



# INTEGRATED AGROMET ADVISORY SERVICE

ICAR Research Complex for NEH Region

Umroi Road, Umiam – 793 103 Meghalaya



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RC (AE)/30/2011/ Bulletin/Jan'2013/03

Dated: 16/01/2013

## Agro Advisory Bulletin for the period 16<sup>th</sup> -20<sup>th</sup> Jan, 2013

### Weather summary of the previous week

Max Temp: 20.0-24.0°C, Min Temp: 8.0-10.0°C, Wind Speed: 2-4kmph, Wind Direction: 200degree, Rainfall: 0.0mm

### Weather forecast valid up to 20<sup>th</sup> Jan, 2013

Possibility of rainless period for the next five days. Max Temp: 25-26°C, Min Temp: 8-9°C, Cloud Cover: sky will remain mainly clear to mainly cloudy i.e.2-6Okta, Max RH: 53-68%, Min RH: 39-45%, Wind Speed: 5-10Kmph, Wind Direction: 98-278Degree.

*Projected weekly cumulative rainfall 0.0mm*

## Agro-advisories for coming week for East Garo Hills

Main Crops/ Animals /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Toria/pea / lentil	Flowering		Toria (TS-36, TS-46, M-27) and Pea (Arkel/Prabash), lentil (DPL15, DPL 62) are at flowering stage. Residues may be retained in the field to conserve soil moisture in low land. Zero tillage recommended. Be cautious during cloudy weather against Aphid attack. If aphid incidence is found, Rogor (Dimethoate) @2ml/lit or Malathion 50EC @1.5ml/lit of water may be sprayed.
Mandarin Orange	Fruiting	Aphids	Khasi mandarin and Kinnow varieties of mandarin oranges are at fruiting stage. Weeding followed by earthing up may be done. Spraying of Malathion-45 @0.1% may be done for controlling aphids.
Ginger & turmeric	Harvesting		Turmeric variety of Lakhadong, Megha turmeric & ginger of Nadia, Jamaika, Suprabha, Thingpui, Rio de Jenerio, Thinglaidong varieties are at rhizome formation stage.
Cattle Buffalo Tomato	Deworming  Vegetative		Deworming of cattle may be done by using Albendazole @10mg/kg of body weight. Sprinkle water to avoid frost damage. Putting coarse sand between the rows can also trap heat and there by frost damage can be minimized.



RC (AE)/30/2011/ Bulletin/Jan'2013/03

Dated: 16/01/2013

**Agro Advisory Bulletin for the period 16<sup>th</sup> -20<sup>th</sup> Jan, 2013****Weather summery of the previous week**

Rainfall: 0.0mm. Max and min temp varied between 15-17°C and 5.0-7.0°C respectively. The sky was partially cloudy i.e. 2-3Okta, The wind speed varies between 2.0kmph, Wind direction: 150-200degree, Max RH: 80-95% and Min RH: 60-75%

**Weather forecast valid up to 20<sup>th</sup> Jan, 2013**

Possibility of receiving 0.0mm Rainfall for the next five days. Max Temp: 16.0-18.0°C, Min Temp: 6.0-7.0°C, Cloud Cover: sky will be mainly clear i.e. 1Okta, Max RH: 72-84%, Min RH: 61-64%, Wind Speed: 2-3Kmph, Wind Direction: 183-215Degree.

**Projected weekly cumulative Rainfall: 0.0mm****Agro-advisories for coming week for East Khasi hills**

<b>Main Crops/ Animals /Fisheries</b>	<b>Stage</b>	<b>Pest/ Diseases</b>	<b>Agricultural advisories</b>
Boro rice	Nursery preparation		Nursery preparation for Boro rice may be initiated now. Poly tunneling is recommended for better growth of Boro rice.
Rabi Maize	Vegetative to intercultural operations		Intercultural operations (weeding/top dressing) and one irrigation in rabi maize may be given now in low and medium altitude. In some areas rabi maize are at vegetative stage and thinning may be done in those plots.
Toria/ Pea/ lentil	Flowering		Toria (TS-36, TS-46, M-27) and Pea (Arkel /Prabash), lentil (DPL15, DPL 62) are at flowering stage. Residues may be retained in the field to conserve soil moisture in low land. Zero tillage recommended. Be cautious during cloudy weather against Aphid attack. If aphid incidence is found, Rogor (Dimethoate) @2ml/lit or Malathion 50EC 1.5ml/lit of water may be sprayed.
Turmeric Ginger	Harvesting		Turmeric varieties Lakhadong, Megha turmeric & ginger of Nadia, Jamaika, Suprabha, Thingpui, Rio de Jenerio, Thinglaidong varieties are at root & shoot development stage.
Cole crop (winter vegetables)	Vegetative		Cabbage, varieties like H-139 and Pride of India and Cauliflower; varieties like Pusa Meghna, Pusa sharad and Meghalaya local are at vegetative stage. The suitable Broccoli, varieties like Puspa, Aiswarya and Fiesta are also at vegetative stage. Weeding and earthing up may be done. Light irrigation may be provided now
Tomato & Capsicum under poly house	Seed sowing		For protected cultivation of tomato and capsicum, farmers can go for seed sowing and transplanting of 30days old seedling.
Cattle Buffalo	De-worming		De-worming of cattle may be done by using Albendazole @10mg/kg of body weight.



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Dated: 16/01/2013

## Agro Advisory Bulletin for the period 16<sup>th</sup>-20<sup>th</sup> Jan, 2013

### Weather summary of the previous week

Max Temp: 18.0-20.0°C Min Temp: 7.0-9.0°C, Wind Speed: 2-3kmph, Wind Direction: 50-200deg. and Rainfall: 0.0mm.

### Weather forecast valid up to 20<sup>th</sup> Jan, 2013

Possibility of receiving 0.0mm rainfall for the next five days. Max Temp: 20.0-22.0°C, Min Temp: 8.0-9.0°C, Cloud Cover: sky will be clear i.e. 1Okta, Max RH: 63-76% Min RH: 55-59%, Wind Speed: 3-5Kmph, Wind Direction: 74-126Degree.

*Projected weekly cumulative rainfall :0.0mm*

## Agro-advisories for coming week for Jaintia hills

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro rice	Nursery preparation		Nursery preparation for Boro rice may be initiated now. Poly tunneling is recommended for better growth of Boro rice.
Rabi Maize	Vegetative to intercultural operations		Intercultural operations (weeding/top dressing) and one irrigation in rabi maize may be given now in low and medium altitude. In some areas rabi maize are at vegetative stage and thinning may be done in those plots.
Toria/ Pea/ lentil	Flowering		Toria (TS-36, TS-46, M-27) and Pea (Arkel /Prabash), lentil (DPL15, DPL 62) are at flowering stage. Residues may be retained in the field to conserve soil moisture in low land. Zero tillage recommended. Be cautious during cloudy weather against Aphid attack. If aphid incidence is found, Rogor (Dimethoate) @2ml/lit or Malathion 50EC 1.5ml/lit of water may be sprayed.
Turmeric Ginger	Harvesting		Turmeric varieties Lakhadong, Megha turmeric & ginger of Nadia, Jamaika, Suprabha, Thingpui, Rio de Jenerio, Thinglaidong varieties are at root & shoot development stage.
Cole crop (winter vegetables)	Vegetative		Cabbage, varieties like H-139 and Pride of India and Cauliflower; varieties like Pusa Meghna, Pusa sharad and Meghalaya local are at vegetative stage. The suitable Broccoli, varieties like Puspa, Aiswarya and Fiesta are also at vegetative stage. Weeding and earthing up may be done. Light irrigation may be provided now
Tomato & Capsicum under poly house	Seed sowing		For protected cultivation of tomato and capsicum, farmers can go for seed sowing and transplanting of 30days old seedling.
Cattle Buffalo	De-worming		De-worming of cattle may be done by using Albendazole @10mg/kg of body weight.



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Dated: 16/01/13

## Agro Advisory Bulletin for the period 16<sup>th</sup>-20<sup>th</sup> Jan, 2013

### Weather summery of the previous week

Rainfall: 0.0mm, max and min temp varied between 18-19°C and 7-9°C, respectively. The sky was mainly clear to partially cloudy *i.e.* 1-3Okta, The wind speed varies between 2-3kmph, Wind direction: 150-250degree, Max RH: 90-95% and Min RH: 60-65%

### Weather forecast valid up to 20<sup>th</sup> Jan, 2013

Possibility of rainless period for next five days. Max and min temp will vary between 20.0-21.0°C and 8-11°C respectively. The sky will remain mainly clear to cloudy *i.e.* 1-4Okta; RH will vary between 78-86% and 57-59% in the morning and afternoon respectively. Wind speed will vary between 2-4kmph. Wind will blow in different direction from 163-177degree.

**Projected weekly cumulative rainfall:0.0mm**

## Agro-advisories for coming week for Ri-bhoi district

Main Crops/ Animals /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro rice	Nursery preparation		Nursery preparation for Boro rice may be initiated now. Poly tunneling is recommended for better growth of Boro rice.
Rabi Maize	Vegetative to intercultural operations		Intercultural operations (weeding/top dressing) and one irrigation in rabi maize may be given now in low and medium altitude.
Toria/ Pea/ lentil	Flowering		Toria (TS-36, TS-46, M-27) and Pea (Arkel /Prabash), lentil (DPL15, DPL 62) are at flowering stage. Residues may be retained in the field to conserve soil moisture in low land. Zero tillage recommended. Be cautious during cloudy weather against Aphid attack. If aphid incidence is found, Rogor (Dimethoate) @2ml/lit or Malathion 50EC 1.5ml/lit of water may be sprayed.
Turmeric Ginger	Harvesting		Turmeric varieties Lakhadong, Megha turmeric & ginger of Nadia, Jamaika, Suprabha, Thingpui, Rio de Jenerio, Thinglaidong varieties are at root & shoot development stage.
Cole crop (winter vegetables)	Vegetative		Cabbage, varieties like H-139 and Pride of India and Cauliflower; varieties like Pusa Meghna, Pusa sharad and Meghalaya local are at vegetative stage. The suitable Broccoli, varieties like Puspa, Aiswarya and Fiesta are also at vegetative stage. Weeding and earthing up may be done. Light irrigation may be provided now
Tomato & Capsicum under poly house	Seed sowing		For protected cultivation of tomato and capsicum, farmers can go for seed sowing and transplanting of 30days old seedling.
Cattle Buffalo	De-worming		De-worming of cattle may be done by using Albendazole @10mg/kg of body weight.

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Khasi Translation by Hillary Suna



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RC (AE)/30/97/ Bulletin/Jan'2013/03

Dated: 16/01/2013

## Agro Advisory Bulletin for the period 16<sup>th</sup>-20<sup>th</sup> Jan, 2013

### Weather summery of the previous week

### Weather forecast valid up to 20<sup>th</sup> Jan, 2013

Max Temp: 21.0-24.0.0°C, Min Temp: 8.5-9.5°C, Rainfall: 0.0mm, Wind speed: 2-3kmph, Wind Direction: 250degree.

Possibility of receiving 0.0mm Rainfall for the next five days. Max Temp: 23.0-27.0°C, Min Temp: 9.0-11.0°C, Cloud cover: sky will remain clear i.e.1.0Okta, Max RH: 75-86%, Min RH:49-55%, Wind Speed: 2-5Kmph and Wind Direction: 20-25Degree.

*Projected weekly cumulative rainfall : 0.0mm*

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

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Toria/pea / lentil	Flowering		Toria (TS-36, TS-46, M-27) and Pea (Arkel/Prabash), lentil (DPL15, DPL 62) are at flowering stage. Residues may be retained in the field to conserve soil moisture in low land. Zero tillage recommended. Be cautious during cloudy weather against Aphid attack. If aphid incidence is found, Rogor (Dimethoate) @2ml/lit or Malathion 50EC @1.5ml/lit of water may be sprayed.
Mandarin Orange	Fruiting	Aphids	Khasi mandarin and Kinnow varieties of mandarin oranges are at fruiting stage. Weeding followed by earthing up may be done. Spraying of Malathion-45 @0.1% may be done for controlling aphids.
Ginger & turmeric	Harvesting		Turmeric variety of Lakhadong, Megha turmeric & ginger of Nadia, Jamaika, Suprabha, Thingpui, Rio de Jenerio, Thinglaidong varieties are at rhizome formation stage.
Cattle Buffalo	De-worming		De-worming of cattle may be done by using Albendazole @10mg/kg of body weight.
Tomato	Vegetative		Sprinkle water to avoid frost damage. Putting coarse sand between the rows can also trap heat and there by frost damage can be minimized.



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Dated: 16/01/2013

## Agro Advisory Bulletin for the period 16<sup>th</sup>-20<sup>th</sup> Jan, 2013

### Weather summary of the previous week

Max Temp: 22-26.0°C, Min Temp: 10.0-12.0°C, Wind Speed: 2-4kmph, Wind Direction: 180degree, Rainfall: 0.0mm

### Weather forecast valid up to 20<sup>th</sup> Jan, 2013

Possibility of rainless period for the next five days. Max Temp: 24-26°C, Min Temp: 11.0-13.0°C, Cloud Cover: sky will remain clear i.e. 1-2Okta, Max RH: 51-62%, Min RH: 43-46%, Wind Speed: 3-6Kmph, Wind Direction: 44-221Degree.  
*Projected weekly cumulative rainfall 0.0mm*

## Agro-advisories for coming week for West Garo Hills

Main Crops/ Animals /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Toria/pea / lentil	Flowering		Toria (TS-36, TS-46, M-27) and Pea (Arkel/Prabash), lentil (DPL15, DPL 62) are at flowering stage. Residues may be retained in the field to conserve soil moisture in low land. Zero tillage recommended. Be cautious during cloudy weather against Aphid attack. If aphid incidence is found, Rogor (Dimethoate) @2ml/lit or Malathion 50EC @1.5ml/lit of water may be sprayed.
Groundnut	Harvesting stage		The crop may be harvested when plants turn into yellowish in colour. The harvested pods may be dried under sunlight to avoid fungal growth and subsequently arrangement for better storage may be done.
Mandarin Orange	Fruiting	Aphids	Khasi mandarin and Kinnow varieties of mandarin oranges are at fruiting stage. Weeding followed by earthing up may be done. Spraying of Malathion-45 @0.1% may be done for controlling aphids.
Ginger & turmeric	Harvesting		Turmeric variety of Lakhadong, Megha turmeric & ginger of Nadia, Jamaika, Suprabha, Thingpui, Rio de Jenerio, Thinglaidong varieties are at rhizome formation stage.
Cattle Buffalo Tomato	Deworming  Vegetative		Deworming of cattle may be done by using Albendazole @10mg/kg of body weight. Sprinkle water to avoid frost damage. Putting coarse sand between the rows can also trap heat and there by frost damage can be minimized.





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## Agro Advisory Bulletin for the period 16<sup>th</sup> -20<sup>th</sup> Jan, 2013

### Weather summery of the previous week

Rainfall: 0.0mm, max and min temp varied between 18.0-20.0°C and 7.0-10.0°C, respectively. The sky was mainly clear i.e. 1Okta, The wind speed varies between 2-3kmph, Wind direction: 100-200degree, Max RH: 85-90% and Min RH: 55-65%

### Weather forecast valid up to 20<sup>th</sup> Jan, 2013

Possibility of rainless period for next five days. Max and min temp will vary between 22.0-23.0°C and 5-10°C respectively. The sky will remain mainly clear i.e. 0.0Okta; RH will vary between 71-83% and 61-65% in the morning and afternoon respectively. Wind speed will vary between 2-5kmph. Wind will blow in different direction from 54-88degree.

**Projected weekly cumulative rainfall:0.0mm**

## Agro-advisories for coming week for West khasi district

Main Crops/ Animals /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro rice	Nursery preparation		Nursery preparation for Boro rice may be initiated now. Ploy tunneling is recommended for better growth of Boro rice.
Rabi Maize	Vegetative		Intercultural operations (weeding/top dressing) and one irrigation in rabi maize may be given now in low and medium altitude. In some areas rabi maize are at vegetative stage and thinning may be done in those plots.
Toria/ Pea /Lentil	Flowering		Toria (TS-36, TS-46, M-27) and Pea (Arkel /Prabash), lentil (DPL15, DPL 62) are at flowering stage. Residues may be retained in the field to conserve soil moisture in low land. Zero tillage is recommended. Be cautious during cloudy weather against Aphid attack. If aphid incidence is found, Rogor (Dimethoate) @2ml/lit or Malathion 50EC 1.5ml/lit of water may be sprayed.
Tomato & Capsicum under poly house	Seed sowing		For protected cultivation of tomato and capsicum, farmers can go for seed sowing and transplanting of 30days old seedling.
Cattle Buffalo	De-worming		De-worming of cattle may be done by using Albendazole @10mg/kg of body weight.

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Khasi Translation by Hillary Suna