly cloudy i.e.6-7Okta,  
Max RH: 88-94%, Min RH: 53-70%, Wind Speed: 3-6Kmph, Wind Direction: 93-234Degree and Rainfall is 53.0mm.

### Weather forecast valid up to 25<sup>th</sup> August, 2013

The possibility of Rainfall is 70.0mm for the next five days.  
Max Temp: 25.0-27.0<sup>0</sup>C, Min Temp: 18.0-19.0<sup>0</sup>C, Cloud  
Cover: sky will be mainly cloudy i.e. 3-6Okta, Max RH: 88-94%, Min RH: 54-58%, Wind Speed: 2-4Kmph, Wind  
Direction: 112-174Degree.

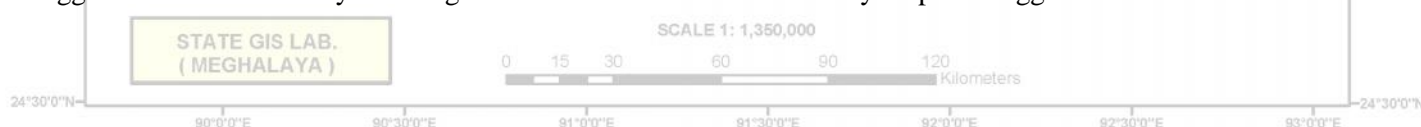
*Weekly cumulative Rainfall: 70.0mm*

## Agro-advisories of East Khasi hills for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Sali paddy	Tillering		<ul style="list-style-type: none"> <li>To control dicot weeds apply post-emergence herbicide 2,4-D @ 0.75 kg ai /ha at 2-3 leaf stage of dicot weeds and sedges.</li> <li>Look for stem borer infestation. If infested apply spray Chloropyriphos (0.02%) or Monocrotophos (0.04%). Application should be avoided in rainy days.</li> <li>Maintain sufficient water in the fields by repairing the bunds properly.</li> </ul>
Sali Paddy	Late sowing due to long dry spell		
Grren gram/black gram	Sowing		<ul style="list-style-type: none"> <li>Sow green gram and black gram where rice could not been sown due to long dry spell.</li> </ul>
Khasi Mandarin	Vegetative	Shoot borer	<ul style="list-style-type: none"> <li>One weeding should be done in this month.</li> <li>It is best time for soft wood grafting.</li> <li>To control sap sucking insects (aphids/mealy bug/scales) plants should be sprayed with Malathion 0.1%</li> <li>To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li> </ul>
Ginger/ Turmeric	Various stage	Soft rot	
Cucurbits	Vegetative/ fruiting	Red pumpkin beetle / fruit fly/ Powdery Mildew	<ul style="list-style-type: none"> <li>Malathion 50 EC @ 2 ml/ lit of water should be sprayed if attack of Red pumpkin beetle and fruit fly are observed.</li> <li>To check powdery Mildew spray Bavistin 0.1% or Karathane wp 0.05%. Spraying should be avoided in rainy days.</li> </ul>
Banana	Various	Bunchy top	<ul style="list-style-type: none"> <li>To check the spread of Bunchy top disease, spray Rogor or Dimacron @ 1ml/lit of water</li> </ul>
Animal	Various	FMD, HS and BQ	<ul style="list-style-type: none"> <li>Deworm poultry with Albendazole liquid mixed with water.</li> <li>Vaccinate pigs against swine fever.</li> </ul>

N.B.

Suggestion: Contact nearby State Agril Staff or KVK staff for necessary help and suggestion.





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RC (AE)/30/2011/ Bulletin/August'2013/06

Dated: 20/08/2013

## Agro Advisory Bulletin for the period 21<sup>st</sup>-25<sup>th</sup> August 2013

### Weather summary of the previous week

Max Temp: 24.0-25.0°C, Min Temp: 18.0-19.0°C, Wind Speed: 2-4kmph, Wind Direction: 79-222 Degree and Rainfall: 43.0mm

### Weather forecast valid up to 25<sup>th</sup> August, 2013

The possibility of Rainfall is 33.0mm for the next five days. Max Temp: 26.0-27.0°C, Min Temp: 18.0-20.0°C, Cloud Cover: sky will be mainly cloudy i.e. 3-7Okta, Max RH: 89-95%, Min RH: 52-60%, Wind Speed: 2Kmph, Wind Direction: 90-175 Degree.

*Weekly cumulative rainfall : 33.0mm*

## Agro-advisories of Jaintia hills for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Sali paddy	Tillering		<ul style="list-style-type: none"> <li>To control dicot weeds apply post-emergence herbicide 2,4-D @ 0.75 kg ai /ha at 2-3 leaf stage of dicot weeds and sedges.</li> <li>Look for stem borer infestation. If infested apply spray Chloropyriphos (0.02%) or Monocrotophos (0.04%). Application should be avoided in rainy days.</li> </ul>
Sali Paddy	Late sowing due to long dry spell		<ul style="list-style-type: none"> <li>Maintain sufficient water in the fields by repairing the bunds properly.</li> </ul>
Grren gram/black gram	Sowing		<ul style="list-style-type: none"> <li>Sow green gram and black gram where rice could not been sown due to long dry spell.</li> </ul>
Khasi Mandarin	Vegetative	Shoot borer	<ul style="list-style-type: none"> <li>One weeding should be done in this month.</li> <li>It is best time for soft wood grafting.</li> <li>To control sap sucking insects (aphids/mealy bug/scales) plants should be sprayed with Malathion 0.1%</li> </ul>
Ginger/ Turmeric	Various stage	Soft rot	<ul style="list-style-type: none"> <li>To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li> </ul>
Cucurbits	Vegetative/ fruiting	Red pumpkin beetle / fruit fly/ Powdery Mildew	<ul style="list-style-type: none"> <li>Malathion 50 EC @ 2 ml/ lit of water should be sprayed if attack of Red pumpkin beetle and fruit fly are observed.</li> <li>To check powdery Mildew spray Bavistin 0.1% or Karathane wp 0.05%. Spraying should be avoided in rainy days.</li> </ul>
Banana	Various	Bunchy top	<ul style="list-style-type: none"> <li>To check the spread of Bunchy top disease, spray Rogor or Dimacron @ 1ml/lit of water</li> </ul>
Animal	Various	FMD, HS and BQ	<ul style="list-style-type: none"> <li>Deworm poultry with Albendazole liquid mixed with water.</li> <li>Vaccinate pigs against swine fever.</li> </ul>

N.B.

Suggestion: Contact nearby State Agril Staff or KVK staff for necessary help and suggestion.



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RC (AE)/30/2011/ Bulletin/August'2013/06

Dated: 20/08/2013

## Agro Advisory Bulletin for the period 21<sup>st</sup>-25<sup>th</sup> August 2013

### Weather summary of the previous week

Rainfall: 64.0mm, Max and min temp varied between 31.0-34.0°C and 18.0-19.0°C respectively. The sky will be mainly cloudy *i.e.* 7Okta, The wind speed 2-6kmph, Wind direction: 153-191degree, Max RH: 92-97% and Min RH: 56-72%.

### Weather forecast valid up to 25<sup>th</sup> August, 2013

The possibility of Rainfall is 27.0mm for next five days. Max and min temp will be varied between 34.0-35.0°C and 22.0-24.0°C respectively. The sky will be mainly cloudy *i.e.* 3-7Okta; Relative humidity will be varied between 92-96% and 53-61% in the morning and afternoon respectively. The wind will be 3-4kmph. The wind will blow from variable direction at 162-204degree.

**Weekly cumulative rainfall: 27.0mm**

## Agro-advisories of Ri-Bhoi for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Sali paddy	Tillering		<ul style="list-style-type: none"> <li>To control dicot weeds apply post-emergence herbicide 2,4-D @ 0.75 kg ai /ha at 2-3 leaf stage of dicot weeds and sedges.</li> <li>Look for stem borer infestation. If infested apply spray Chloropyrifos (0.02%) or Monocrotophos (0.04%). Application should be avoided in rainy days.</li> <li>Maintain sufficient water in the fields by repairing the bunds properly.</li> </ul>
Sali Paddy	Late sowing due to long dry spell		
Grren gram/black gram	Sowing		<ul style="list-style-type: none"> <li>Sow green gram and black gram where rice could not been sown due to long dry spell.</li> </ul>
Khasi Mandarin	Vegetative	Shoot borer	<ul style="list-style-type: none"> <li>One weeding should be done in this month.</li> <li>It is best time for soft wood grafting.</li> <li>To control sap sucking insects (aphids/mealy bug/scales) plants should be sprayed with Malathion 0.1%</li> </ul>
Ginger/ Turmeric	Various stage	Soft rot	<ul style="list-style-type: none"> <li>To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li> </ul>
Cucurbits	Vegetative/ fruiting	Red pumpkin beetle / fruit fly/ Powdery Mildew	<ul style="list-style-type: none"> <li>Malathion 50 EC @ 2 ml/ lit of water should be sprayed if attack of Red pumpkin beetle and fruit fly are observed.</li> <li>To check powdery Mildew spray Bavistin 0.1% or Karathane wp 0.05%. Spraying should be avoided in rainy days.</li> </ul>
Banana	Various	Bunchy top	<ul style="list-style-type: none"> <li>To check the spread of Bunchy top disease, spray Rogor or Dimacron @ 1ml/lit of water</li> </ul>
Animal	Various	FMD, HS and BQ	<ul style="list-style-type: none"> <li>Deworm poultry with Albendazole liquid mixed with water.</li> <li>Vaccinate pigs against swine fever.</li> </ul>

N.B.

Suggestion: Contact nearby State Agril Staff or KVK staff for necessary help and suggestion.





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RC (AE)/30/97/ Bulletin/August'2013/06

Dated: 20/08/2013

## Agro Advisory Bulletin for the period 21<sup>st</sup>-25<sup>th</sup> August 2013

### Weather summery of the previous week

Max Temp: 32.0- 36.0°C, Min Temp: 25.0°C,  
Rainfall: 59.0mm, Wind speed: 5-7Kmph,  
Wind Direction: 106-130Degree.

### Weather forecast valid up to 25<sup>th</sup> August, 2013

The possibility of Rainfall is 35.0mm for the next five days. Max Temp: 33.0- 35.0°C, Min Temp: 24.0-26.0°C, Cloud cover: sky will be mainly cloudy i.e. 3-5Okta, Max RH: 89-95%, Min RH: 60-64%, Wind Speed: 6-8Kmph and Wind Direction: 98-138Degree.

*Weekly cumulative rainfall : 35.0mm*

## Agro-advisories of South Garo Hills for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Sali paddy	Tillering		<ul style="list-style-type: none"> <li>To control dicot weeds apply post-emergence herbicide 2,4-D @ 0.75 kg ai /ha at 2-3 leaf stage of dicot weeds and sedges.</li> <li>Look for stem borer infestation. If infested apply spray Chloropyrphos (0.02%) or Monocrotophos (0.04%). Application should be avoided in rainy days.</li> </ul>
Sali Paddy	Late sowing due to long dry spell		<ul style="list-style-type: none"> <li>Maintain sufficient water in the fields by repairing the bunds properly.</li> </ul>
Grren gram/black gram	Sowing		<ul style="list-style-type: none"> <li>Sow green gram and black gram where rice could not been sown due to long dry spell.</li> </ul>
Khasi Mandarin	Vegetative	Shoot borer	<ul style="list-style-type: none"> <li>One weeding should be done in this month.</li> <li>It is best time for soft wood grafting.</li> <li>To control sap sucking insects (aphids/mealy bug/scales) plants should be sprayed with Malathion 0.1%</li> </ul>
Ginger/ Turmeric	Various stage	Soft rot	<ul style="list-style-type: none"> <li>To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li> </ul>
Cucurbits	Vegetative/ fruiting	Red pumpkin beetle / fruit fly/ Powdery Mildew	<ul style="list-style-type: none"> <li>Malathion 50 EC @ 2 ml/ lit of water should be sprayed if attack of Red pumpkin beetle and fruit fly are observed.</li> <li>To check powdery Mildew spray Bavistin 0.1% or Karathane wp 0.05%. Spraying should be avoided in rainy days.</li> </ul>
Banana	Various	Bunchy top	<ul style="list-style-type: none"> <li>To check the spread of Bunchy top disease, spray Rogor or Dimacron @ 1ml/lit of water</li> </ul>
Animal	Various	FMD, HS and BQ	<ul style="list-style-type: none"> <li>Deworm poultry with Albendazole liquid mixed with water.</li> <li>Vaccinate pigs against swine fever.</li> </ul>

N.B.

Suggestion: Contact nearby State Agril Staff or KVK staff for necessary help and suggestion.



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## Agro Advisory Bulletin for the period 21<sup>st</sup>-25<sup>th</sup> August 2013

### Weather summary of the previous week

Max Temp: 32.0-35.0°C, Min Temp: 25.0-26.0°C, Wind Speed: 5-7Kmph and Wind Direction: 121-147Degree and Rainfall: 105.0mm.

### Weather forecast valid up to 25<sup>th</sup> August, 2013

The possibility of Rainfall is 82.0mm for the next five days. Max Temp: 33.0-34.0°C, Min Temp: 24.0-26.0°C, Cloud cover: sky will be cloudy i.e. 3-6Okta, Max RH: 93-96%, Min RH: 60-74%, Wind Speed: 6-9Kmph and Wind Direction: 89-153Degree.

*Weekly cumulative rainfall :82.0mm*

## Agro-advisories of West garo hills for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Sali paddy	Tillering		<ul style="list-style-type: none"> <li>To control dicot weeds apply post-emergence herbicide 2,4-D @ 0.75 kg ai /ha at 2-3 leaf stage of dicot weeds and sedges.</li> <li>Look for stem borer infestation. If infested apply spray Chloropyrphos (0.02%) or Monocrotophos (0.04%). Application should be avoided in rainy days.</li> </ul>
Sali Paddy	Late sowing due to long dry spell		<ul style="list-style-type: none"> <li>Maintain sufficient water in the fields by repairing the bunds properly.</li> </ul>
Grren gram/black gram	Sowing		<ul style="list-style-type: none"> <li>Sow green gram and black gram where rice could not been sown due to long dry spell.</li> </ul>
Khasi Mandarin	Vegetative	Shoot borer	<ul style="list-style-type: none"> <li>One weeding should be done in this month.</li> <li>It is best time for soft wood grafting.</li> <li>To control sap sucking insects (aphids/mealy bug/scales) plants should be sprayed with Malathion 0.1%</li> </ul>
Ginger/ Turmeric	Various stage	Soft rot	<ul style="list-style-type: none"> <li>To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li> </ul>
Cucurbits	Vegetative/ fruiting	Red pumpkin beetle / fruit fly/ Powdery Mildew	<ul style="list-style-type: none"> <li>Malathion 50 EC @ 2 ml/ lit of water should be sprayed if attack of Red pumpkin beetle and fruit fly are observed.</li> <li>To check powdery Mildew spray Bavistin 0.1% or Karathane wp 0.05%. Spraying should be avoided in rainy days.</li> </ul>
Banana	Various	Bunchy top	<ul style="list-style-type: none"> <li>To check the spread of Bunchy top disease, spray Rogor or Dimacron @ 1ml/lit of water</li> </ul>
Animal	Various	FMD, HS and BQ	<ul style="list-style-type: none"> <li>Deworm poultry with Albendazole liquid mixed with water.</li> <li>Vaccinate pigs against swine fever.</li> </ul>

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Suggestion: Contact nearby State Agril Staff or KVK staff for necessary help and suggestion.



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Dated: 20/08/2013

## Agro Advisory Bulletin for the period 21<sup>st</sup>-25<sup>th</sup> Aug 2013

### Weather summary of the previous week

Max Temp: 25.0-26.0°C, Min Temp: 18.0-19.0°C,  
Wind Speed: 2-6Kmph, Wind Direction: 101-  
152Degree, Rainfall:76.0mm.

### Weather forecast valid up to 25<sup>th</sup> August, 2013

The possibility of Rainfall is 27.0mm for next five days. Max Temp: 26.0-27.0°C, Min Temp: 18.0-19.0°C, Cloud cover: sky will be mainly cloudy i.e.3-6Okta, Max RH: 88-94%, Min RH: 57-58%, Wind Speed: 4-6Kmph and Wind Direction: 105-155Degree.

*Weekly cumulative rainfall :27.0mm*

## Agro-advisories of West Khasi Hills for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Sali paddy	Tillering		<ul style="list-style-type: none"> <li>To control dicot weeds apply post-emergence herbicide 2,4-D @ 0.75 kg ai /ha at 2-3 leaf stage of dicot weeds and sedges.</li> <li>Look for stem borer infestation. If infested apply spray Chloropyrphos (0.02%) or Monocrotophos (0.04%). Application should be avoided in rainy days.</li> </ul>
Sali Paddy	Late sowing due to long dry spell		<ul style="list-style-type: none"> <li>Maintain sufficient water in the fields by repairing the bunds properly.</li> </ul>
Grren gram/black gram	Sowing		<ul style="list-style-type: none"> <li>Sow green gram and black gram where rice could not been sown due to long dry spell.</li> </ul>
Khasi Mandarin	Vegetative	Shoot borer	<ul style="list-style-type: none"> <li>One weeding should be done in this month.</li> <li>It is best time for soft wood grafting.</li> <li>To control sap sucking insects (aphids/mealy bug/scales) plants should be sprayed with Malathion 0.1%</li> </ul>
Ginger/ Turmeric	Various stage	Soft rot	<ul style="list-style-type: none"> <li>To control soft rot drench soil with Dithane M-45 @ 3 g/litre at 15 days interval.</li> </ul>
Cucurbits	Vegetative/ fruiting	Red pumpkin beetle / fruit fly/ Powdery Mildew	<ul style="list-style-type: none"> <li>Malathion 50 EC @ 2 ml/ lit of water should be sprayed if attack of Red pumpkin beetle and fruit fly are observed.</li> <li>To check powdery Mildew spray Bavistin 0.1% or Karathane wp 0.05%. Spraying should be avoided in rainy days.</li> </ul>
Banana	Various	Bunchy top	<ul style="list-style-type: none"> <li>To check the spread of Bunchy top disease, spray Rogor or Dimacron @ 1ml/lit of water</li> </ul>
Animal	Various	FMD, HS and BQ	<ul style="list-style-type: none"> <li>Deworm poultry with Albendazole liquid mixed with water.</li> <li>Vaccinate pigs against swine fever.</li> </ul>

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Suggestion: Contact nearby State Agril Staff or KVK staff for necessary help and suggestion.