



RC (AE)/30/2011/ Bulletin/April'2013/01

Dated: 02/04/2013

Agro Advisory Bulletin for the period 2nd -6th April, 2013

East Garo Hill

Weather summary of the previous week

Max Temp: 29.0-33.4°C, Min Temp: 14.0-16.2°C, Wind Speed: 1-7kmph, Wind Direction :100-350degree, Rainfall: 0.0,

Weather forecast valid up to 6th April, 2013

The possibility of Rainfall is nil for the next five days. Max Temp: 40.0-41.0°C, Min Temp: 22.0-23.0°C, Cloud Cover: sky will be mainly clear i.e. 1-2Okta, Max RH: 33-39%, Min RH: 13-17%, Wind Speed: 6-9Kmph, Wind Direction: 162-237Degree.

Weekly cumulative rainfall :mm

Agro-advisories for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro Rice	Grain filling		<i>NEH Megha Rice-1, NEH Megha Rice-2</i> varieties are at grain filling. As no rain in the previous weeks, water may be applied in the rice plot. Weeding followed by top dressing of 33kg urea and 21kg MOP per hectare may be applied after irrigation.
Kharif maize	Growing		Growing kharif maize varieties like Vijay, RCM-76, Local white and yellow, DA-61-A and QPM. Light irrigation may be provided and mulching may be provided to reduce evaporation loss. At knee height stage urea @58kg/ha may be applied.
Okra	Fruiting	White fly	HYV varieties like Pusa Sawani, Arka Anamika and Parbhdani Kranti are at fruiting stage. Spraying of Neem oil @2.5ml/lit may be done for protection of White fly.
Jute	Vegetative growth		Capsularis varieties like JRE-21, JRC-321, D-154, JRC-7447 and Olitorious varieties like JRO-632, JRO-514, JRO-7835, JRO-878 are at growing stage. Jute requires a warm with temperature from 24-37°C and humidity in the range of 57-97%.
Black gram & green gram	Sowing		Water retentive loamy or heavy soils are preferable for sowing of pulses like black/ green gram. Light irrigation is required as there was no rain in the last 2weeks.
Brinjal	Transplanting		Transplanting of brinjal varieties like Local umroi, Muta kesh, Narrow may be started now. Sowing may be done during afternoon hours when sunlight becomes weak. After sowing watering may be done.
Bottle gourd	Growing		Bottle gourd varieties like Pusa summer, Prolific long, Prolific round, Pusameghdoot @ seed rate of 3-4kgs/ha. Apply 15-20kgs well rotten FYM in pits of size 60cm x 60cm x 60cm and sow seed 4-5seeds in each pit. Regular watering may be done at afternoon hour as there is no rain in previous weeks.



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East Khasi Hill

Weather summery of the previous week

Rainfall: 0.0mm. Max Temp: 20.5-22.7°C, Min Temp: 9.0-14.8°C, Cloud Cover: sky will be partially to mainly cloudy i.e. 1Okta, Max RH: 40-50%, Min RH: 25-35%, Wind Speed: 1-7Kmph and Wind Direction: 180-300Degree.

Weather forecast valid up to 6th April, 2013

The possibility of Rainfall is nil for the next five days. Max Temp: 35.0-37.0°C, Min Temp: 19.0-20.0°C, Cloud Cover: sky will be clear i.e. 1Okta, Max RH: 75-79%, Min RH: 23-26%, Wind Speed: 4-6Kmph, Wind Direction: 95-123Degree.

*Weekly cumulative Rainfall:0mm***Agro-advisories for coming week**

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro rice	Grain hardening		Due to no rain in the previous weeks, water may be applied in the rice plot of <i>Megha rice-1</i> & <i>Megha rice-2</i> otherwise grain may become chaffy.
Kharif maize	Sprouting		Sprouting of kharif maize varieties like Vijay, RCM-76, Local white and yellow, DA-61-A and QPM have started. As there is no rain in previous week, irrigation may be given now. At knee height stage urea @58kg/ha may be applied.
Jute	Sprouting/ seedling		Sprouting of Capsularis varieties like JRE-21, JRC-321, D-154, JRC-7447 and Olitorious varieties like JRO-632, JRO-514, JRO-7835, JRO-878 have started now. For proper growth top dressing of urea may be given after light irrigation. Jute requires a warm with temperature from 24-37°C and humidity in the range of 57-97%.
Bottle gourd	Seedling		Bottle gourd varieties like Pusa summer, Prolific long, Prolific round, Pusa meghdoot are at seedling stage. Weeding, earthing up followed by irrigation may be given. Regular watering may be done at afternoon hour as there is no rain in previous weeks.
Ash gourd	Sowing		Sowing of Local selection variety of Ash gourd may be started with plant to plant 300cm and row to row 300cm spacing. Apply 15-20kgs FYM/pit of size 45cm x 45cm. Sowing of 2-3 seed may given in each pit.
Okra	Growing	White fly	HYV varieties like Pusa Sawani, Arka Anamika, Parbhdani Kranti are at growing stage. Weeding followed by top dressing of 40kg Urea per hectare may be given after irrigation. Spraying of Neem oil @2.5ml/lit may be done for protection of White fly.



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Jaintia Hill

Weather summery of the previous week

Max Temp: 21.0-25.2°C Min Temp: 10.0-15.0°C, Wind Speed: 1-5kmph, Wind Direction: 50-350deg. and Rainfall: 0.0mm

Weather forecast valid up to 6th April, 2013

The possibility of Rainfall is nil for the next five days. Max Temp: 35.0-37.0°C, Min Temp: 17.0-18.0°C, Cloud Cover: sky will be mainly clear i.e. 1Okta, Max RH: 79-88% Min RH: 23-27%, Wind Speed: 2-4Kmph, Wind Direction: 89-142Degree.

Weekly cumulative rainfall :mm

Agro-advisories for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro rice	Grain formation	Blast	As there is no rain since last two weeks, irrigation may be provided at regular interval. If <i>Megha Rice-1</i> , <i>Megha Rice-2</i> varieties is attacked by insect pests like blast etc. farmers may apply Carbendazim @ 1g/lit of water.
Kharif maize	Sprouting/ seedling		Sprouting may be started in kharif maize varieties like Vijay, RCM-76, Local white and yellow, DA-61-A and QPM. Weeding, earthing up followed by light irrigation may be done at regular interval. Top dressing of urea fertilizer @ 58kg/ha for HYV and @43kg/ha for local variety of ,maize may given at knee height stage
Jute	Seedling		Capsularis varieties like JRE-21, JRC-321, D-154, and JRC-7447 and Olitorious varieties like JRO-632, JRO-514, JRO-7835, and JRO-878 are at seedling stage. Due to non availability of previous week's rain, light irrigation may be provided.
Okra	Sowing		Sowing of HYV varieties like Pusa Sawani, Arka Anamika, Parbhdani Kranti may be done.
Bottle gourd	Sprouting		Bottle gourd varieties like Pusa summer, Prolific long, Prolific round, Pusa meghdoot at sprouting and mulching may be provided to reduce evaporation loss from soil. Night temperature of 18-22°C and day temperature of 30-35°C is optimum for growth and high fruit of set.



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Agro Advisory Bulletin for the period 2nd-6th April, 2013**Ri-Bhoi****Weather summary of the previous week**

Rainfall: 0.0mm, Max and min temp varied between 25.5-28.7°C and 12.4-18.7°C respectively. The cloud was partially to mainly cloudy *i.e.* 1.0Okta, The wind speed varies between 2-5kmph, Wind direction: 40-250degree, Max RH: 40-55% and Min RH: 30-40%

Weather forecast valid up to 6th April, 2012

The possibility of Rainfall is nil for next five days. Max and min temp will be varied between 37.0-37.0°C and 18.0-20.0°C respectively. The sky will be mainly clear *i.e.* 2Okta; Relative humidity will be varied between 61-70% and 19-23% in the morning and afternoon respectively. The wind will vary between 4-6kmph. The wind will blow variable direction from 121-160degree.

*Weekly cumulative rainfall:....0mm***Agro-advisories for coming week**

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro rice	Grain hardening		As there is no rain since last two weeks, irrigation may be provided at regular interval in <i>Megha rice-1</i> & <i>Megha rice-2</i> plot.
Kharif maize	Sowing		Sowing may be started for kharif maize varieties like Vijay, RCM-76, Local white and yellow, DA-61-A and QPM. Row to row and plant to plant spacing may be maintained at 60-75cm and 20-25cm respectively. Depth of sowing may be maintained at 7.5-10.0cm.
Jute	Sprouting/Seedling		Sprouting of Capsularis varieties like JRE-21, JRC-321, D-154, and JRC-7447 and Olitorious varieties like JRO-632, JRO-514, JRO-7835, and JRO-878 have started now. Weeding followed by light irrigation may be given now.
Brinjal	Sowing		Sowing of brinjal varieties like Local Umroi, Muta kesh, Narrow may be started now. Sowing may be done during afternoon hour at light sunshine and irrigation may be provided.
Bottle gourd	Seedling		Bottle gourd varieties like Pusa summer, Prolific long, Prolific round, Pusa meghdoot are at seedling stage. Due to non rain in the previous light irrigation may be provided. Mulching may be provided to reduce evaporation loss from soil surface.
Ash gourd	Sowing		Sowing of Local selection variety of Ash gourd may be started with plant to plant 300cm and row to row 300cm spacing. Apply 15-20kgs FYM/pit of size 45cm x 45cm. Sowing of 2-3 seed may be given in each pit.
Turmeric Ginger	Seed bed preparation		Seed bed preparation for sowing of turmeric & ginger during April-May may be initiated now.



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: pulakabha@yahoo.com

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Agro Advisory Bulletin for the period 2nd -6th April, 2013

South Garo Hill

Weather summery of the previous week

Max Temp: 28.3-32.0°C, Min Temp: 18.0-20.2°C, Rainfall: 0.0mm, Wind speed: 1-4kmp, Wind Direction: 40-200degree.

Weather forecast valid up to 6th April, 2013

The possibility of Rainfall is nil for the next five days. Max Temp: 37.0-39.0°C, Min Temp: 20.0-21.0°C, Cloud cover: sky will be mainly clear i.e.1-2Okta, Max RH:74-84%, Min RH: 26-32%, Wind Speed: 7-9Kmph and Wind Direction: 95-110Degree.

Weekly cumulative rainfall :mm

Agro-advisories for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro rice	Grain filling	Blast	Due to no rain in the previous weeks, water may be applied in the rice plot of <i>NEH Megha Rice-1</i> , <i>NEH Megha Rice-2</i> varieties. If plant is attacked by insect pests like blast etc. farmers may apply Carbendazim @ 1g/lit of water.
Wheat	Grain filling		Grain filling may be started in varieties like Sonalika, kalayan sona and Girija. Top dressing urea fertilizer @ 87.5kg per hectare may be given now for proper growth of the crop. Temperature rise may help in developing of fruits.
Kharif maize	Sowing		Sowing of kharif maize varieties like Vijay, RCM-76, Local white and yellow, DA-61-A and QPM may be started. Row to row and plant to plant spacing may be maintained at 60-75cm and 20-25cm respectively. Depth of sowing may be maintained at 7.5-10.0cm.Irrigation may be provided for satisfactory growth of crop.
Black gram & green gram	Sowing		Water retentive loamy or heavy soils are preferable for sowing of Black & green gram.
Ash gourd	Sowing		Sowing of Local selection variety of Ash gourd may be started with plant to plant 300cm and row to row 300cm spacing. Apply 15-20kgs FYM/pit of size 45cm x 45cm. Sowing of 2-3 seed may given in each pit.
Brinjal	Transplanting		Transplanting of brinjal varieties like Local umroi, Muta kesh, Narrow may be started now. Irrigation may be provided as there is no rain since last week.



ORC (AE)/30/97/ Bulletin/Apr'2013/01

Dated: 02/04/2013

Agro Advisory Bulletin for the period 2nd-6th April, 2013**West Garo Hill****Weather summary of the previous week**

Max Temp: 30.0-36.0°C, Min Temp: 15.0-18.0°C,, Wind Speed:1-5kmph, Wind Direction: 100-300deg. and Rainfall: 0.0mm

Weather forecast valid up to 6th April, 2013

The possibility of Rainfall is nil for the next five days. Max Temp: 38.0-41.0°C, Min Temp: 20.0-22.0°C, Cloud cover: sky will be partially cloudy i.e. 3Okta, Max RH: 70-76%, Min RH: 16-27%, Wind Speed: 7-9Kmph and Wind Direction: 98-126Degree.

*Weekly cumulative rainfall :mm***Agro-advisories for coming week**

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro Rice	grain filling		<i>NEH Megha Rice-1, NEH Megha Rice-2</i> varieties are at grain filling stage. Due to no rain in the previous weeks, irrigation may be given in the rice plot. Weeding followed by top dressing of 33kg urea and 21kg MOP per hectare may be applied after irrigation
Jute	Sowing		Sowing of Capsularis varieties like JRE-21, JRC-321, D-154, JRC-7447 and Olitorious varieties like JRO-632,JRO-514, JRO-7835, JRO-878 may be done @seed rate of 6kg/hand 4.5kg/ha respectively. Row to row and plant to plant spacing may be maintained at 25-30cm and 5-7cm respectively.
Brinjal	Transplanting		Transplanting of brinjal varieties like Local umroi, Muta kesh, Narrow may be started now. Irrigation may be provided as there was no rain during last week.
Ash gourd	Sowing		Sowing of Local selection variety of Ash gourd may be started with plant to plant 300cm and row to row 300cm spacing. Apply 15-20kgs FYM/pit of size 45cm x 45cm. Sowing of 2-3 seed may be given in each pit. Warm, humid and tropical climate may help in proper growth of Ash Gourd.
Black gram & green gram	Sowing		Water retentive loamy or heavy soils are preferable for sowing of pulses like black/ green gram. Light irrigation is required as there was no rain in the last 2weeks.
Okra	Sowing		Sowing of HYV varieties like Pusa Sawani, Arka Anamika, Parbhdani Kranti may be done. Sowing may be done during afternoon hour at light sunshine and watering may be done after sowing.



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West Khasi Hill

Weather summery of the previous week

Weather forecast valid up to 6th April, 2013

Max Temp: 22.0-25.5°C, Min Temp: 10.5-12.0°C,
Wind Speed: 2-6kmph, Wind Direction : 40-
250degree, Rainfall: 0.0mm

The possibility of Rainfall is nil for next five days. Max Temp: 37.0-38.0°C, Min Temp: 20.0-21.0°C, Cloud cover: sky will be partially cloudy clear i.e. 3Okta, Max RH: 70-76%, Min RH: 16-27%, Wind Speed: 7-9Kmph and Wind Direction: 98-126Degree.

Weekly cumulative rainfall :0.0mm

Agro-advisories for coming week

Main Crop/ Animal /Fisheries	Stage	Pest/ Diseases	Agricultural advisories
Boro rice	Grain formation		Light irrigation may be given in Megha rice-1 & Megha rice-2 to enrich the moisture in top soil. Top dressing of nitrogenous fertilizer (urea) may be useful for rice. Top dressing of 33kg urea and 21kg MOP per hectare may be applied at grain filling stage.
Kharif maize	Sprouting		Sprouting of kharif maize varieties like Vijay, RCM-76, Local white and yellow, DA-61-A and QPM have started. At knee height stage urea @58kg/ha may be applied. Light irrigation may be provided and mulching may be provided to reduce evaporation loss from soil surface As there is no rain in previous week.
Jute	Sprouting/ seedling		Sprouting of Capsularis varieties like JRE-21, JRC-321, D-154, JRC-7447 and Olitorious varieties like JRO-632, JRO-514, JRO-7835, JRO-878 have started now. For proper growth top dressing of urea may be given after light irrigation. Jute requires a warm with temperature from 24-37 ⁰ C and humidity in the range of 57-97%.
Okra	Growing	White fly	HYV varieties like Pusa Sawani, Arka Anamika, Parbhdani Kranti are at growing stage. Weeding followed by top dressing of 40kg Urea per hectare may be given after irrigation. Spraying of Neem oil @2.5ml/lit may be done for protection of White fly.