



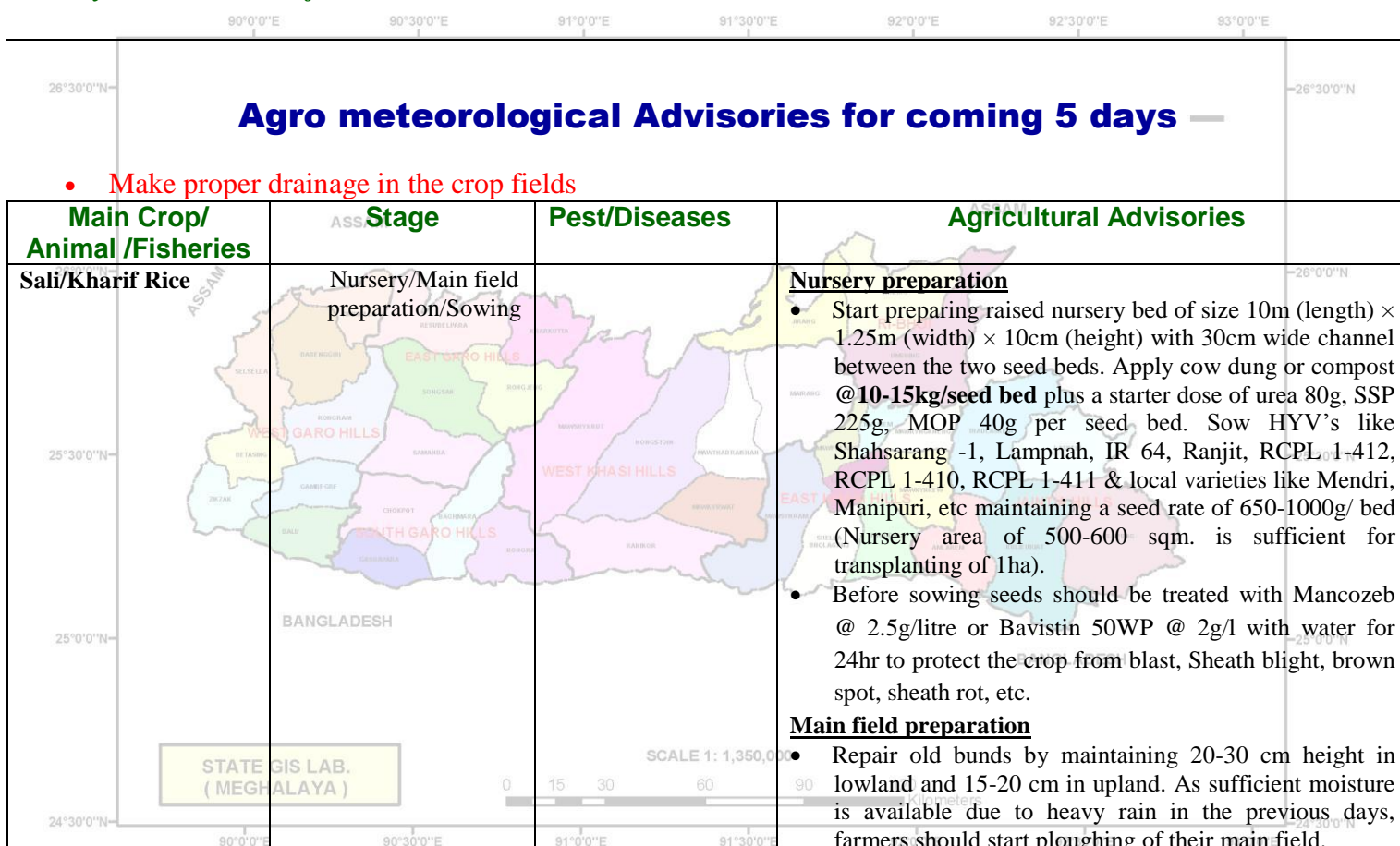
Agro Advisory Bulletin – SOUTH GARO HILLS **(Period 7th – 11th June, 2017)**

Weather forecast valid up to 11th June, 2017

The possibility of Rainfall is 70.0mm for the next five days. Maximum Temp: 29-31°C, Minimum Temp: 21-23°C, Cloud cover: sky will be cloudy i.e. 7-8 Okta, Maximum RH: 92-94%, Minimum RH: 57-63%, Wind speed: 4-5 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall : 70.0mm

C & RD BLOCK MAP OF MEGHALAYA



Agro meteorological Advisories for coming 5 days

- **Make proper drainage in the crop fields**

Main Crop/ Animal /Fisheries	ASS Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing		<p><u>Nursery preparation</u></p> <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @ 10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. <p><u>Main field preparation</u></p> <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. <p><u>Sowing</u></p> <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage		<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture.
		Shoot Fly, Cob borer, Stem borer	<ul style="list-style-type: none"> • If shoot fly incidence occur in maize, apply Furandan 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> • Mulching with locally available materials like straw,



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ICAR Research Complex for NEH Region

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			<p>grasses may be done to reduce evaporation loses.</p> <ul style="list-style-type: none"> Support of bamboo structure for climbing upward may be raised for proper growth. 	
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. 	
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. 	
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out. 	
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. 	
Khasi Mandarin	Fruit Setting		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l) 	
Animal Sciences				
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the droppings 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"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age. 	
			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.



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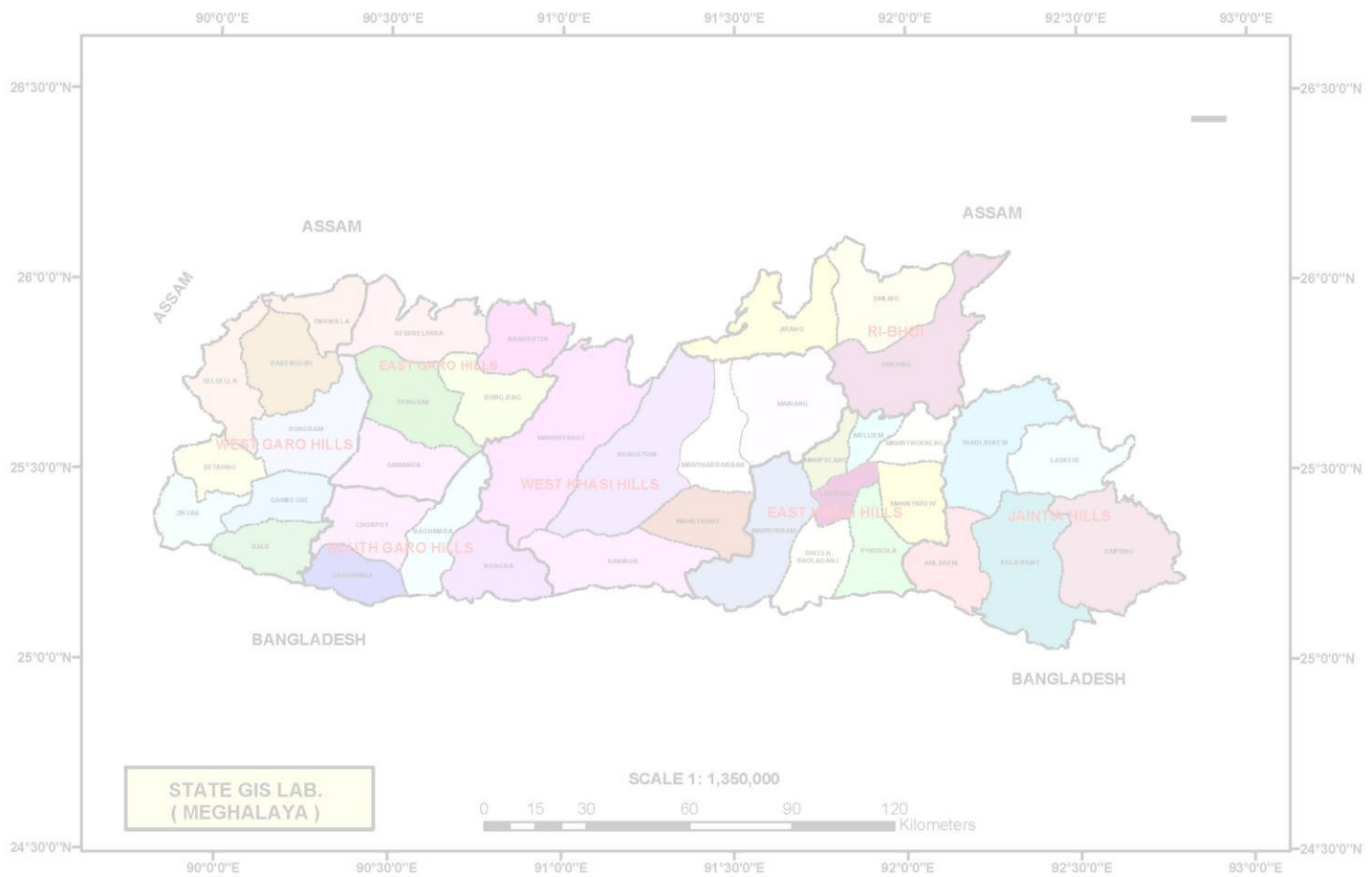


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Fishery			
Common carp	Fry stage/Advance fry		Fry stocking <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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

C & RD BLOCK MAP OF MEGHALAYA





Agro Advisory Bulletin – SOUTH WEST GARO HILLS **(Period 7th – 11th June, 2017)**

Weather forecast valid up to 11th June, 2017

The possibility of Rainfall is 80.0mm for the next five days. Maximum Temp: 30-34°C, Minimum Temp: 22-23°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 88-92%, Minimum RH: 50-66%, Wind speed: 2-4 Kmph, Wind direction: Southeast-South.

Weekly cumulative rainfall : 80.0mm

C & RD BLOCK MAP OF MEGHALAYA

90°0'0"E 90°30'0"E 91°0'0"E 91°30'0"E 92°0'0"E 92°30'0"E 93°0'0"E

Agro meteorological Advisories for coming 5 days

- Make proper drainage in the crop fields

Main Crop/ Animal /Fisheries	ASS Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing		<p>Nursery preparation</p> <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. <p>Main field preparation</p> <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. <p>Sowing</p> <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage		<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture.
		Shoot Fly, Cob borer, Stem borer	<ul style="list-style-type: none"> • If shoot fly incidence occur in maize, apply Furandan 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> • Mulching with locally available materials like straw,



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			<ul style="list-style-type: none"> grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. 	
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. 	
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. 	
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out. 	
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. 	
Khasi Mandarin	Fruit Setting		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l) 	
Animal Sciences				
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the droppings 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"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age. 	
			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.



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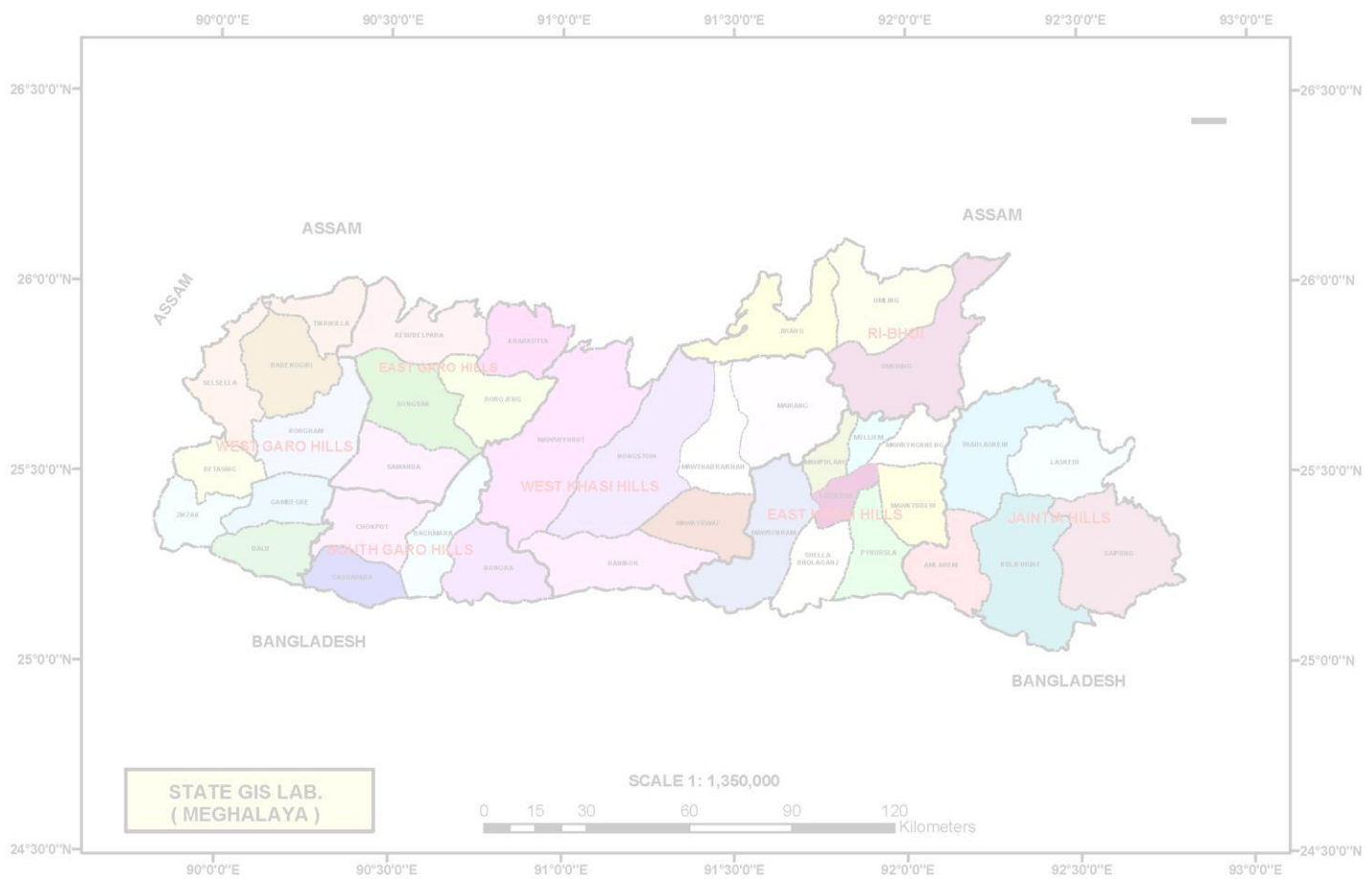


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Fishery			
Common carp	Fry stage/Advance fry		Fry stocking <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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

C & RD BLOCK MAP OF MEGHALAYA





Agro Advisory Bulletin – SOUTH WEST KHASI HILLS **(Period 7th – 11th June, 2017)**

Weather forecast valid up to 11th June, 2017

The possibility of Rainfall is 70.0mm for the next five days. Maximum Temp: 28-30°C, Minimum Temp: 19-22°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 90-93%, Minimum RH: 51-60%, Wind speed: 3-4 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall : 70.0mm

C & RD BLOCK MAP OF MEGHALAYA

90°0'0"E 90°30'0"E 91°0'0"E 91°30'0"E 92°0'0"E 92°30'0"E 93°0'0"E

Agro meteorological Advisories for coming 5 days

- **Make proper drainage in the crop fields**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	ASSAM Nursery/Main field preparation/Sowing		Nursery preparation <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Sowing <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage	Shoot Fly, Cob borer, Stem borer	<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. • If shoot fly incidence occur in maize, apply Furandran 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> • Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses.



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			<ul style="list-style-type: none"> Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses. Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation losses.
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out.
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake.
Spring Potato	Vegetative stage		<ul style="list-style-type: none"> Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight.
Khasi Mandarin	Fruit Setting ASSAM		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the droppings 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"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age.
		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	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes



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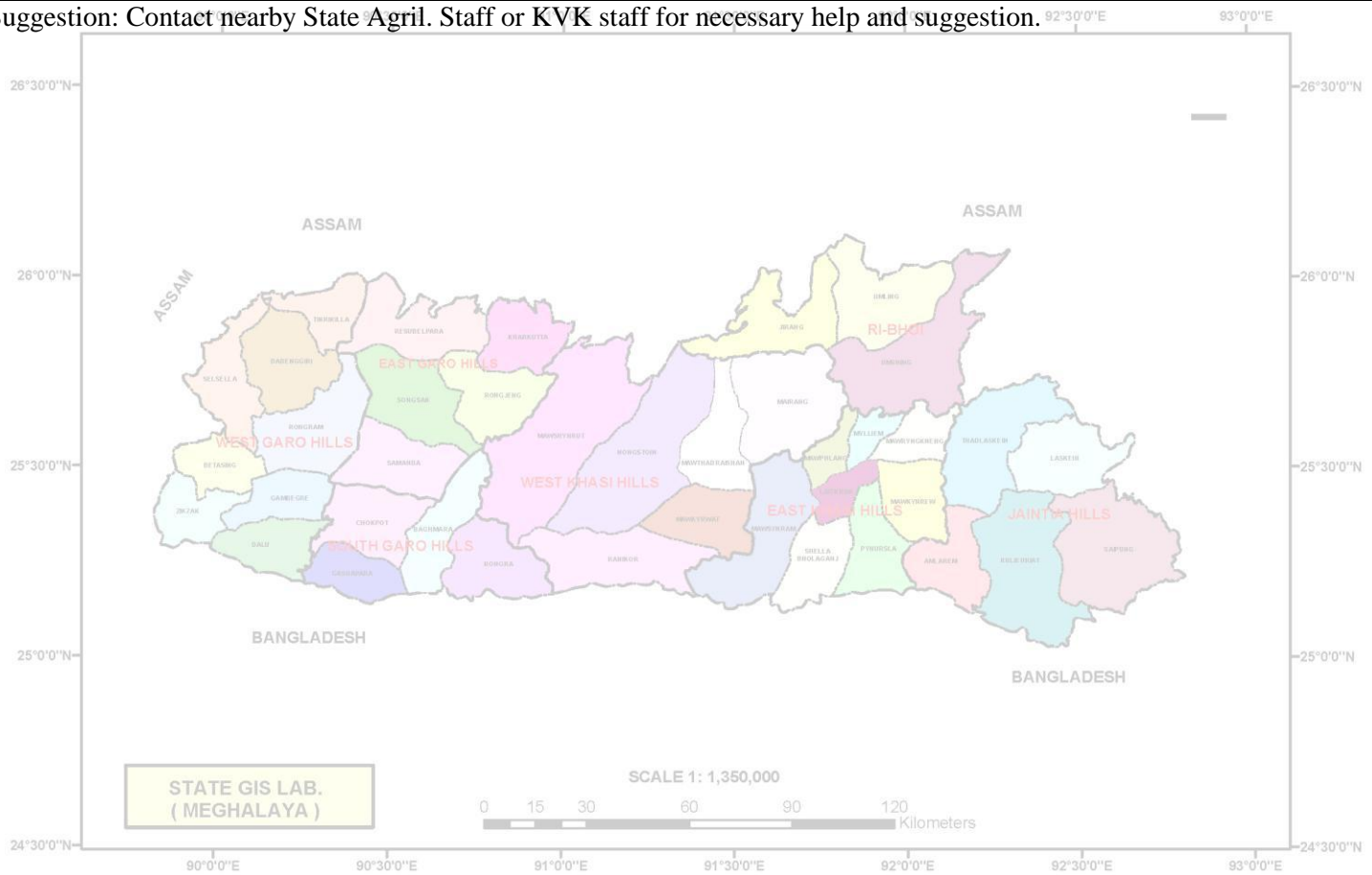
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		Disease, Haemorrhagic Septicaemia, Black Quarter	against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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





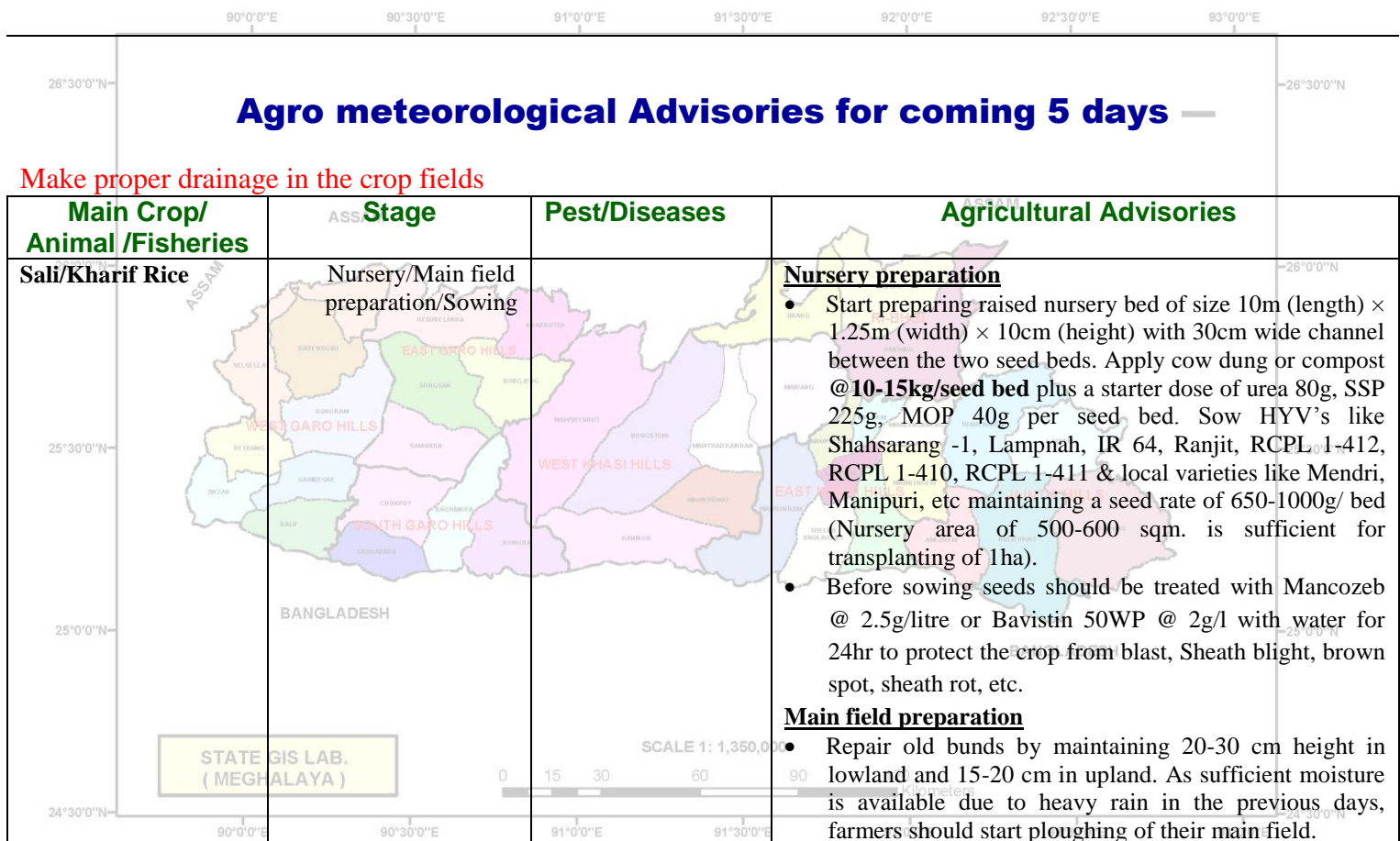
Agro Advisory Bulletin – WEST GARO HILLS
(Period 7th – 11th June, 2017)

Weather forecast valid up to 11th June, 2017

The possibility of Rainfall is 95.0mm for the next five days. Maximum Temp: 29-32°C, Minimum Temp: 21-23°C, Cloud cover: sky will be cloudy i.e. 7-8 Okta, Maximum RH: 92-95%, Minimum RH: 57-63%, Wind speed: 4-6 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall : 95.0mm

C & RD BLOCK MAP OF MEGHALAYA



Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

Main Crop/ Animal /Fisheries	ASS Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing		<p><u>Nursery preparation</u></p> <ul style="list-style-type: none"> Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @ 10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. <p><u>Main field preparation</u></p> <ul style="list-style-type: none"> Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. <p><u>Sowing</u></p> <ul style="list-style-type: none"> Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage	Shoot Fly, Cob borer, Stem borer	<ul style="list-style-type: none"> Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. If shoot fly incidence occur in maize, apply Furandan 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw,



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			<p>grasses may be done to reduce evaporation loses.</p> <ul style="list-style-type: none"> Support of bamboo structure for climbing upward may be raised for proper growth. 	
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. 	
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. 	
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out. 	
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. 	
Khasi Mandarin	Fruit Setting		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l) 	
Animal Sciences				
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the droppings 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"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age. 	
			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. 	



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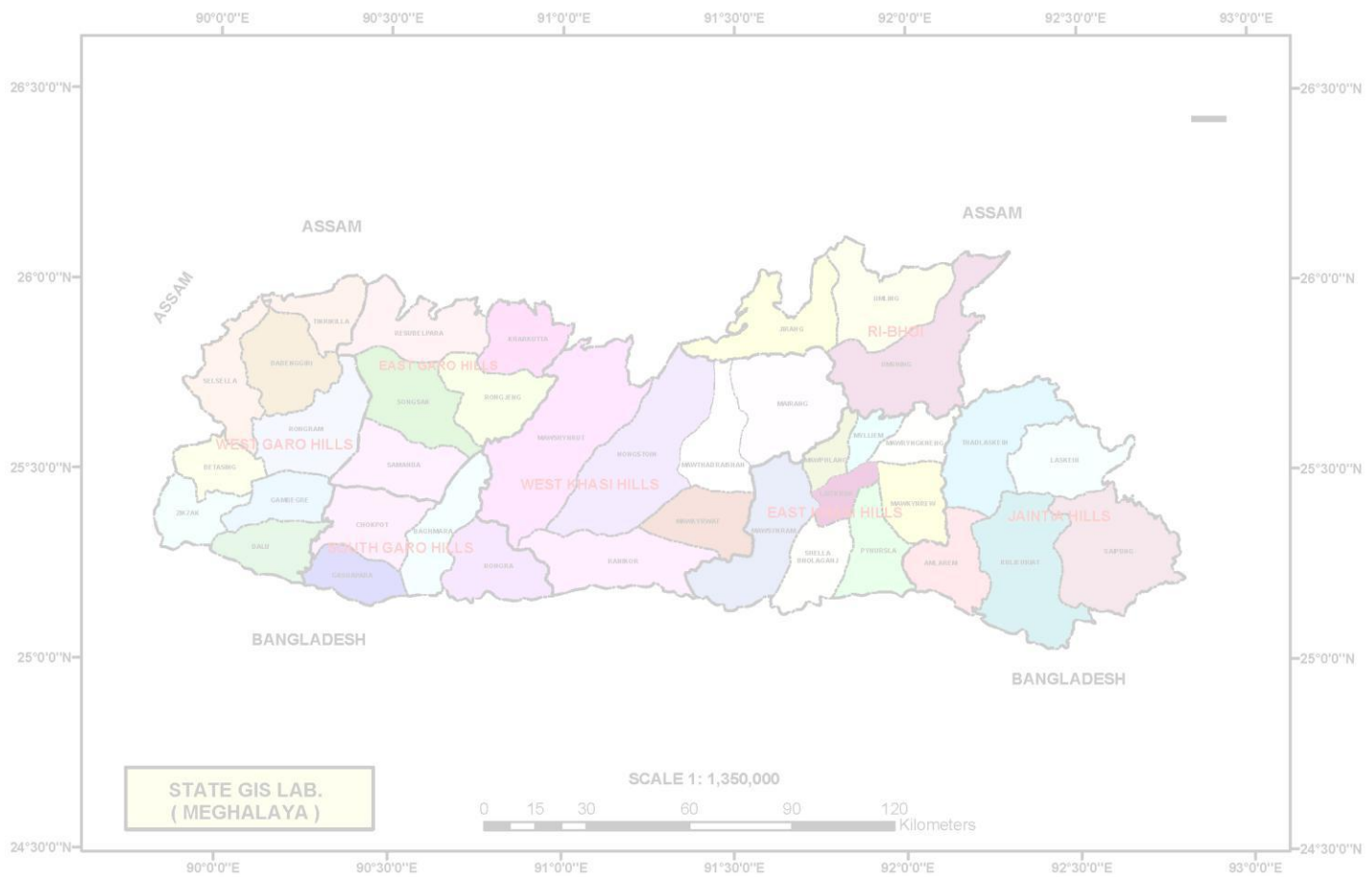


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Fishery			
Common carp	Fry stage/Advance fry		Fry stocking <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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

C & RD BLOCK MAP OF MEGHALAYA





Agro Advisory Bulletin – WEST JAINTIA HILLS **(Period 7th – 11th June, 2017)**

Weather forecast valid up to 11th June, 2017

The possibility of Rainfall is 65.0mm for the next five days. Maximum Temp: 27-29°C, Minimum Temp: 17-19°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 90-92%, Minimum RH: 48-57%, Wind speed: 2-3 Kmph, Wind direction: Southeast-South.

Weekly cumulative rainfall : 65.0mm

C & RD BLOCK MAP OF MEGHALAYA

90°0'0"E 90°30'0"E 91°0'0"E 91°30'0"E 92°0'0"E 92°30'0"E 93°0'0"E

Agro meteorological Advisories for coming 5 days

- **Make proper drainage in the crop fields**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	ASSAM Nursery/Main field preparation/Sowing		Nursery preparation <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Sowing <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage	Shoot Fly, Cob borer, Stem borer	<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. • If shoot fly incidence occur in maize, apply Furandran 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> • Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses.



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			<ul style="list-style-type: none"> Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses. Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation losses.
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out.
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake.
Spring Potato	Vegetative stage		<ul style="list-style-type: none"> Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight.
Khasi Mandarin	Fruit Setting ASSAM		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the droppings 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"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age.
		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	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes



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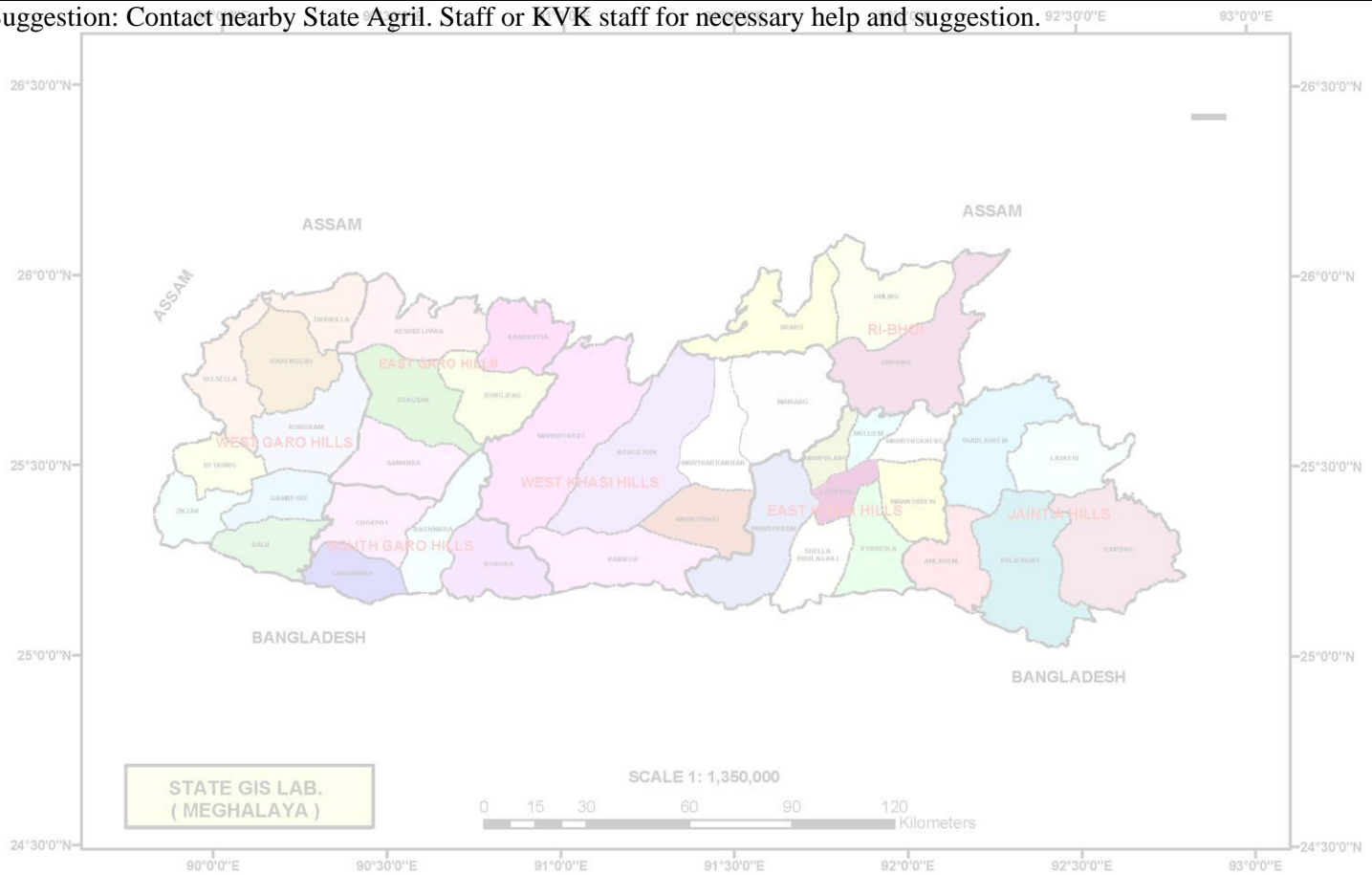
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		Disease, Haemorrhagic Septicaemia, Black Quarter	against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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





Agro Advisory Bulletin – WEST KHASI HILLS **(Period 7th – 11th June, 2017)**

Weather forecast valid up to 11th June, 2017

The possibility of Rainfall is 76.0mm for the next five days. Maximum Temp: 26-28°C, Minimum Temp: 15-17°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 89-95%, Minimum RH: 49-63%, Wind speed: 2-4 Kmph, Wind direction: Southeast-South.

Weekly cumulative rainfall : 76.0mm

C & RD BLOCK MAP OF MEGHALAYA

90°0'0"E 90°30'0"E 91°0'0"E 91°30'0"E 92°0'0"E 92°30'0"E 93°0'0"E

Agro meteorological Advisories for coming 5 days

- **Make proper drainage in the crop fields**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	ASSAM Nursery/Main field preparation/Sowing		Nursery preparation <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Sowing <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage	Shoot Fly, Cob borer, Stem borer	<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. • If shoot fly incidence occur in maize, apply Furandran 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> • Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses.



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			<ul style="list-style-type: none"> Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses. Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation losses.
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out.
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake.
Spring Potato	Vegetative stage		<ul style="list-style-type: none"> Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight.
Khasi Mandarin	Fruit Setting		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings 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"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age.
Cattle & Buffaloes	6-9 months calves	Skin infection	<ul style="list-style-type: none"> Provide Ivermectin (Injection) @ 10mg/33kg body wt.
		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	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes



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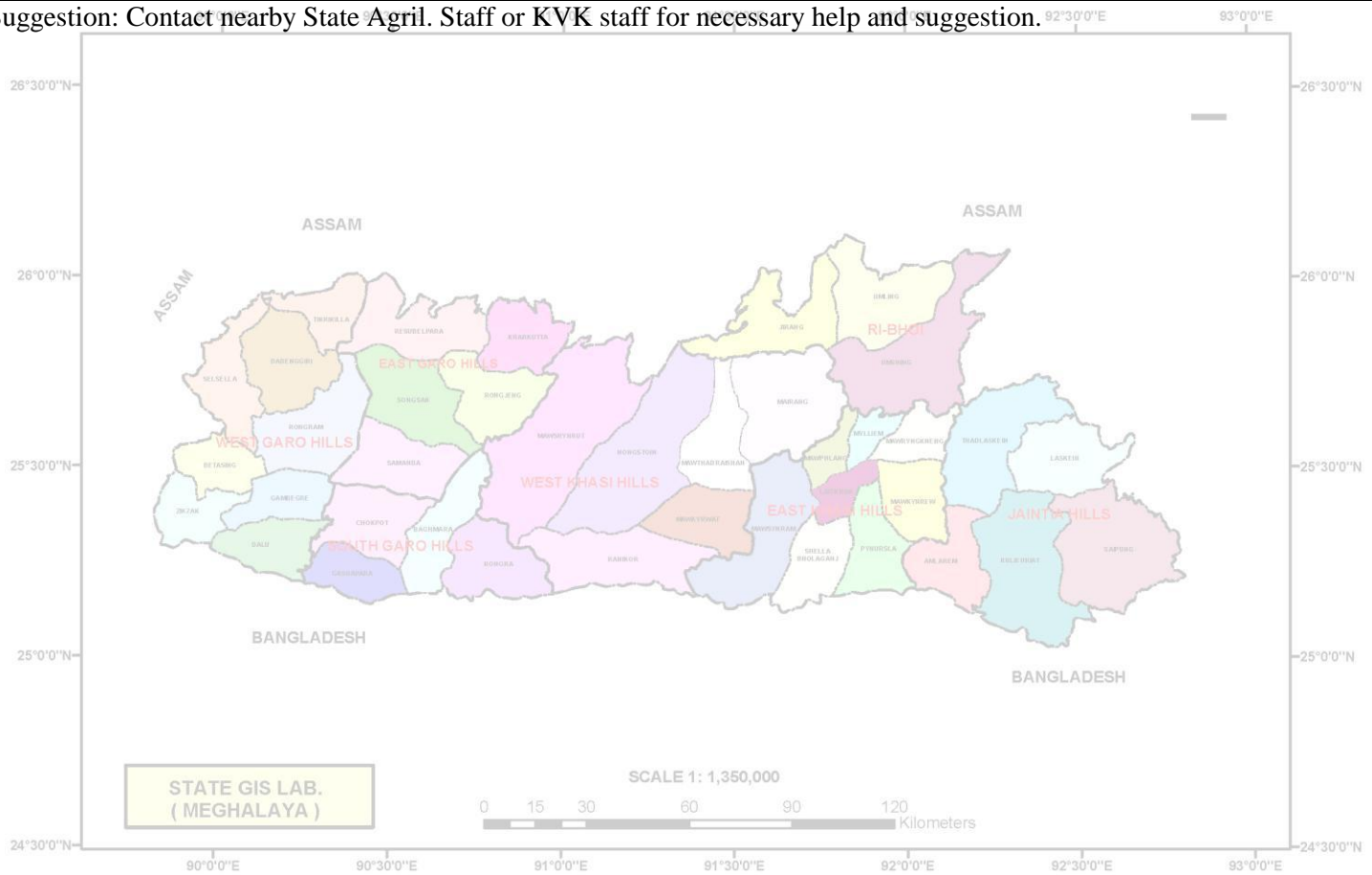
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		Disease, Haemorrhagic Septicaemia, Black Quarter	against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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





Agro Advisory Bulletin – East Garo Hills **(Period 7th – 11th June, 2017)**

Weather summary of the past five days

Weather forecast valid up to 11th June, 2017

Sky was partly cloudy with 25.0mm rainfall. Maximum temperatures ranged between 28-31°C and minimum ranged between 19-22°C. Relative humidity was 94-98% in morning and 65-75% in evening. Wind speed ranged between: 5-6kmph.

The possibility of Rainfall is 77.0mm for the next five days. Maximum Temp: 29-31°C, Minimum Temp: 20-23°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 90-95%, Minimum RH: 52-64%, Wind speed: 3-4 Kmph, Wind direction: Southeast-South.

C & RD BLOCK MAP OF MEGHALAYA

Weekly cumulative rainfall : 77.0mm

Agro meteorological Advisories for coming 5 days

- Make proper drainage in the crop fields

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing		<p><u>Nursery preparation</u></p> <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @ 10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shagsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. <p><u>Main field preparation</u></p> <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. <p><u>Sowing</u></p> <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage		<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided



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			<p>in between the rows to reduce evaporation loses of moisture.</p> <ul style="list-style-type: none"> • If shoot fly incidence occur in maize, apply Furandian 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> • Shoot Fly, Cob borer, Stem borer • Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. • Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> • Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. • Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> • Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> • Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. • Weeding operation may be carried out.
Tomato	Vegetative stage		<ul style="list-style-type: none"> • Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. • Stake the plants with 1m tall stake.
Khasi Mandarin	Fruit Setting		<ul style="list-style-type: none"> • Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. • Management of fruit drop: Spray²⁵ 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> • Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. • Provide vitamin B complex @ 7ml/litre, in drinking water daily in broiler for healthy growth. • Litter should be change periodically and provide clean drinking water and changed the water every day. • Diseased and dead birds should be immediately removed. • Regularly inspect the droppings 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"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed



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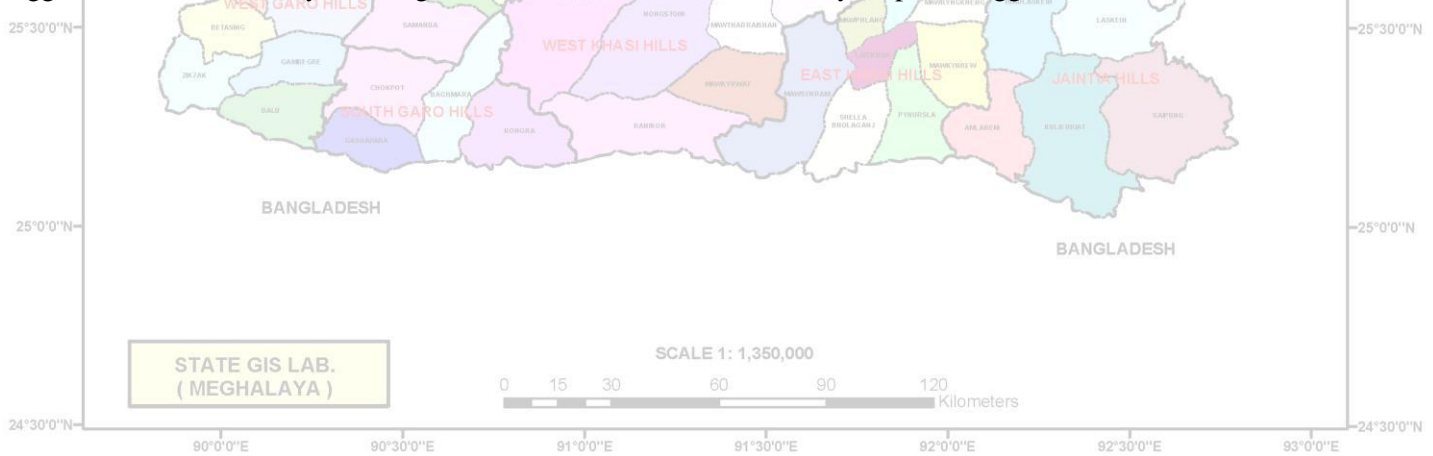
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			<p>by annual booster dose.</p> <ul style="list-style-type: none"> In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age.
		Skin infection	<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.

Fishery

Common carp	Fry stage/Advance fry		<p style="text-align: center;">Fry stocking</p> <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		<p style="text-align: center;">Brood stock maintenance</p> <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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





Agro Advisory Bulletin – EAST JAINTIA HILLS
(Period 7th – 11th June, 2017)

Weather forecast valid up to 11th June, 2017

The possibility of Rainfall is 47.0mm for the next five days. Maximum Temp: 27-29°C, Minimum Temp: 17-18°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 91-94%, Minimum RH: 51-60%, Wind speed: 2-3 Kmph, Wind direction: Southeast-South.

Weekly cumulative rainfall : 47.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

- **Make proper drainage in the crop fields**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing		<p><u>Nursery preparation</u></p> <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @ 10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc.
			<p><u>Main field preparation</u></p> <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. <p><u>Sowing</u></p> <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage	<p>Shoot Fly, Cob borer, Stem borer</p>	<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture.
			<ul style="list-style-type: none"> • If shoot fly incidence occur in maize, apply Furandian 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> • Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses.



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			<ul style="list-style-type: none"> Support of bamboo structure for climbing upward may be raised for proper growth. 	
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses. Support of bamboo structure for climbing upward may be raised for proper growth. 	
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation losses. 	
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out. 	
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. 	
Spring Potato	Vegetative stage		<ul style="list-style-type: none"> Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight. 	
Khasi Mandarin	Fruit Setting ASSAM		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l) 	
Animal Sciences				
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the droppings 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"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age. 	
		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	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes 	



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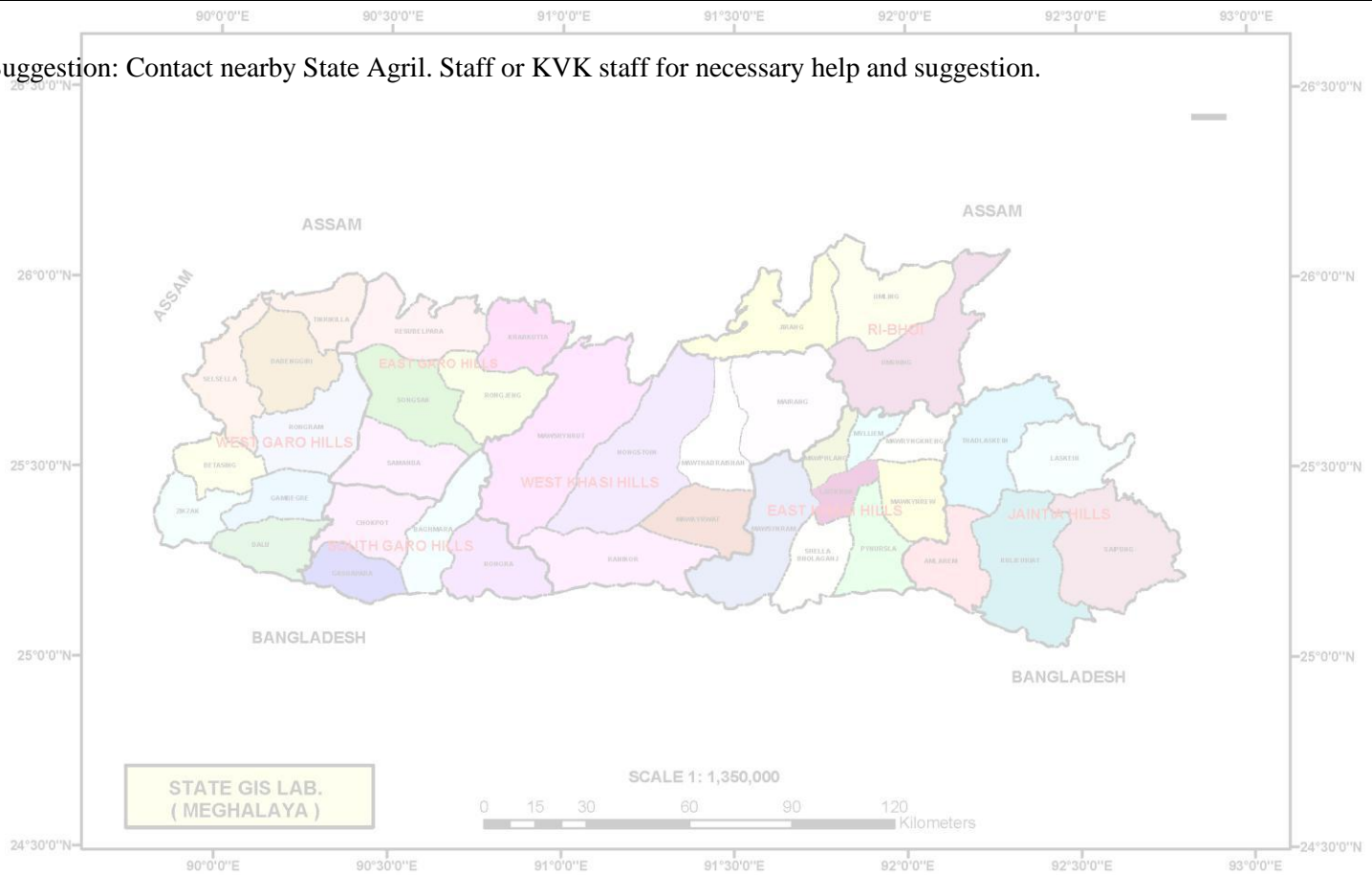
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		Disease, Haemorrhagic Septicaemia, Black Quarter	against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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





Agro Advisory Bulletin – EAST KHASI HILLS
(Period 7th – 11th June, 2017)

Weather forecast valid up to 11th June, 2017

The possibility of Rainfall is 73.0mm for the next five days. Maximum Temp: 25-27°C, Minimum Temp: 15-16°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 88-92%, Minimum RH: 49-59%, Wind speed: 2-4 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall : 73.0mm

C & RD BLOCK MAP OF MEGHALAYA

90°0'0"E 90°30'0"E 91°0'0"E 91°30'0"E 92°0'0"E 92°30'0"E 93°0'0"E

Agro meteorological Advisories for coming 5 days

- **Make proper drainage in the crop fields**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing		<p>Nursery preparation</p> <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shansarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. <p>Main field preparation</p> <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. <p>Sowing</p> <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage	Shoot Fly, Cob borer, Stem borer	<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. • If shoot fly incidence occur in maize, apply Furandan 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> • Mulching with locally available materials like straw,



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			<ul style="list-style-type: none"> grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out.
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake.
Spring Potato	Vegetative stage		<ul style="list-style-type: none"> Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight.
Khasi Mandarin	Fruit Setting		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the droppings 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"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age.
		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



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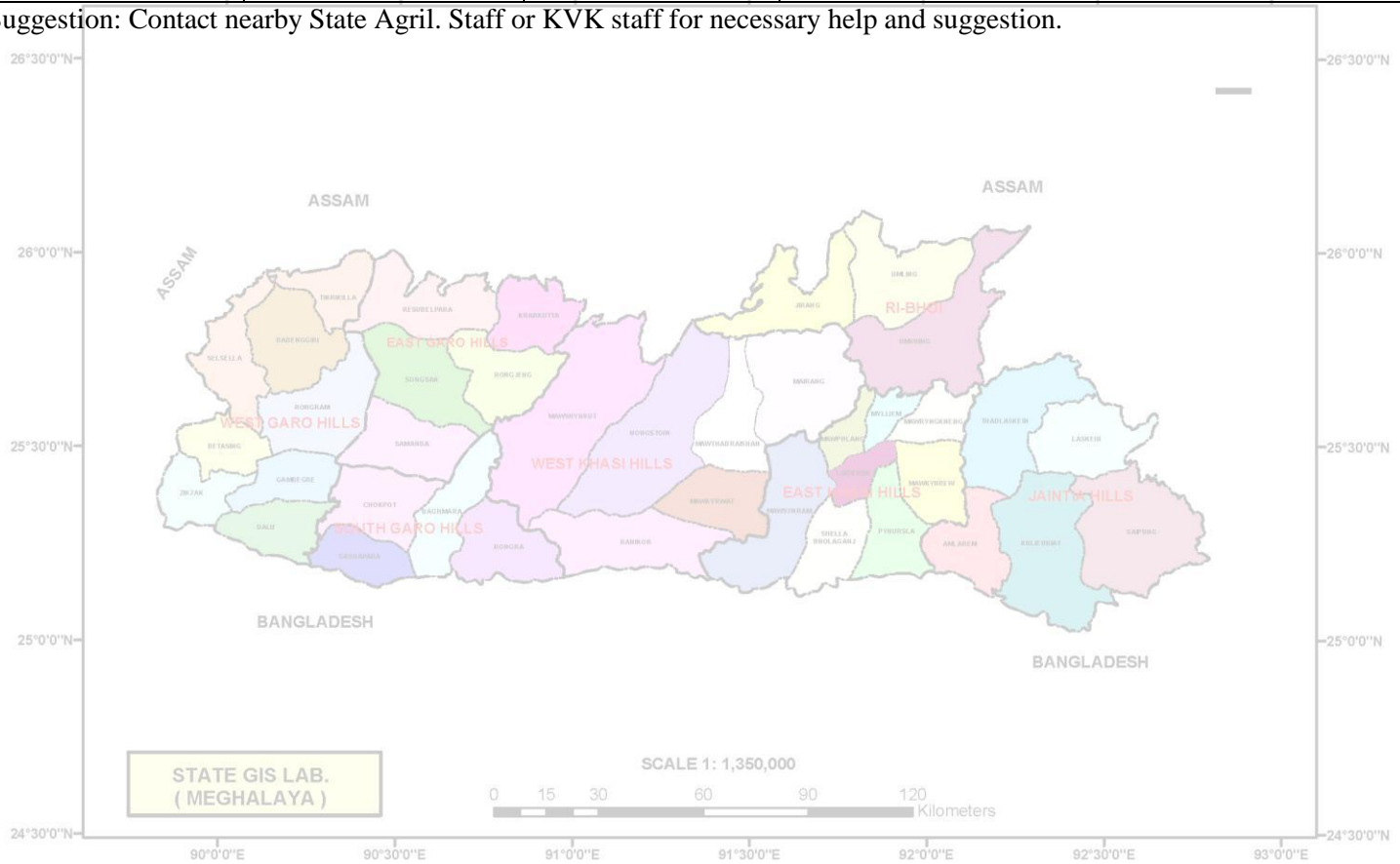
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		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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





Agro Advisory Bulletin – NORTH GARO HILLS **(Period 7th – 11th June, 2017)**

Weather forecast valid up to 11th June, 2017

The possibility of Rainfall is 82.0mm for the next five days. Maximum Temp: 28-32°C, Minimum Temp: 20-23°C, Cloud cover: sky will be mostly cloudy i.e. 6-7 Okta, Maximum RH: 87-96%, Minimum RH: 48-66%, Wind speed: 2-4 Kmph, Wind direction: Southeast-Southwest.

Weekly cumulative rainfall : 82.0mm

C & RD BLOCK MAP OF MEGHALAYA

90°0'0"E 90°30'0"E 91°0'0"E 91°30'0"E 92°0'0"E 92°30'0"E 93°0'0"E

Agro meteorological Advisories for coming 5 days

- **Make proper drainage in the crop fields**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing		<p><u>Nursery preparation</u></p> <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shansarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. <p><u>Main field preparation</u></p> <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. <p><u>Sowing</u></p> <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage	Shoot Fly, Cob borer, Stem borer	<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. • If shoot fly incidence occur in maize, apply Furandian 3G granules@ 2-3 granule to each whorl of plant.



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Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out.
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake.
Khasi Mandarin	Fruit Setting		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the droppings 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"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age.
		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	<ul style="list-style-type: none"> Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.



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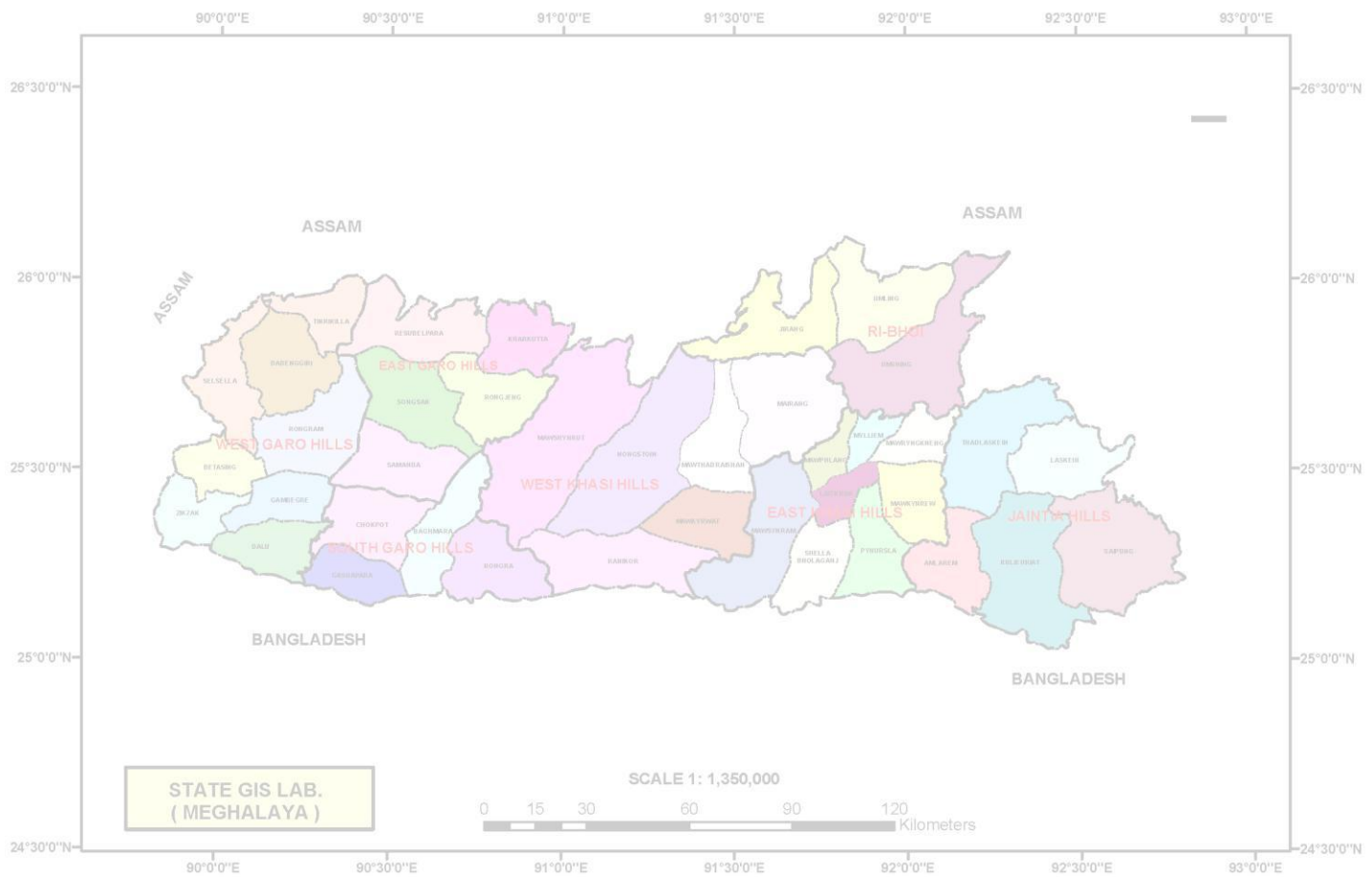


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		Quarter	
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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

C & RD BLOCK MAP OF MEGHALAYA





Agro Advisory Bulletin – Ri-Bhoi
(Period 7th – 11th June, 2017)

Weather summary of the past four days

Weather forecast valid up to 11th June, 2017

Sky was mainly cloudy with 26.8mm of rainfall. Maximum temperatures ranged between 25.0-29.6°C and minimum ranged between 17.3-23.4°C. Mean relative humidity was 91-98% in morning and 55-66% in evening. Wind speed ranged between 2-3 kmph.

The possibility of Rainfall is 54.0mm for the next five days. Maximum Temp: 29.0-30.0°C, Minimum Temp: 19.0-22.0°C, Cloud cover: sky will be mainly cloudy i.e. 5-7 Okta, Maximum RH: 91-98%, Minimum RH: 46-61%, Wind speed: 2-3 Kmph, Wind direction: SouthEast-South.

C & RD BLOCK MAP OF MEGHALAYA



Agro meteorological Advisories for coming 5 days

- **Make proper drainage in the crop fields**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing		<p><u>Nursery preparation</u></p> <ul style="list-style-type: none"> • Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shabsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. <p><u>Main field preparation</u></p> <ul style="list-style-type: none"> • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. <p><u>Sowing</u></p> <ul style="list-style-type: none"> • Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling stage		<ul style="list-style-type: none"> • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation losses of moisture.



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		Shoot Fly, Cob borer, Stem borer	<ul style="list-style-type: none"> If shoot fly incidence occur in maize, apply Furandian 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses. Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Vegetative stage		<ul style="list-style-type: none"> Mulching with locally available materials like straw, grasses may be done to reduce evaporation losses. Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	Vegetative stage		<ul style="list-style-type: none"> Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation losses.
Ginger/Turmeric	Vegetative stage		<ul style="list-style-type: none"> Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out.
Tomato	Vegetative stage		<ul style="list-style-type: none"> Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake.
Spring Potato	Vegetative stage		<ul style="list-style-type: none"> Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight.
Khasi Mandarin	Fruit Setting		<ul style="list-style-type: none"> Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences			
Poultry	All stages		<ul style="list-style-type: none"> Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the droppings 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



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Piggery	All stages		<p>days old through eye and nostril.</p> <ul style="list-style-type: none"> 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. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age.
		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.

Fishery			
Common carp	Fry stage/Advance fry		<p>Fry stocking</p> <ul style="list-style-type: none"> Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		<p>Brood stock maintenance</p> <ul style="list-style-type: none"> Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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

