



GRAMIN KRISHI MAUSAM SEWA
ICAR Research Complex for NEH Region
Umroi Road, Umiam – 793 103 Meghalaya



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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – WEST GARO HILLS
(Period 23th – 27th April, 2016)

Weather forecast valid up to 27th April, 2016

The possibility of Rainfall is 83.0mm for the next five days. Maximum Temp: 27-28°C, Minimum Temp: 18-19°C, Cloud cover: sky will be mainly cloudy i.e. 2-6 Okta, Maximum RH: 92-94%, Minimum RH: 60-68%, Wind speed: 11-14 Kmph, Wind direction: 70-76 Degree.

Weekly cumulative rainfall : 83.0mm

C & RD BLOCK MAP OF MEGHALAYA

<p align="center">Agro meteorological Advisories for coming 5 days —</p>			
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Boro Rice	Grain filling	Rice Gundhi bug/ stem borer	<ul style="list-style-type: none"> Spray Malathion 5% dust @ 6.25kg/ha for Rice Gandhi bug and Chlorpyrifos @0.02% or Monocrotophos @ 0.04% for stem borer.
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP@ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyrifos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.



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Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season.



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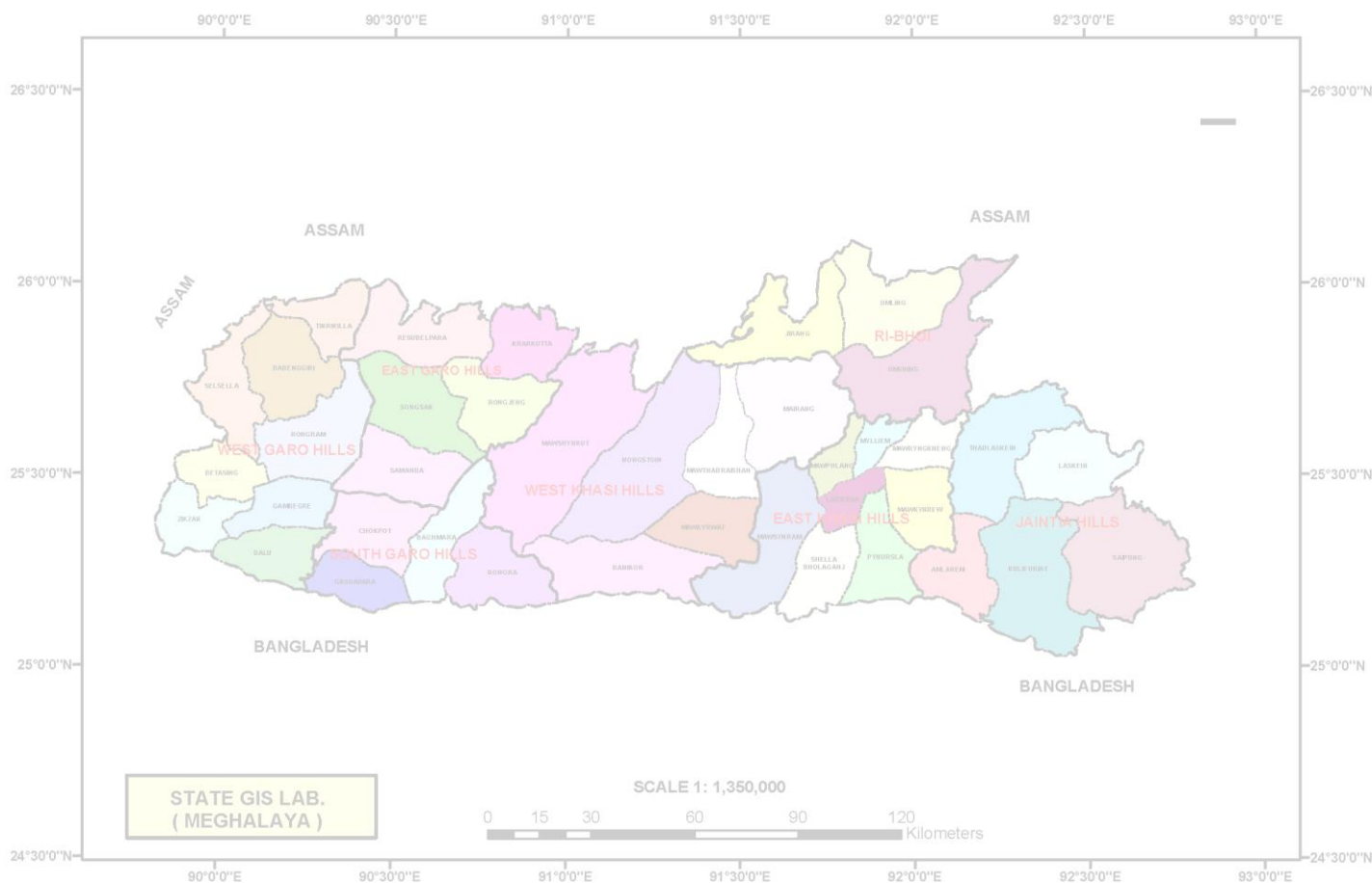
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Cattle & Buffaloes			<ul style="list-style-type: none"> Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Skin infection	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt.
	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.

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





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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – WEST JAINTIA HILLS
(Period 23th – 27th April, 2016)

Weather forecast valid up to 27th April, 2016

The possibility of Rainfall is 50.0mm for the next five days. Maximum Temp: 25-26°C, Minimum Temp: 17-18°C, Cloud cover: sky will be mainly cloudy i.e. 3-6 Okta, Maximum RH: 89-98%, Minimum RH: 59-70%, Wind speed: 4-5 Kmph, Wind direction: 58-94 Degree.

Weekly cumulative rainfall : 50.0mm

C & RD BLOCK MAP OF MEGHALAYA

<p align="center">Agro meteorological Advisories for coming 5 days —</p>			
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP @ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyrifos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.
Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease.



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			<ul style="list-style-type: none"> Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Skin infection	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> Vaccinate 6-9 months old calves with <i>Brucella abortus</i>



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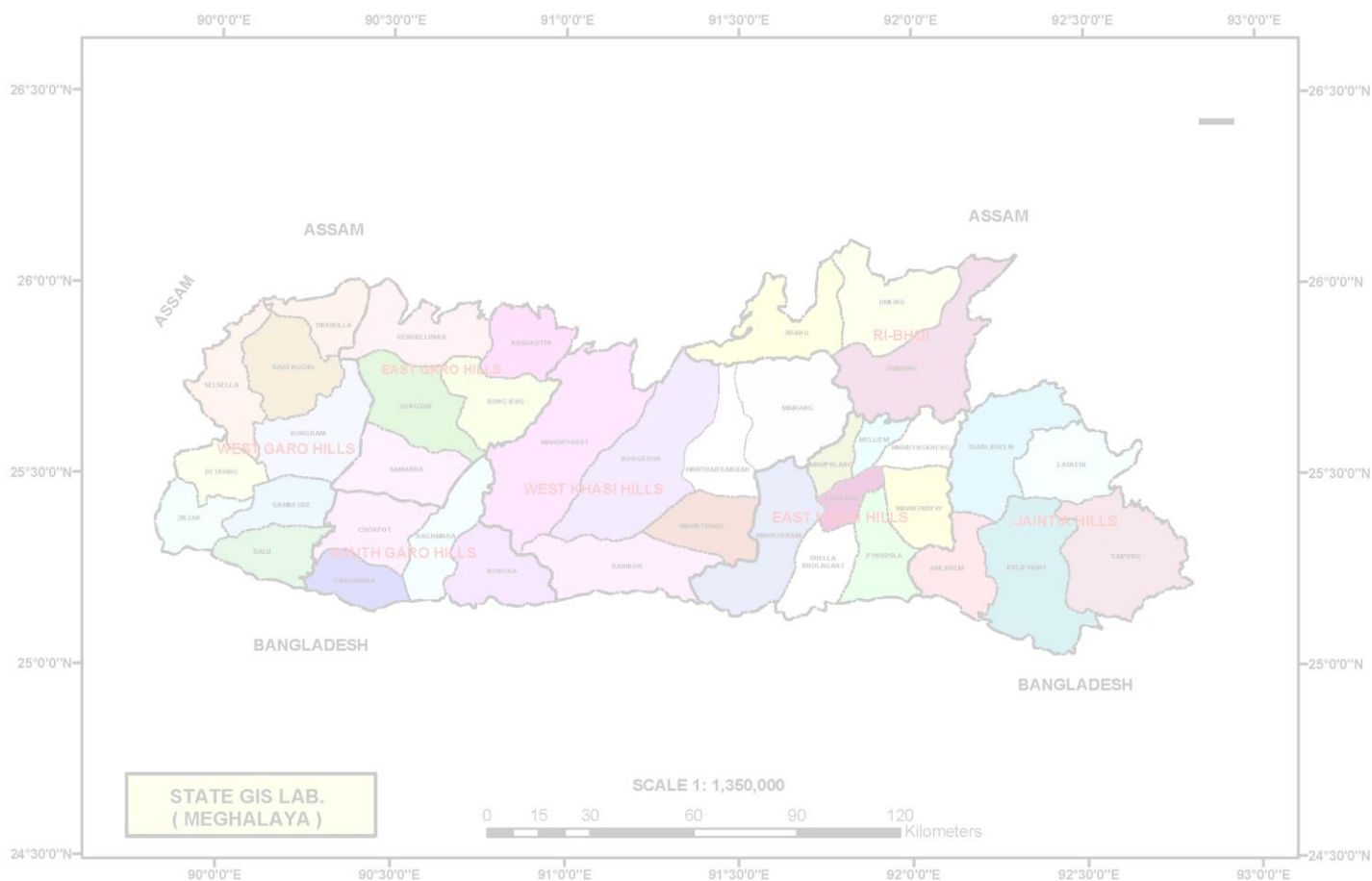


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		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	cotton strain-19 @ 5ml subcutaneous on the neck <ul style="list-style-type: none">Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
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Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.

C & RD BLOCK MAP OF MEGHALAYA





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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – WEST KHASI HILLS
(Period 23th – 27th April, 2016)

Weather forecast valid up to 27th April, 2016

The possibility of Rainfall is 69.0mm for the next five days. Maximum Temp: 27-28°C, Minimum Temp: 16-17°C, Cloud cover: sky will be mainly cloudy i.e. 2-6 Okta, Maximum RH: 91-97%, Minimum RH: 58-75%, Wind speed: 6-9 Kmph, Wind direction: 62-70Degree.

Weekly cumulative rainfall : 69.0mm

C & RD BLOCK MAP OF MEGHALAYA

<p align="center">Agro meteorological Advisories for coming 5 days —</p>			
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP @ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyrifos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.
Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease.



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			<ul style="list-style-type: none"> Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Skin infection	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> Vaccinate 6-9 months old calves with <i>Brucella abortus</i>



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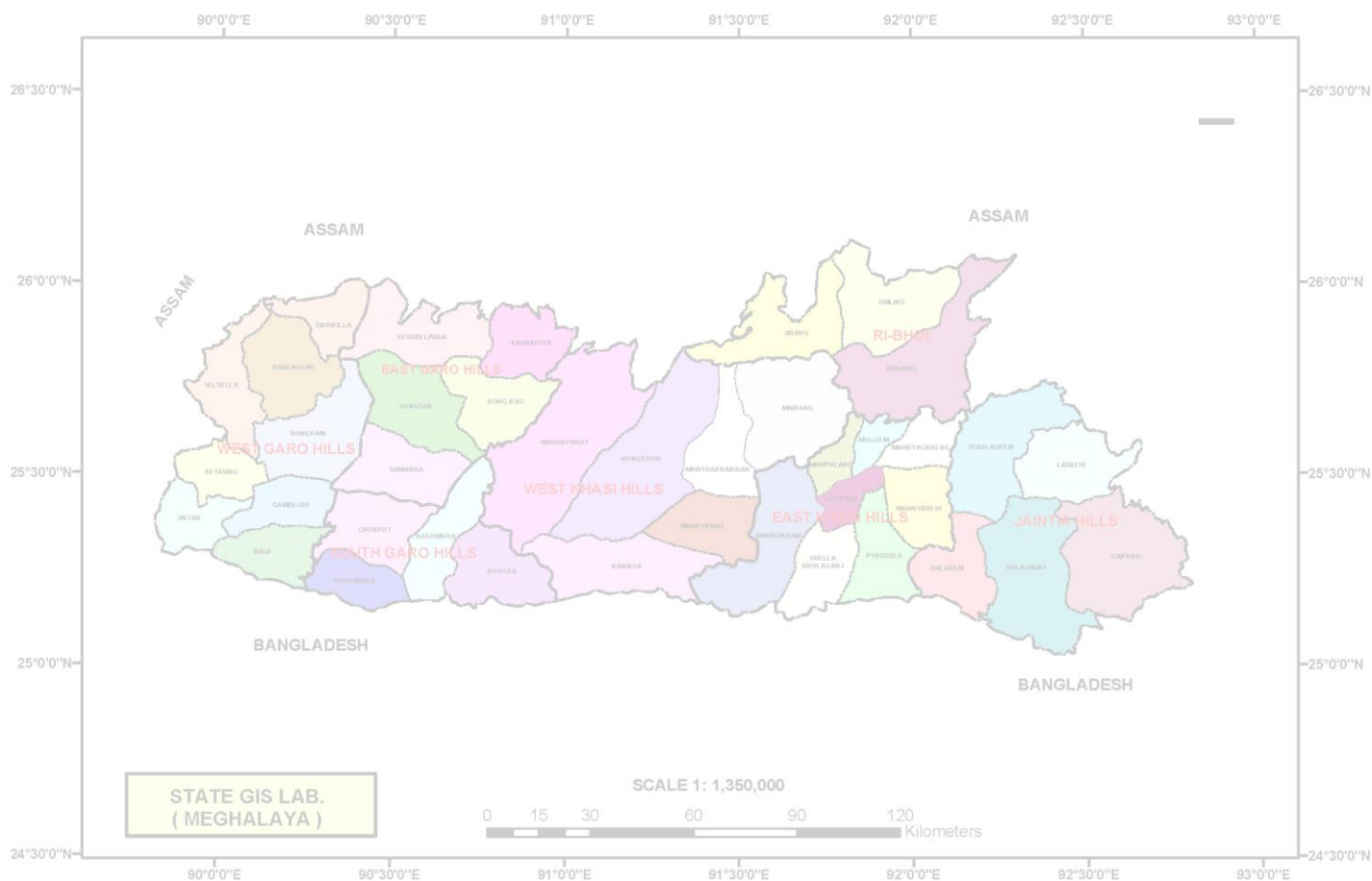


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		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	cotton strain-19 @ 5ml subcutaneous on the neck
			<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.

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

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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – East Garo Hills
(Period 23th – 27th April, 2016)

Weather summery of the past five days

Weather forecast valid up to 27th April, 2016

Sky was partly cloudy with 40.0mm rainfall. Maximum temperatures ranged between 28-30°C and minimum ranged between 22-23.0°C. Relative humidity was 93-96% in morning and 70-75% in evening. Wind speed ranged between 11-12kmph.

The possibility of Rainfall is 73.0mm for the next five days. Maximum Temp: 29-30°C, Minimum Temp: 20-21°C, Cloud cover: sky will be mainly cloudy i.e. 2-6 Oka, Maximum RH: 92-96%, Minimum RH: 59-75%, Wind speed: 8-11Kmph, Wind direction: 63-72Degree.

Weekly cumulative rainfall : 73.0mm

Agro meteorological Advisories for coming 5 days

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Boro Rice	Grain filling ASSAM	Rice Gundhi bug/ stem borer	<ul style="list-style-type: none"> Spray Malathion 5% dust @ 6.25kg/ha for Rice Gandhi bug and Chloropyriphos @0.02% or Monocrotophos @ 0.04% for stem borer.
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP@ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyriphos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.



Tomato	Nursery raising	<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence	<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence	<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin		<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences		
Poultry	All stages	<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.



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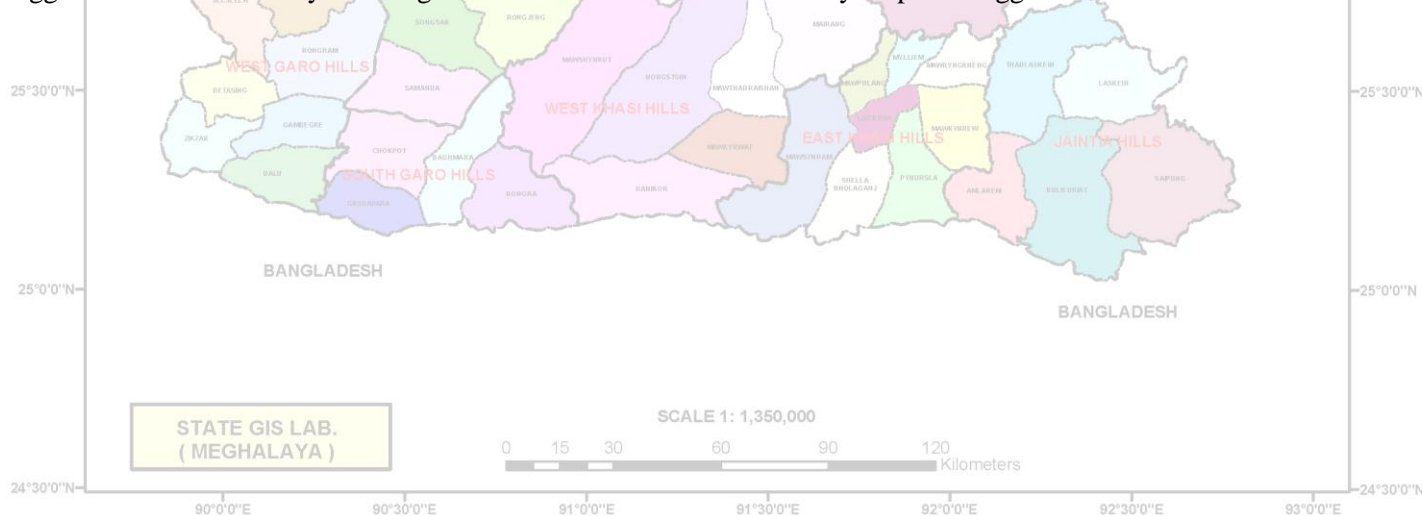
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		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Skin infection	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.

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





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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – EAST JAINTIA HILLS
(Period 23th – 27th April, 2016)

Weather forecast valid up to 27th April, 2016

The possibility of Rainfall is 82.0mm for the next five days. Maximum Temp: 29-31°C, Minimum Temp: 20-21°C, Cloud cover: sky will be mainly cloudy i.e. 3-6Okta, Maximum RH: 90-98%, Minimum RH: 65-82%, Wind speed: 3-5 Kmph, Wind direction: 60-134 Degree.

Weekly cumulative rainfall : 82.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP @ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyrifos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.
Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off



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			<p>disease.</p> <ul style="list-style-type: none"> • Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. • Seed rate: 400 - 500 g/ha seeds are required • After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> • Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. • Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. • Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> • Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> • During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. • Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. • Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> • As the day temperature has increased keep the poultry house well ventilated during day time. • Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. • Litter should be changed periodically and provide clean drinking water and changed the water every day. • Diseased and dead birds should be immediately removed. • Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> • Provide plenty of fresh and clean drinking water. • Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> • Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> • Keep the pig stay/shed dry and clean and avoid dampness during rainy season. • Repair the roof of pig stay to protect from rain. • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. • In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Skin infection	<ul style="list-style-type: none"> • Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> • Vaccinate 6-9 months old calves with <i>Brucella abortus</i>



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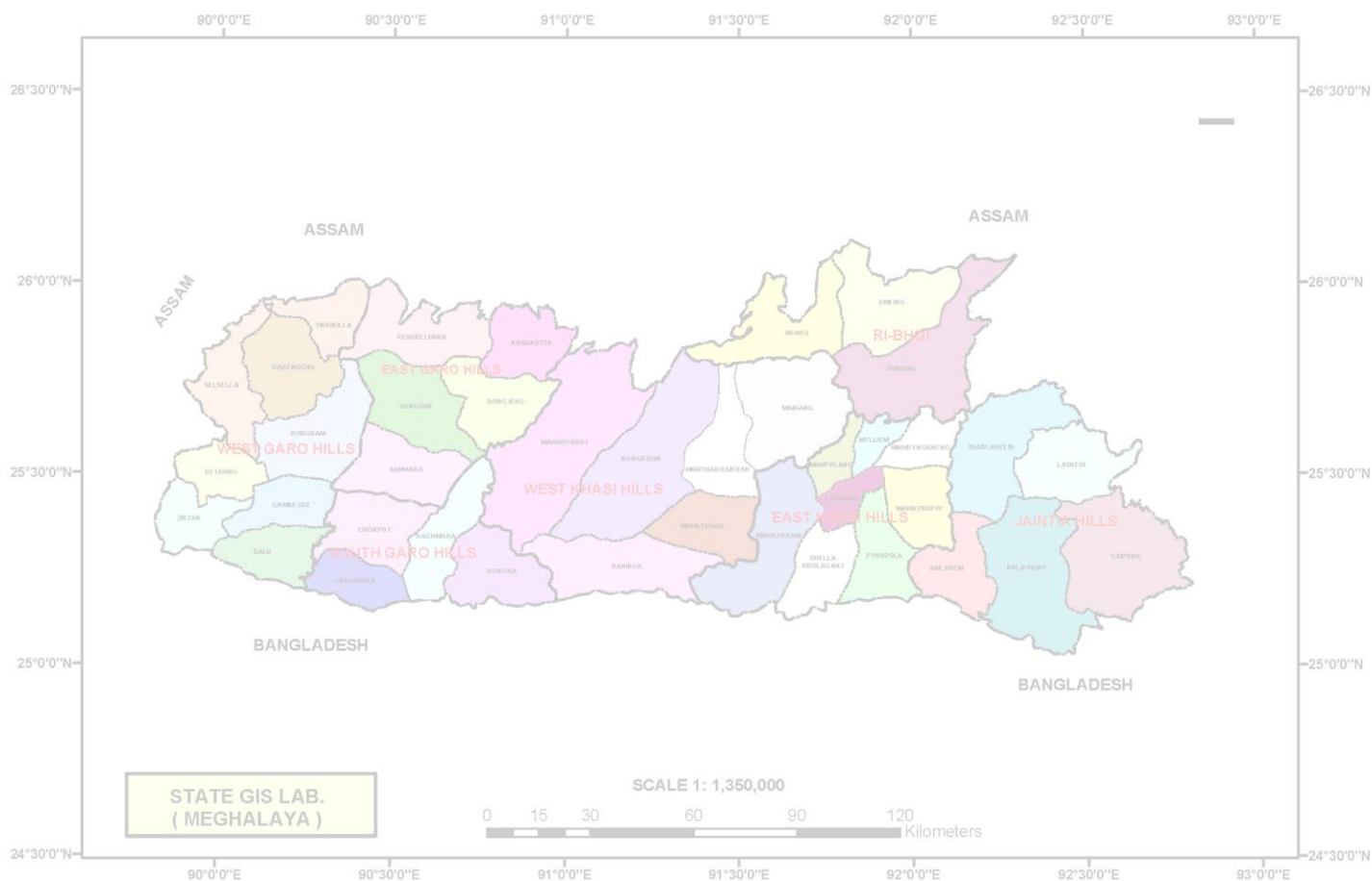


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		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	cotton strain-19 @ 5ml subcutaneous on the neck <ul style="list-style-type: none">Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
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Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.

C & RD BLOCK MAP OF MEGHALAYA





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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – EAST KHASI HILLS
(Period 23th – 27th April, 2016)

Weather forecast valid up to 27th April, 2016

The possibility of Rainfall is 70.0mm for the next five days. Maximum Temp: 27-29°C, Minimum Temp: 17-18°C, Cloud cover: sky will be mainly cloudy i.e. 3-6 Okta, Maximum RH: 87-97%, Minimum RH: 61-76%, Wind speed: 6-7 Kmph, Wind direction: 56-63 Degree.

Weekly cumulative rainfall : 70.0mm

C & RD BLOCK MAP OF MEGHALAYA

<p align="center">Agro meteorological Advisories for coming 5 days —</p>			
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP @ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyrifos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.
Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease.



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			<ul style="list-style-type: none"> Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Skin infection	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> Vaccinate 6-9 months old calves with <i>Brucella abortus</i>



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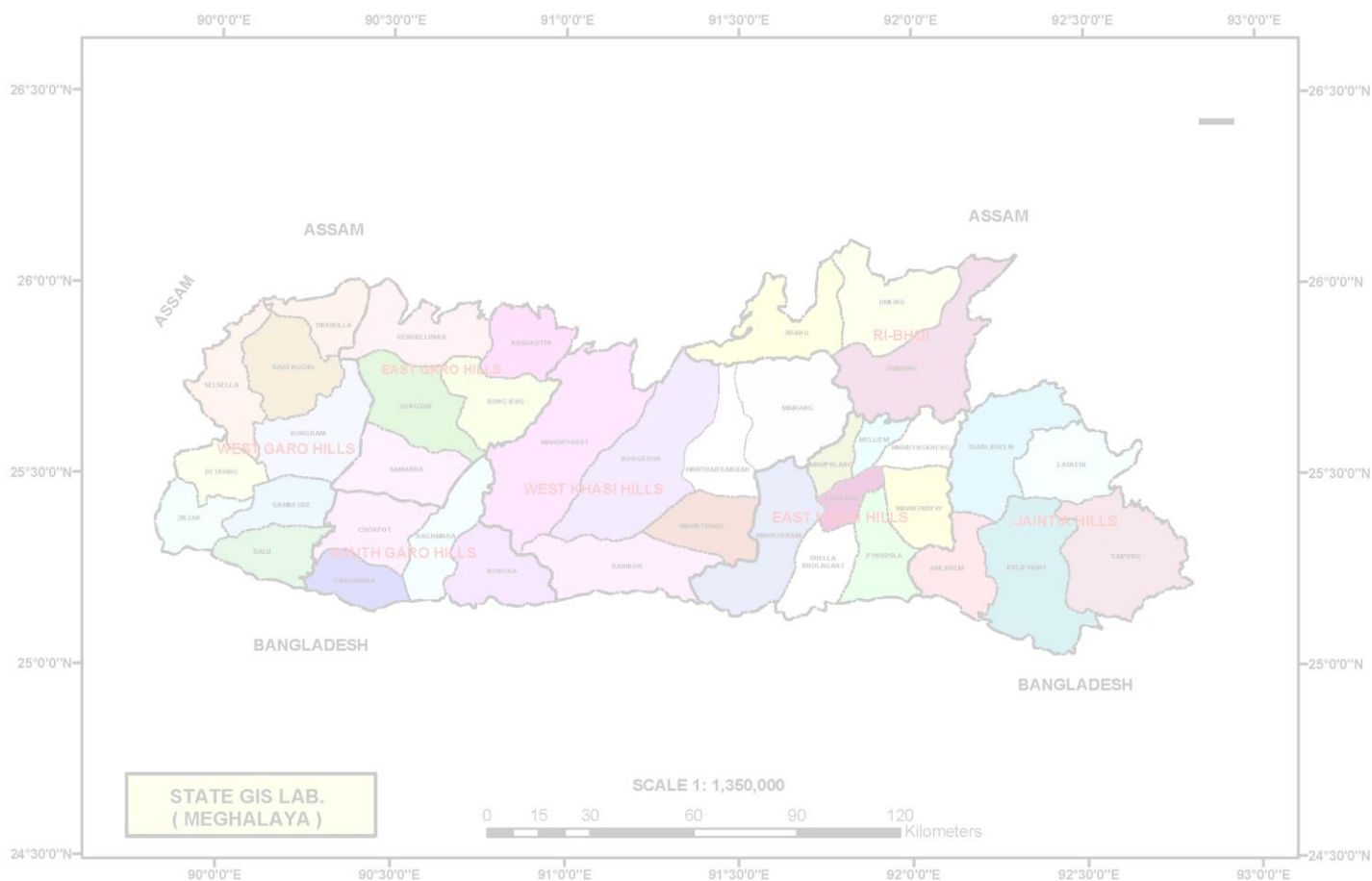


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		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	cotton strain-19 @ 5ml subcutaneous on the neck <ul style="list-style-type: none">Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
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Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.

C & RD BLOCK MAP OF MEGHALAYA





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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – NORTH GARO HILLS
(Period 23th – 27th April, 2016)

Weather forecast valid up to 27th April, 2016

The possibility of Rainfall is 64.0mm for the next five days. Maximum Temp: 28-29°C, Minimum Temp: 18-19°C, Cloud cover: sky will be mainly cloudy i.e. 2-6 Okta, Maximum RH: 92-97%, Minimum RH: 56-77%, Wind speed: 6-9Kmph, Wind direction: 54-64Degree.

Weekly cumulative rainfall : 64.0mm

C & RD BLOCK MAP OF MEGHALAYA

<p align="center">Agro meteorological Advisories for coming 5 days —</p>			
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Boro Rice	Grain filling	Rice Gundhi bug/ stem borer	<ul style="list-style-type: none"> Spray Malathion 5% dust @ 6.25kg/ha for Rice Gandhi bug and Chlorpyrifos @0.02% or Monocrotophos @ 0.04% for stem borer.
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP@ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyrifos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.



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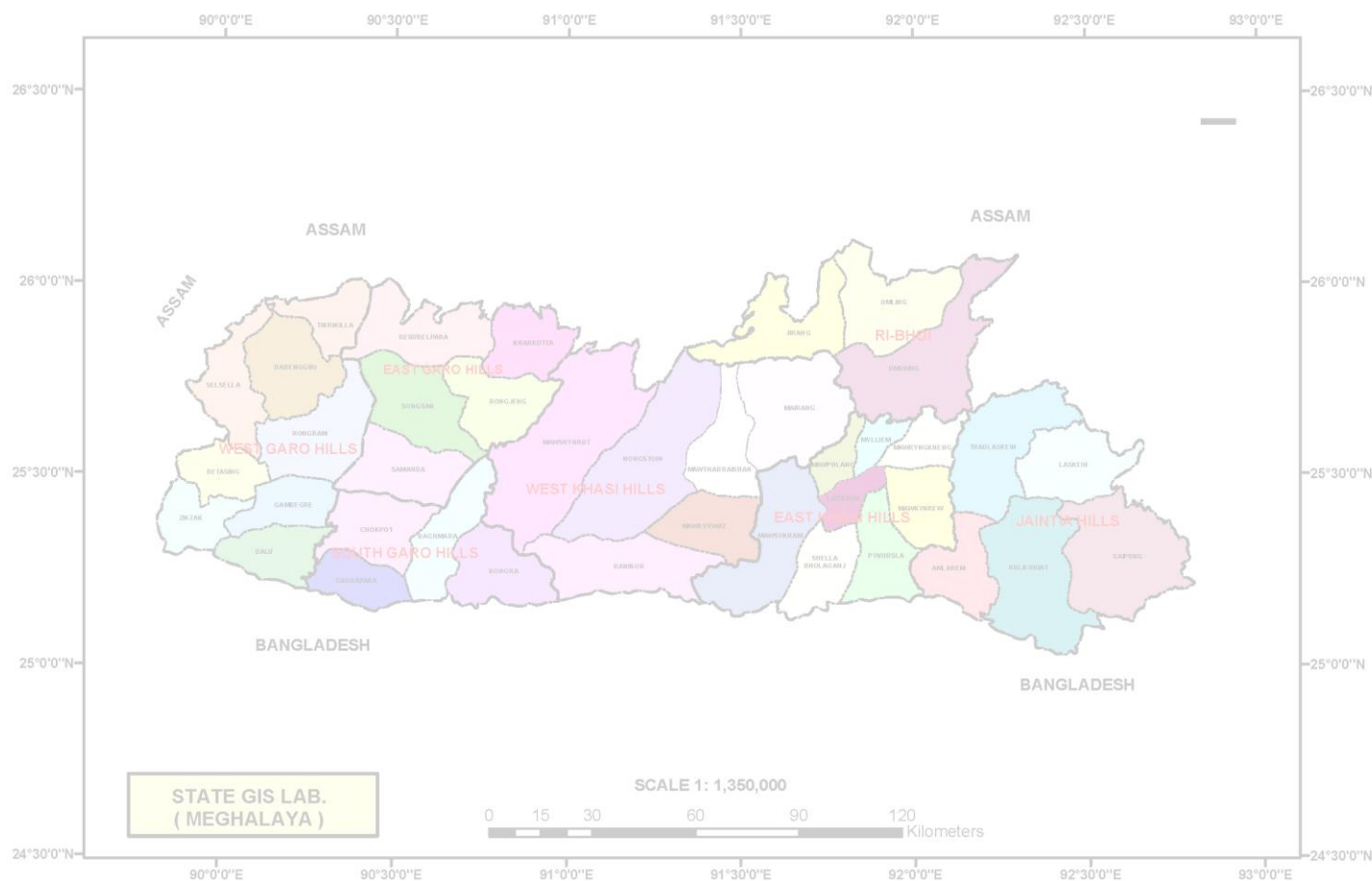


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Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season.

Cattle & Buffaloes			<ul style="list-style-type: none"> Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Skin infection	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt.
	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.

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





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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – Ri-Bhoi
(Period 23th – 27th April, 2016)

Weather summary of the past four days

Weather forecast valid up to 27th April, 2016

Sky was partly cloudy with 59.0mm of rainfall. Maximum temperatures ranged between 27°C and minimum ranged between 18-20°C. Mean relative humidity was 96-97% in morning and 57-67% in evening. Wind speed ranged between 5 kmph.

The possibility of Rainfall is 78.0mm for the next five days. Maximum Temp: 29°C, Minimum Temp: 18-19°C, Cloud cover: sky will be mainly cloudy i.e. 2-6 Okta, Maximum RH: 90-98%, Minimum RH: 50-60%, Wind speed: 3-5 Kmph, Wind direction: 60-93 Degree.

C & RD BLOCK MAP OF MEGHALAYA

Weekly cumulative rainfall : 78.0mm

Agro meteorological Advisories for coming 5 days

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT-109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP@ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyrifos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.
Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid



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			<ul style="list-style-type: none"> damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.



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Umroi Road, Umiam – 793 103 Meghalaya

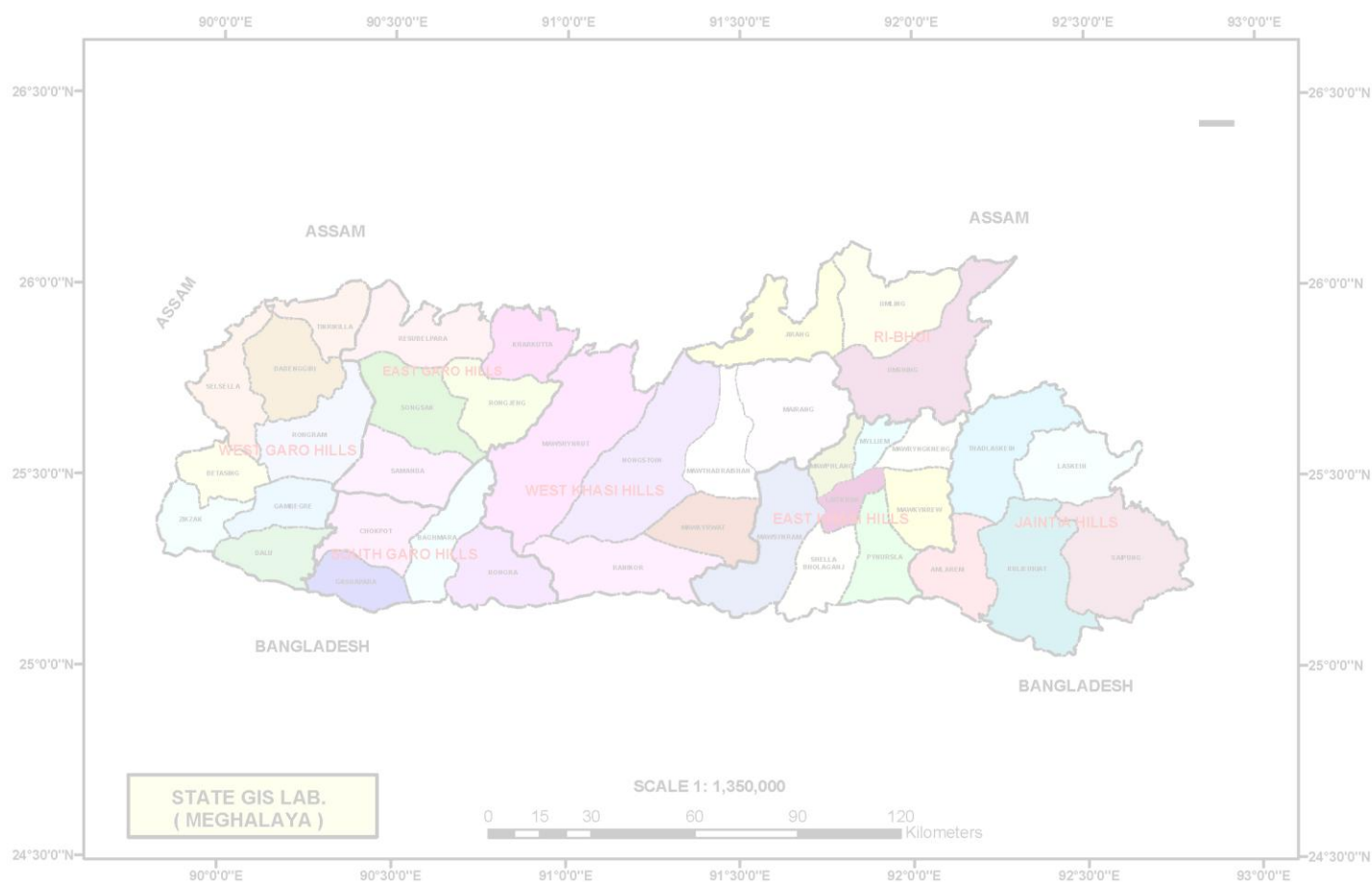


☎: Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: iaasbarapani@yahoo.in

			<ul style="list-style-type: none"> In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Skin infection	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.

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

C & RD BLOCK MAP OF MEGHALAYA





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ICAR Research Complex for NEH Region
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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – SOUTH GARO HILLS
(Period 23th – 27th April, 2016)

Weather forecast valid up to 27th April, 2016

The possibility of Rainfall is 63.0mm for the next five days. Maximum Temp: 28-29°C, Minimum Temp: 18-19°C, Cloud cover: sky will be mainly cloudy i.e. 2-6 Okta, Maximum RH: 9-95%, Minimum RH: 61-72%, Wind speed: 10-13 Kmph, Wind direction: 75-83 Degree.

Weekly cumulative rainfall : 63.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —			
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Boro Rice	Grain filling	Rice Gundhi bug/ stem borer	<ul style="list-style-type: none"> Spray Malathion 5% dust @ 6.25kg/ha for Rice Gandhi bug and Chloropyriphos @0.02% or Monocrotophos @ 0.04% for stem borer.
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP@ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyriphos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.



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Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season.



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ICAR Research Complex for NEH Region

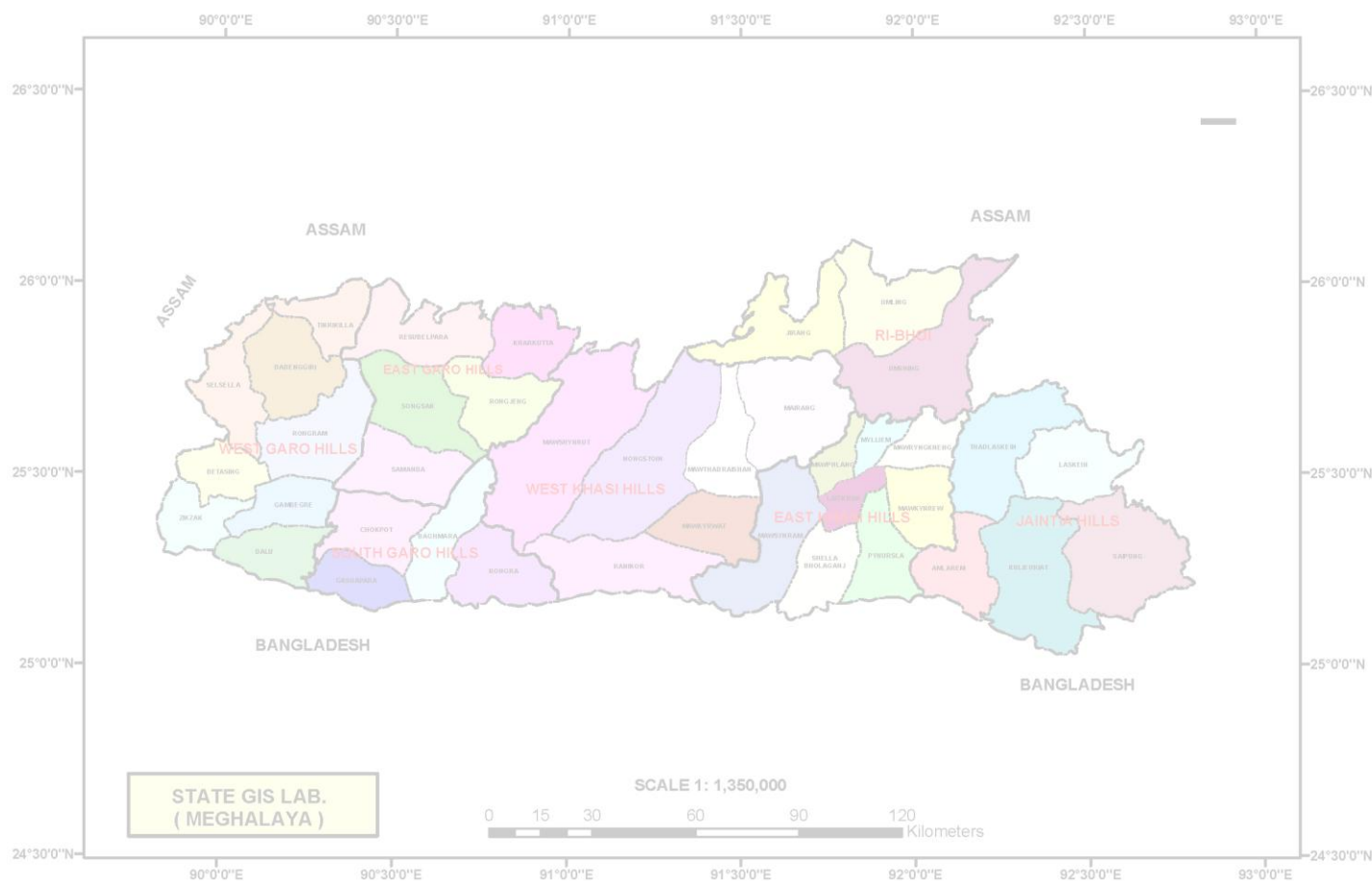
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Cattle & Buffaloes	6-9 months calves	Skin infection	<ul style="list-style-type: none"> Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Brucellosis	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt. Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.

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





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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – SOUTH WEST GARO HILLS
(Period 23th – 27th April, 2016)

Weather forecast valid up to 27th April, 2016

The possibility of Rainfall is 63.0mm for the next five days. Maximum Temp: 28-30°C, Minimum Temp: 20°C, Cloud cover: sky will be mainly cloudy i.e. 1-6 Okta, Maximum RH: 87-91%, Minimum RH: 59-70%, Wind speed: 7-9 Kmph, Wind direction: 57-77 Degree.

Weekly cumulative rainfall : 63.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —			
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Boro Rice	Grain filling	Rice Gundhi bug/ stem borer	<ul style="list-style-type: none"> Spray Malathion 5% dust @ 6.25kg/ha for Rice Gandhi bug and Chloropyriphos @0.02% or Monocrotophos @ 0.04% for stem borer.
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP@ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyriphos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.



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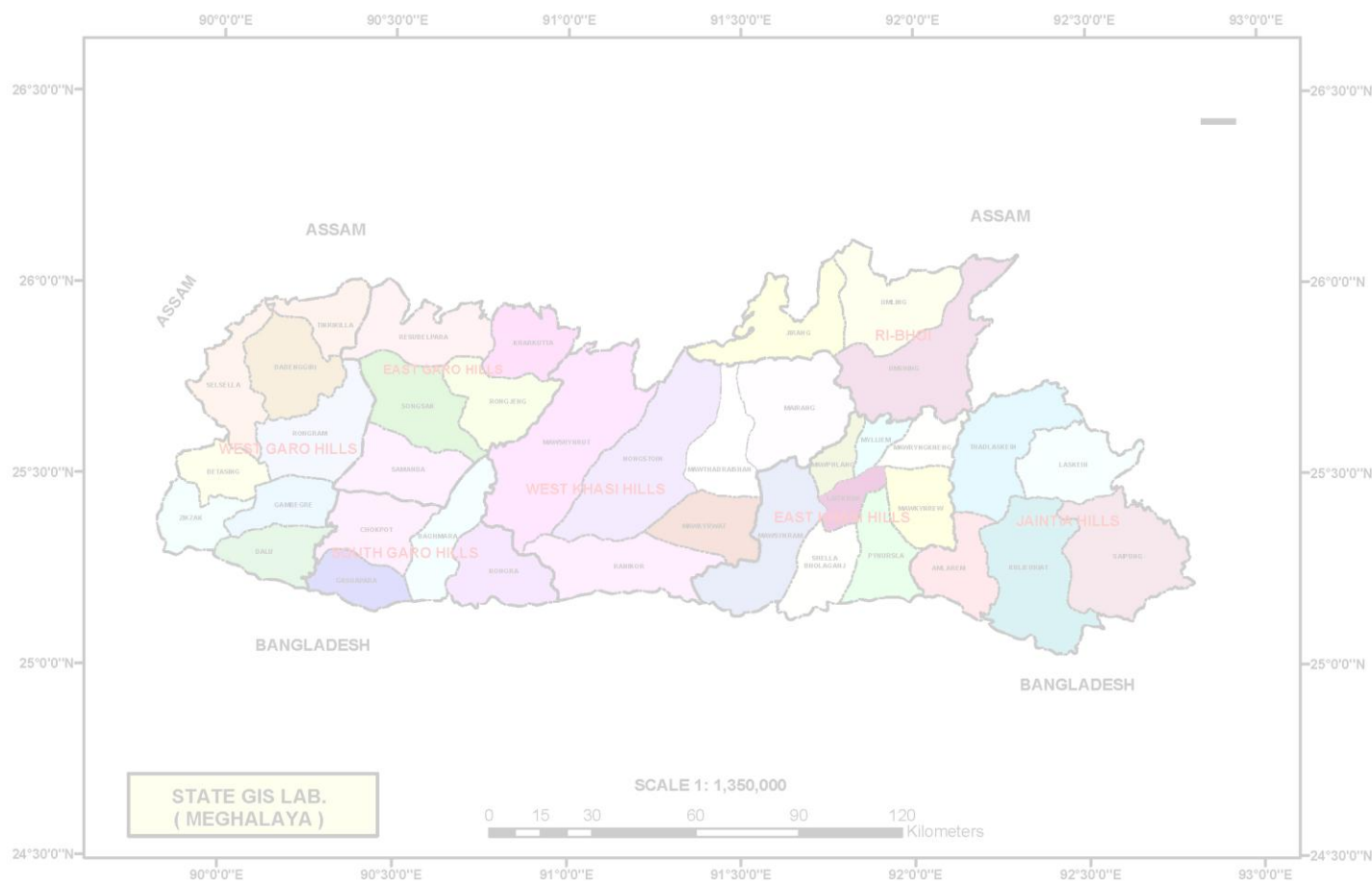


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Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season.

			<ul style="list-style-type: none"> Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
Cattle & Buffaloes	6-9 months calves	Skin infection Brucellosis	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt. Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.

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





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RC (AE)/30/2011/ Bulletin/April'2016/07

Dated: 22/04/2016

Agro Advisory Bulletin – SOUTH WEST KHASI HILLS
(Period 23th – 27th April, 2016)

Weather forecast valid up to 27th April, 2016

The possibility of Rainfall is 69.0mm for the next five days. Maximum Temp: 27-28°C, Minimum Temp: 18°C, Cloud cover: sky will be mainly cloudy i.e. 3-6 Okta, Maximum RH: 90-97%, Minimum RH: 64-80%, Wind speed: 8-11 Kmph, Wind direction: 62-71 Degree.

Weekly cumulative rainfall : 69.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —			
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Jhum Rice	Land preparation to Sowing		<ul style="list-style-type: none"> Undertake sowing of Jhum rice var. like Bhalum 1, 2, 3; IRAT 109, IR 50, etc Before sowing treat the seeds with Bavistin 50 WP @ 2g/l or Mancozeb 2.5 g/l with water for 24hrs to protect from fungal attack. Small quantity of urea @ 30kg/ha may be given at the time of sowing and 30 kg/ha urea as top dressing after 20-25 DAS.
Potato	Tuber initiation (For high altitude Region)		<ul style="list-style-type: none"> Spray chlorpyrifos 20 EC @ 1ml/litre for control of cut worms in potato. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Maize High & Mid altitude Region	Sowing to Emergence		<ul style="list-style-type: none"> Undertake seed treatment with Carbendazim 50% WP @ 2g/ kg or Captan 50% WP @ 2.5g/Kg of seed before sowing to protect from diseases. Sow 2 seeds per hill at a spacing of 60×30 cm followed by thinning at 10 days after germination & retaining one seedling per hill.
Brinjal	Nursery preparation to transplanting		<ul style="list-style-type: none"> Start transplanting of brinjal seedlings. Prepare ridges and furrows at a spacing of 60 cm. Apply 25t/ha FYM during main field preparation. Transplant 30-35 days old seedlings at 60 cm apart on the ridges maintaining a spacing of 60 x 60 cm (Varieties) & 90 x 60 cm Hybrids.
Tomato	Nursery raising		<ul style="list-style-type: none"> Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. <p>Seed treatment</p> <ul style="list-style-type: none"> Seeds should be treated with Tricoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease.



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			<ul style="list-style-type: none"> Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in ½ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
Bottle Gourd	Sowing to emergence		<ul style="list-style-type: none"> Prepare pits of size 60cm x 60cm x 60cm for sowing of bottle gourd & apply 15-20kgs well rotten FYM in each pit. Sow 2-3 seeds of bottle gourd varieties like Pusa Summer, Prolific Long, Prolific Round, Pusa Meghdoot, Pusa Hybrid 2, etc to be planted in each pit. Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses.
Ash Gourd	Sowing to emergence		<ul style="list-style-type: none"> Ash gourd to be planted at plant to plant 3m and row to row 1.5m spacing. Apply 15-20kgs FYM/pit of size 60cm x 60cm. Sowing of 2-3 seed may be sown in each pit.
Khasi Mandarin			<ul style="list-style-type: none"> During Feb/ March month apply lime @ 2-3 kg/tree in alternate year. Apply 350g Urea, 450g SSP & 200g MOP per tree and FYM @ 15-20 kg/tree. Undertake spraying of Bavistin (1g/l) + Monocrotophos (1ml/l)+ Zn sulphate (0.5%)+Mg sulphate (0.2%)+ Cu sulphate (0.4%)+ Mn sulphate(0.4%) on new flushes during March/ April in Khasi Mandarin.
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> As the day temperature has increased keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the drooping of the poultry birds for any diseases symptom.
		Coccidiosis	<ul style="list-style-type: none"> Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	<ul style="list-style-type: none"> Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		<ul style="list-style-type: none"> Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
		Skin infection	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> Vaccinate 6-9 months old calves with <i>Brucella abortus</i>



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		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	cotton strain-19 @ 5ml subcutaneous on the neck <ul style="list-style-type: none">Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
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Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.

C & RD BLOCK MAP OF MEGHALAYA

