

ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



Dated: 12/12/2017

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

RC (AE)/30/2011/Bulletin/December 2017/68

Agro Advisory Bulletin – East Garo Hills (Period 13th – 17th December, 2017)

Weather summery of the past five days

Weather forecast valid up to 17th December, 2017

Sky was partly cloudy with 12.0mm rainfall. Maximum temperatures ranged between 23-25°C and minimum ranged between 12-16°C. Relative humidity was 100% in morning and 43-87% in evening. Wind speed ranged between: 2 kmph.

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 24-26°C, Minimum Temp: 12-13°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 100%, Minimum RH: 41-55%, Wind speed: 2-3Kmph, Wind direction: Eastern.

C & RD BLOCK MAP OF Weekly cumulative rainfall: 0.0mm

Agro meteorological Advisories for coming 5 days Main Crop/ Animal Stage Pest/Diseases **Agricultural Advisories** /Fisheries Sali/Kharif Rice AS Maturity/Harvestin Bird scaring should be taken care of. Maintain a water level of 2-5 cm in the field. Monitor crop for swarming caterpillar attack. If the crop is mature, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. Pea Vegetative stage . Thinning & gap filling should be done 10-15 days after sowing. Maintain proper soil moisture in the field by irrigation. Mustard/ Rapeseed Sowing/Vegetative Recommended variety: Mustard- Varuna, growth Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67. Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing. SCALE 1: 1.350,000 STATE GIS LAB. Thinning & gap filling should be done 10-15 (MEGHALAYA) days old crop. Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with Maintain proper soil moisture by providing life saving irrigation. Cabbage/Broccoli/ Transplanting Transplant 3-5 weeks old seedlings at a Cauliflower spacing of 45cm row to row & 30cm plant to plant. Do earthing up after application of urea. **Dolichos bean** Vegetative/ Spray Rogor 1ml/litre water to control pests. Flowering stage Maintain soil moisture by irrigation. Harvesting stage Harvest the dried pod for seed. French



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bean/Rajmash/cowpea			Puick and manually by stone in cintight maly
bean/Kajmasn/cowpea			• Dried seed properly & store in airtight poly bags/container.
			ougo, container
Ginger/ turmeric	Harvesting stage		Harvest the crop when the above ground part of plant has fully dried.
Khasi Mandarin	Harvesting stage	D BLOCK MAP OF MEGHAL	of manare and fertilizer and to reduce son
90°0'0"E	90°30'0"E 9	°0'0"E 91°30'0"E	erosion/ nutrient loss during rainy season.
Animal Sciences	A 11		
Poultry	All stages		• As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.
26°0'0"N-	ASSAM	25	Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. growth.
WLM LA	THEORETA HEADELINGS SOUGHAND ROMOTANA ROMOTANA ROMOTANA	The MANAGE MANAG	Litter should be change periodically and provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed.
25°30'0"N-	CHORPOT PARIOMETA	THASIHLLS Coccidiosis	Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking
DAL	THE GARD HILLS	EARSON SULLAND SUCCESSION SUCCESS	water. • Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive
25°0'0"N=	ANGLADESH		measure against coccidiosis.
		Ranikhet disease	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 STATE GIS (MEGHAL		SCALE 1: 1,350,000 30 60 90	• Vaccinate all newly born piglets against against swine fever at the age of 3 months followed by annual booster dose.
24°30'0"N	90°30'0"E 91	0'0"E 91°30'0"E	• In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
			• Iron supplementation in piglet to prevent
		Skin infection	 from piglet anaemia during 1st week of age. Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.



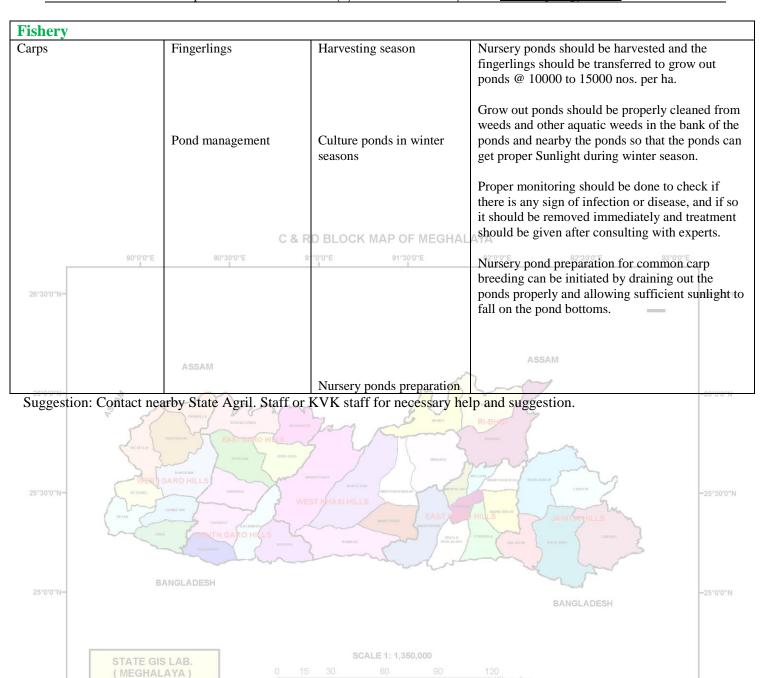
90°0'0"E

GRAMIN KRISHI MAUSAM SEWA

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91°30'0"E



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RC (AE)/30/2011/ Bulletin/December 2017/68

Agro Advisory Bulletin – WEST JAINTIA HILLS (Period 13th – 17th December, 2017)

Weather forecast valid up to 17th December, 2017

The possibility of Rainfall is 5.0mm for the next five days. Maximum Temp: 23-24°C, Minimum Temp: 12-14°C, Cloud cover: sky will be partly cloudy i.e. 1-4 Okta, Maximum RH:100%, Minimum RH: 50-73%, Wind speed: 3-4 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 5.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —

Main Crop/ Animal /Fisheries	Stage ASSAM	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice 26°0'0"N-	Harvesting/Threshing ***CHAPTER COMMITTEE COM	MANAGE MOUTHATIAN AMADA MANAGE MANAGEMENT AND AMADA	 At maturity, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. After harvesting, the crop should be sun dried before threshing. Seed cleaning and sun drying should be done properly before storing.
Pea	** Vegetative stage	STALLA PRODUCTION	 Thinning & gap filling should be done 10-15 days after sowing. Maintain proper soil moisture in the the field by irrigation.
Mustard/ Rapeseed	Sowing/Vegetative growth		• Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.
(MEGH	GIS LAB. ALAYA) 0 15 30	LE 1: 1,350,000 60 90 1	 Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing. Thinning & gap filling should be done 10-kilomet 15 days old crop.
24°30'0"N-L 90°0'0"E	90°30°0'E 91°0'0'E	91*30'0"E 9;	 Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil. Maintain proper soil moisture by providing
			life saving irrigation.
Cabbage/Broccoli/ Cauliflower	Transplanting		Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row & 30cm plant to plant. Do corthing up ofter application of weeks.
Dolichos bean	Vegetative/ Flowering stage		 Do earthing up after application of urea. Spray Rogor 1ml/litre water to control pests. Maintain soil moisture by irrigation.
French	Harvesting stage		Harvest the dried pod for seed.



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bean/Rajmash/cowpea			Dried seed properly & store in airtight poly bags/container.
Ginger/ turmeric	Harvesting stage		Harvest the crop when the above ground part of plant has fully dried.
Khasi Mandarin	Harvesting stage C & RD BLOCK	MAP OF MEGHALAYA	 Harvesting of ripened fruits. Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly. Adopting the appropriate conservation techniques such as preparation of Halfmoon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to
90°0'0'	E 90°30'0"E 91°0'0"E	91°30'0"E 9:	reduce soil erosion/ nutrient loss during
4 1 10			rainy season.
Animal Sciences	A.11	1	
Poultry N-25°0'0"N-	ASSAM PART RICER EAST TOTAL OF HIGH	INAME RI-	 As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature. 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.
25"30"0"N-	CAMBITOTE CAMBITOTE CAMBITOTE CHOCKETO CAMBITOTE CHOCKETO CH	EAST HILL	 Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @
25°0'0"N~	BANGLADESH	Ranikhet disease	 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. 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 STATE	GIS LAB. All stages	ALE 1: 1,350,000	Vaccinate all newly born piglets against
24°30'0"N- 90°0'0"E	90°30'0"E 91°0'0"E	91°30'0"E 9	 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	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.



STATE GIS LAB. (MEGHALAYA)

90°30'0"E

90°0'0"E

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		Quarter		
Fishery	·		1	
Carps	Fingerlings	Harvesting season	Nursery ponds should be harvested and fingerlings should be transferred to grow ponds @ 10000 to 15000 nos. per ha.	
	Pond management	Culture ponds in winter seasons	Grow out ponds should be properly clea from weeds and other aquatic weeds in t of the ponds and nearby the ponds so the ponds can get proper Sunlight during wi season.	the bank at the
	C & RD BLO0	CK MAP OF MEGHALAY/	Proper monitoring should be done to che there is any sign of infection or disease, so it should be removed immediately and treatment should be given after consulting	and if
			experts.	ng with
26°30'0"N-				s°30'0"N
		Nursery ponds	Nursery pond preparation for common c	
		preparation	breeding can be initiated by draining out	
			ponds properly and allowing sufficient s to fall on the pond bottoms.	sunngm
Suggestion: O	Contact nearby State Agril. Staff or KVK staff for	necessary help and sugge		
26°0'0"N-	SE STATE OF THE SECOND	man R	-26'	°0'0"N
25°30'0"N=	NELSTEAM PONCENT NO BEASTERN HILLS NO BUSINESS RONGENT NO HILLS MANUSCRAM MONOCENTE NO HILLS MANUSCRAM MONOCENTE NO HILLS MONOCENTE NO HILL	MOLIAGE MOLIAGE AGENT AND ADMITTAL ADMITTAL AND ADMITTAL	SOURT WOOD IS ON MADE AND LASKED LASKED	s°30'0"N
23 300 14-	CAMELOGY CHOCKED CHOCK	EAST HOUSE AND FROM	JAINTHY ILLS AMAJORIA SERIE DOST	300 N
25°0'0''N-	BANGLADESH		-25'	5°0'0"N
			BANGLADESH	

SCALE 1: 1,350,000

91°30'0"E

91°0'0"E



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RC (AE)/30/2011/ Bulletin/December 2017/68

Agro Advisory Bulletin – WEST KHASI HILLS (Period 13th – 17th December, 2017)

Weather forecast valid up to 17th December, 2017

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 19-21°C, Minimum Temp: 7-9°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 100%, Minimum RH: 42-59%, Wind speed: 3-4 Kmph, Wind direction: Southeast-South.

Weekly cumulative rainfall: 0.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —

	n Crop/ /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Khar 26°0'0"N- 25°30'0"N-		Harvesting/Threshing CAMPICOLE CONTROLLED CONTROLLED	MORANG RI-	 At maturity, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. After harvesting, the crop should be sun dried before threshing. Seed cleaning and sun drying should be done properly before storing. Thinning & gap filling should be done 10-15 days after sowing. Maintain proper soil moisture in the the field by irrigation.
Mustard/		Sowing/Vegetative growth GIS LAB. ALAYA) 90°30′0′E 91°00′E	LE 1: 1,350,000 60 90 1	 Recommended variety: Mustard₂₅ Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67. Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing. Thinning & gap filling should be done 10-15 days old crop. Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil. Maintain proper soil moisture by providing life saving irrigation.
Cabbage/ Cauliflow		Transplanting		 Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row & 30cm plant to plant. Do earthing up after application of urea.
Dolichos l	bean	Vegetative/ Flowering stage		 Spray Rogor 1ml/litre water to control pests. Maintain soil moisture by irrigation.
French		Harvesting stage		Harvest the dried pod for seed.



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bean/Rajmash/cowpea			Dried seed properly & store in airtight poly bags/container.
Ginger/ turmeric	Harvesting stage		Harvest the crop when the above ground part of plant has fully dried.
Khasi Mandarin	Harvesting stage C & RD BLOCK	MAP OF MEGHALAYA	 Harvesting of ripened fruits. Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly. Adopting the appropriate conservation techniques such as preparation of Halfmoon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to
90°0'0'	E 90°30'0"E 91°0'0"E	91°30'0"E 9:	reduce soil erosion/ nutrient loss during
4 1 10 1			rainy season.
Animal Sciences	A.11	1	-26°20'0"N
Poultry ^N	ASSAM	MANG RI-	 As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and
25°30'0"N-	DAME OF CHARGE AND THE STATE OF	MODIANG MOD	provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water.
25°0'0''N ~	BANGLADESH	Ranikhet disease	 Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. 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 STATE	GIS LAB. All stages	ALE 1: 1,350,000	Vaccinate all newly born piglets against
	ALAYA) 0 15 30	60 90 1	Kilometswine fever at the age of 3 months followed
24°30'0"N	90°30°0''E 91°0'0''E	91°30'0"E 9	 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. Provide Ivermectin (Injection) @
		Skill Illiection	10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.



STATE GIS LAB. (MEGHALAYA)

90°30'0"E

90°0'0"E

24°30'0"N•

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-25°0'0"N

BANGLADESH

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		Ossartan	T
Tial or		Quarter	
Fishery Carps	Fingerlings	Harvesting season	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.
	Pond management	Culture ponds in winter seasons	Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.
r	C & RD BLOC	K MAP OF MEGHALAYA	Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with
26°30'0"N=		Nursery ponds	experts. Nursery pond preparation for common carp
		preparation	breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.
Suggestio	on: Contact nearby State Agril. Staff or KVK sta	ff for necessary help ar	
26°0'0"N-	TRATECTION DE LA STORRO HILLS RESULCIANA RESULCIANA	MARIANG RI-	-26°0'0"N
	BANGLADESH	manhor	The state of the s

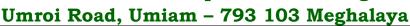
SCALE 1: 1,350,000

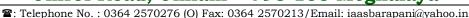
91°0'0"E

91°30'0"E



ICAR Research Complex for NEH Region





RC (AE)/30/2011/Bulletin/December 2017/68



Dated: 12/12/2017

Agro Advisory Bulletin – EAST JAINTIA HILLS (Period 13th – 17th December, 2017)

Weather forecast valid up to 17th December, 2017

The possibility of Rainfall is 3.0mm for the next five days. Maximum Temp: 22-24°C, Minimum Temp: 11-14°C, Cloud cover: sky will be partly cloudy i.e. 1-4 Okta, Maximum RH: 100%, Minimum RH: 47-84%, Wind speed: 3-5 Kmph, Wind direction: Northeast-Southeast.

Weekly cumulative rainfall: 3.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Pest/Diseases Agricultural Advisories Main Crop/ Stage **Animal /Fisheries** Sali/Kharif Rice Harvesting/Threshing At maturity, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. After harvesting, the crop should be sun dried before threshing. Seed cleaning and sun drying should be done properly before storing. Pea Vegetative stage . Thinning & gap filling should be done 10-15 days after sowing. Maintain proper soil moisture in the the field by irrigation. BANGLA Sowing/Vegetative growth Mustard/ Rapeseed Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67. Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing. E 1: 1.350.000 Thinning & gap filling should be done 10-STATE GIS LAB. 15 days old crop. ALAYA) Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil. Maintain proper soil moisture by providing life saving irrigation. Cabbage/Broccoli/ Transplanting Transplant 3-5 weeks old seedlings at a Cauliflower spacing of 45cm row to row & 30cm plant to plant. Do earthing up after application of urea. **Dolichos bean** Vegetative/ Spray Rogor 1ml/litre water to control Flowering stage Maintain soil moisture by irrigation. Harvesting stage Harvest the dried pod for seed. French bean/Rajmash/cowpea Dried seed properly & store in airtight poly



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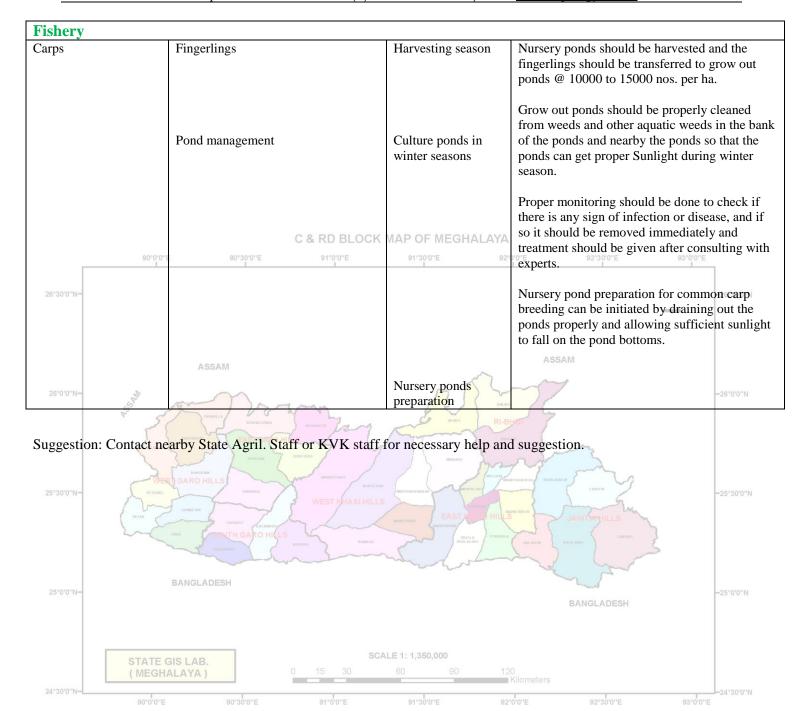
			bags/container.
Ginger/ turmeric	Harvesting stage		Harvest the crop when the above ground part of plant has fully dried.
Khasi Mandarin	Harvesting stage C & RD BLOCK	MAP OF MEGHALAYA	 Harvesting of ripened fruits. Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly. Adopting the appropriate conservation techniques such as preparation of Halfmoon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.
Animal Sciences			
26°0'0"N- 25°30'0"N- 25°30'0"N- 25°0'0"N-	ASSAM BASTARO HILLS CARRIEDA CARRIEDA CARRIEDA BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH	Ranikhet disease	 As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature. 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 dropings of the poultry birds for any diseases symptom. 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. 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		Vaccinate all newly born piglets against
STATE	90°30'0"E 91°0'0"E	LE 1: 1,350,000 60 90 12 91°30'0"E 92	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	• Provide Ivermectin (Injection) @
Cattle & Buffaloes	6-9 months calves	Brucellosis	 10mg/33kg body wt. Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.



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RC (AE)/30/2011/ Bulletin/December 2017/68

Agro Advisory Bulletin – EAST KHASI HILLS (Period 13th – 17th December, 2017)

Weather forecast valid up to 17th December, 2017

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 18-20°C, Minimum Temp: 7-10°C, Cloud cover: sky will be mainly clear i.e. 0-2 Okta, Maximum RH: 98-99%, Minimum RH: 47-73%, Wind speed: 4-6 Kmph, Wind direction: Northeast-South.

Weekly cumulative rainfall: 0.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —

Main Crant	Ctore	Doct/Discoses	A suite official A division is a
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice 26°0'0"N-	Harvesting/Threshing ***BUTCHARA PRACTICAL PROPERTY OF THE STREET OF TH	MADAG RI-	 At maturity, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. After harvesting, the crop should be sun dried before threshing. Seed cleaning and sun drying should be done properly before storing.
Pea	or Vegetative stage	ONLIA PROGRAM	 Thinning & gap filling should be done 10-15 days after sowing. Maintain proper soil moisture in the the field by irrigation.
	GIS LAB. ALAYA) Sowing/Vegetative growth Sc. 90'30'0'E 91'0'0'E	ALE 1: 1,350,000 60 90 1 91°30'0"E 9.	 Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67. Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing. Thinning & gap filling should be done 10-15 days old crop. Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.
Cabbage/Broccoli/ Cauliflower	Transplanting		 Maintain proper soil moisture by providing life saving irrigation. Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row & 30cm plant to plant. Do earthing up after application of urea.
Dolichos bean	Vegetative/ Flowering stage		Spray Rogor 1ml/litre water to control pests.Maintain soil moisture by irrigation.
French	Harvesting stage		Harvest the dried pod for seed.



ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya ■: Telephone No.: 0364 2570276 (O) Fax: 0364 2570213/Email: iaasbarapani@yahoo.in



bean/Rajmash/cowpea			Dried seed properly & store in airtight poly bags/container.
Ginger/ turmeric	Harvesting stage		Harvest the crop when the above ground part of plant has fully dried.
Khasi Mandarin	Harvesting stage C & RD BLOCK	MAP OF MEGHALAYA	 Harvesting of ripened fruits. Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly. Adopting the appropriate conservation techniques such as preparation of Halfmoon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to
90°0'0'	E 90°30'0"E 91°0'0"E	91°30'0"E 9:	reduce soil erosion/ nutrient loss during
A : 10 :			rainy season.
Animal Sciences	A 11		-26°30'0"N
26°0'0"N- 25°30'0"N- 25°30'0"N-	ASSAM ASSAM ROSGRAM ROSGRAM	MADIANG MADINANGA MADINANG	 As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature. 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 dropings of the
25°0'0"N-	SAME CONTROL PARTIES SOUGHA PARTIES	Coccidiosis Ranikhet disease	 poultry birds for any diseases symptom. 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. 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.
	All stages ALAYA) All stages 15 30	60 90 1 91°30'0"E 9	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 1 st week of age.
		Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.



STATE GIS LAB.

(MEGHALAYA)

90°30'0"E

90°0'0"E

24°30'0"N•

GRAMIN KRISHI MAUSAM SEWA

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BANGLADESH

120 Kilometers

	☎: Telephone No. : 0364 2570276 (O)	1 tax. 000 2010210 Emai	
		Quarter	
Fishery			
Carps	Fingerlings	Harvesting season	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.
	Pond management	Culture ponds in winter seasons	Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bar of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.
	C & RD BLOC	CK MAP OF MEGHALAYA	Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with
			experts.
26°30'0"N-		Nursery ponds	-26°30'0"N
		preparation	Nursery pond preparation for common carp
			breeding can be initiated by draining out the
			ponds properly and allowing sufficient sunligh
G .:	C + 1 CSSAM A '1 C+ CC TXXXX	CC C 1 1	to fall on the pond bottoms.
Suggestion:	: Contact nearby State Agril. Staff or KVK sta	ff for necessary help an	id suggestion.
26°0'0"N-	DATE BOOK AND THE STATE OF THE	CSTOR MINITELE PARTIES AND STATE OF THE STAT	Lag .
25°0'0''N=	BANGLADESH	The house	-25°0'0"N

SCALE 1: 1,350,000

91°0'0"E

91°30'0"E



ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



Dated: 12/12/2017

92°30'0"E

to plant.

pests.

Do earthing up after application of urea.

Spray Rogor 1ml/litre water to control

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RC (AE)/30/2011/ Bulletin/December 2017/68

Agro Advisory Bulletin – NORTH GARO HILLS (Period 13th – 17th December, 2017)

Weather forecast valid up to 17th December, 2017

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 25-26°C, Minimum Temp: 12-14°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 98-99%, Minimum RH: 42-54%, Wind speed: 2-3 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 0.0mm.

Dolichos bean

C & RD BLOCK MAP OF MEGHALAYA

91°30'0"E

Agro meteorological Advisories for coming 5 days Agricultural Advisories Main Crop/ Stage Pest/Diseases **Animal /Fisheries** ASSAM Sali/Kharif Rice Maturity/Harvesting Bird scaring should be taken care of. Maintain a water level of 2-5 cm in the field. Monitor crop for swarming caterpillar attack. If the crop is mature, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. Vegetative stage . Thinning & gap filling should be done 10-Pea 15 days after sowing. Maintain proper soil moisture in the the field by irrigation. Sowing/Vegetative growth Mustard/ Rapeseed Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67. LE 1: 1.350,000 STATE GIS LAB. Furrow application of Lime @ 250 kg/ha. (MEGHALAYA) should be done before a week of sowing. Thinning & gap filling should be done 10-15 days old crop. Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil. Maintain proper soil moisture by providing life saving irrigation. Cabbage/Broccoli/ Transplanting Transplant 3-5 weeks old seedlings at a Cauliflower spacing of 45cm row to row & 30cm plant

Vegetative/

Flowering stage



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			Maintain soil moisture by irrigation.
French bean/Rajmash/cowpea	Harvesting stage		 Harvest the dried pod for seed. Dried seed properly & store in airtight poly bags/container.
Ginger/ turmeric	Harvesting stage		Harvest the crop when the above ground part of plant has fully dried.
Khasi Mandarin		MAP OF MEGHALAYA	 Harvesting of ripened fruits. Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly. Adopting the appropriate conservation techniques such as preparation of Halfmoon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.
Animal Sciences		_	
25°30'0"N-	ASSAM RESIDENCIAMA ROSIGNAM R	Coccidiosis Ranikhet disease	 As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature. 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 dropings of the poultry birds for any diseases symptom. 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. Vaccinate the poultry birds with F1/ Lasota
	E GIS LAB. CHALAYA) 0 15 30	60 90 1	vaccine (1 drop) at the age of 4-7 days old
Piggery 90°0°1		Skin infection	 and 35 days old through eye and nostril. 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. Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	Undertake regular immunization of cattle &



90°0'0"E

90°30'0"E

91°0'0"E

91°30'0"E

92°0'0"E

GRAMIN KRISHI MAUSAM SEWA

ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



2: Telephone No.: 0364 2570276 (O) Fax: 0364 2570213/Email: <u>iaasbarapani@yahoo.in</u>

		Disease, Haemorrhagic Septicaemia, Black Quarter	buffaloes against Foot & Mouth disease Haemorrhagic septicaemia & Black Quarter.
Fishery			
Carps	Fingerlings	Harvesting season	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.
	Pond management	Culture ponds in winter seasons	Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.
	90°0'0"E 90°30'0"E 91°0'0"E	91°30'0"E 93	Proper monitoring should be done to check if
26°30'0"N~			there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.
	ASSAM	Nursery ponds preparation	Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight
26°0'0"N-	En Some	13 13	to fall on the pond bottoms.
Suggestion: (Contact nearby State Agril. Staff or KVK sta BORGARA BO	MAGILANG MAGILLANG MAGILLANG MAGILLANG	and suggestion. STANDARD BY STANDARD BY
25°0'0''N-	BANGLADESH		BANGLADESH -25°0'0"N
	STATE GIS LAB. (MEGHALAYA) 0 15 30		20 ■ Kilometers
24°30'0"N-	90°20'0''E 90°20'0''E 94°0'0''E	041000000	-24°30'0"N



ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



Dated: 12/12/2017

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RC (AE)/30/2011/Bulletin/December 2017/68

Agro Advisory Bulletin – Ri-Bhoi (Period 13th – 17th December, 2017)

Period	13 th -	17 th	December	2017)

Weather summery of the past four days

Weather forecast valid up to 17th December, 2017

Sky was mainly cloudy with 2.4mm of rainfall. Maximum temperatures ranged between $21.2\text{-}23.2^{\circ}\text{C}$ and minimum ranged between $10.5-17.3^{\circ}\text{C}$. Mean relative humidity was 100% in morning and 50-71% in evening. Wind speed ranged between 2-4 kmph.

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 22.0-24.0°C, Minimum Temp: 10.0-12.0°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH:100%, Minimum RH: 42-56%, Wind speed: 2-3 Kmph, Wind direction: Southeast.

91°30°Weekly cumulative rainfall 20.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Main Crop/ Pest/Diseases **Agricultural Advisories** Stage **Animal /Fisheries** Sali/Kharif Rice Harvesting/Threshing At maturity, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. After harvesting, the crop should be sun dried before threshing. Seed cleaning and sun drying should be done properly before storing. Vegetative stage . Thinning & gap filling should be Pea done 10-15 days after sowing. Maintain proper soil moisture in the the field by irrigation. Mustard/ Rapeseed Sowing/Vegetative growth Recommended variety: Mustard-Varuna, Krishna, TM 4; Rapeseed-M 27, TS 38, TR 48, TR 67. Furrow application of Lime @ 250 kg/ha. should be done before a STATE GIS LA week of sowing. Thinning & gap filling should be done 10-15 days old crop. Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil. Maintain proper soil moisture by providing life saving irrigation. Cabbage/Broccoli/ **Transplanting** Transplant 3-5 weeks old seedlings Cauliflower at a spacing of 45cm row to row & 30cm plant to plant. Do earthing up after application of



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Da	olichos bean	Vegetative/		
100	nichos bean	Flowering stage		• Spray Rogor 1ml/litre water to
		1 10 Wolling Stage		control pests.
				Maintain soil moisture by irrigation.
Fr	ench	Harvesting stage		Harvest the dried pod for seed.
be	an/Rajmash/cowpea			Dried seed properly & store in
				airtight poly bags/container.
<u> </u>		TY		**
	nger/ rmeric	Harvesting stage		Harvest the crop when the above ground port of plant has fully dried.
tui	THETIC			ground part of plant has fully dried.
KI	hasi Mandarin	Harvesting stage		Harvesting of ripened fruits.
K	lasi Manuai ili	Trai vesting stage		 Collection and discard of fallen
		C & RD BLOCK MA	P OF MEGHALAYA	fruits in orchards to avoid attraction
	90°0'0"E	90°30'0"E 91°0'0"E	91°30'0"E 92°0	
				Adopting the appropriate
26°30'0''N•	-			conservation techniques such as
				preparation of Half-moon terrace/
				tree basin, contour bunds, bench
				terraces and half moon terraces for placement of manure and fertilizer
		ASSAM		and to reduce soil erosion/ nutrient
				loss during rainy season.
26 0'O'N	nimal Sciences	- M.	77 (7)	-26°0′0′′1
Po	oultry 🐔 🧪	All stages	E MANG RI-BH	• As the night temperature has
	DATENDO	REAL PROPERTY AND A STREET AND		dropped, poultry birds (day old to
	CASTRETTY }	ROWGENG TO THE PROPERTY OF THE	1	25 days old) should be provided
	3 phonon	nam Somoon	MARANG STRANG	with artificial heating through
25°30'0''N•	WEST GARO	HILLS MONGSTON	NATINAD BASHAN	lightning of electric bulb to protect them from low temperature.
20 00 0 N	The Camping	WEST KHASI HILLS	The state of the s	Provide vitamin B complex @
	70K7AK	S CHOKROT TAGHMARA	EAST HILLS	7ml/litre in drinking water daily in
	DALI	NTH GARO HILLS	SHELLA PYNURSLA	broiler for healthy growth.
	1	CEUDIUM	In of the	Litter should be change periodically
				and provide clean drinking water
25°0'0''N-		ADESH		and changed the water every day.
				Diseased and dead birds should be immediately removed.
				immediately removed.Regularly inspect the dropings of
				the poultry birds for any diseases
	STATE GIS LA	В.	1: 1,350,000	symptom.
	(MEGHALAYA	0 15 30 6	Coccidiosis	Provide plenty of fresh and clean
24°30'0''N•	90°0'0"E	90°30'0"E 91°0'0"E	91°30'0"E 92°0	drinking water.
				Provide coccidiostatic like
				Amprolium @ 25-65 mg/kg feed
				once a day as a preventive measure
			Ranikhet disease	against coccidiosis.
			Kaniknet uisease	• 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.
Pig	ggery	All stages		Vaccinate all newly born piglets
-		C		against swine fever at the age of 3
				months followed by annual booster
				dose.
				• In epidemic areas, vaccinate 6



90°0'0"E

90°30'0"E

91°0'0"E

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		 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	• Provide Ivermectin (Injection) @ 10mg/33kg body wt.
6-9 months calves	Brucellosis	 Vaccinate 6-9 months old calved with <i>Brucella abortus</i> cotton strain 19 @ 5ml subcutaneous on the neck
C & RD BLOCK MA	Foot & Mouth Disease, Haemorrhagic Septicaemia	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagid septicaemia & Black Quarter.
90°30'0"E 91°0'0"E	Black Quarter	0"E 92°30'0"E 93°0'0"E
T	1	Nursery ponds should be harvested and
		the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.
ASSAM Don'd management	Cultura manda in	Grow out ponds should be properly cleaned from weeds and other aquatic
THERMALA RESURCINADA ARGERITA	winter seasons RI-BH 1800/2005	weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season. Proper monitoring should be done to
WEST PHASI HILLS ODDOT ANDROR ANDROR FAMERICA FAMER	EAST HILLS	check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts. Nursery pond preparation for common carp breeding can be initiated by
LADESH	Nursery ponds preparation	draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.
	Fingerlings ASSAM Pond management PROGRESS SOURCES S	Foot & Mouth Disease, Haemorrhagic Septicaemia Black Quarter Fingerlings Harvesting season Culture ponds in winter seasons WEST IPLAS! HILLS WEST IPLAS! HILLS Nursery ponds

91°30'0"E

92°0'0"E

92°30'0"E



ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



Dated: 12/12/2017

92°30'0"E

Do earthing up after application of urea.

pests.

Spray Rogor 1ml/litre water to control

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RC (AE)/30/2011/ Bulletin/December 2017/68

Agro Advisory Bulletin – SOUTH GARO HILLS (Period 13th – 17th December, 2017)

Weather forecast valid up to 17th December, 2017

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 25-26°C, Minimum Temp: 12-14°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 88-99%, Minimum RH: 41-58%, Wind speed: 3-4 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall: 0.0mm

Dolichos bean

C & RD BLOCK MAP OF MEGHALAYA

91°30'0"E

Agro meteorological Advisories for coming 5 days Agricultural Advisories Main Crop/ Stage Pest/Diseases **Animal /Fisheries** ASSAM Sali/Kharif Rice Maturity/Harvesting Bird scaring should be taken care of. Maintain a water level of 2-5 cm in the field. Monitor crop for swarming caterpillar attack. If the crop is mature, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. Vegetative stage . Thinning & gap filling should be done 10-Pea 15 days after sowing. Maintain proper soil moisture in the the field by irrigation. Sowing/Vegetative growth Mustard/ Rapeseed Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67. LE 1: 1.350,000 STATE GIS LAB. Furrow application of Lime @ 250 kg/ha. (MEGHALAYA) should be done before a week of sowing. Thinning & gap filling should be done 10-15 days old crop. Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil. Maintain proper soil moisture by providing life saving irrigation. Cabbage/Broccoli/ Transplanting Transplant 3-5 weeks old seedlings at a Cauliflower spacing of 45cm row to row & 30cm plant to plant.

Vegetative/

Flowering stage



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				• M	Iaintain soil moisture by irrigation.
French		Harvesting stage			arvest the dried pod for seed.
bean/Rajmash/	/cownea	Hai vesting stage			ried seed properly & store in airtight poly
Seam raginasii	reo w peu				ags/container.
Ginger/ turmeric		Harvesting stage			Harvest the crop when the above ground art of plant has fully dried.
Khasi Mandar	90°0'0'	Harvesting stage C & RD BLOCK 90'30'0"E 91'00'0"E	MAP OF MEGHALAYA	• Coore or A te m	farvesting of ripened fruits. collection and discard of fallen fruits in rehards to avoid attraction of fruit fly. dopting the appropriate conservation echniques such as preparation of Half-toon terrace/ tree basin, contour bunds, each terraces and half moon terraces for lacement of manure and fertilizer and to
26°30'0"N-				re	educe soil erosion/ nutrient loss during hiny season.
Animal Science	es		I		
26°0'0"N 25°0'0"N	SELECTION OF TAXABLE PROPERTY.	ASSAM RESIDENTIANA RESIDENTI	MANUAL AND	post should be s	s the night temperature has dropped, oultry birds (day old to 25 days old) hould be provided with artificial heating arough lightning of electric bulb to protect tem from low temperature. Tovide vitamin B complex @ 7ml/litre in rinking water daily in broiler for healthy rowth. Total clean drinking water and changed the water every day. Tovide clean drinking water and changed the water every day. Tovide clean drinking water and changed the water every day. Tovide clean drinking water and changed the water every day. Tovide plenty of fresh and clean drinking water. Tovide coccidiostatic like Amprolium @ 5-65 mg/kg feed once a day as a reventive measure against coccidiosis.
		GIS LAB. 0 15 30	Ranikhet disease	• Va	accinate the poultry birds with F1/ Lasota accine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	90"0"0"E	All stages	Skin infection	V sv by In pi Ire fr	accinate all newly born piglets against wine fever at the age of 3 months followed y annual booster dose. The epidemic areas, vaccinate 6 months old igs with FMD vaccine once in a year. The provide an emia during 1 st week of age. The provide area of the provide against agai
Cattle & Buffa	loes	6-9 months calves	Brucellosis	• Va	Omg/33kg body wt. accinate 6-9 months old calves with rucella abortus cotton strain-19 @ 5ml abcutaneous on the neck
			Foot & Mouth Disease,	• U:	ndertake regular immunization of cattle & uffaloes against Foot & Mouth disease,



BANGLADESH

90°30'0"E

STATE GIS LAB. (MEGHALAYA)

90°0'0"E

GRAMIN KRISHI MAUSAM SEWA

ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



-25°0'0"N

BANGLADESH

92°0'0"E

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		Haemorrhagic Septicaemia, Black Quarter	Haemorrhagic septicaemia & Black Quarter.
Fishery			
Carps	Fingerlings	Harvesting season	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.
	Pond management	Culture ponds in winter seasons	Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter
	C o DD	DI OCK MAD OF MECHALAY	season.
	90°0'0'E 90°30'0"E 91°0'0	BLOCK MAP OF MEGHALAY/	Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and
26°30'0''N-			treatment should be given after consulting with experts.
		Nursery ponds	Nursery pond preparation for common carp
	ASSAM	preparation	breeding can be initiated by draining out the
	ASSAM		ponds properly and allowing sufficient sunlight to fall on the pond bottoms.
Suggestion: Con	ntact nearby State Agril. Staff or KV	K staff for necessary help ar	
	THEOREMAN SENSETIAN AND THE THEOREMAN SENSETIAN SENSETIA	MANAGE PRI-	BLATT STATE OF THE PART OF THE
25°30'0"N-	CANTIGE CHOSTOT PACHAGAS	HASI HILLS	JAINTHY-IILLS

SCALE 1: 1,350,000

91°30'0"E

91°0'0"E



ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



Dated: 12/12/2017

spacing of 45cm row to row & 30cm plant

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RC (AE)/30/2011/Bulletin/December 2017/68

Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 13th – 17th December, 2017)

Weather forecast valid up to 17th December, 2017

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 26-27°C, Minimum Temp: 14-15°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 85-94%, Minimum RH: 46-53%, Wind speed: 6 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall: 0.0mm

Cauliflower

C & RD BLOCK MAP OF MEGHALAYA

91°30'0"E 92°30'0"E Agro meteorological Advisories for coming 5 days Main Crop/ Stage Pest/Diseases **Agricultural Advisories Animal /Fisheries** Sali/Kharif Rice Maturity/Harvesting Bird scaring should be taken care of. Maintain a water level of 2-5 cm in the field. Monitor crop for swarming caterpillar attack. If the crop is mature, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. Pea Vegetative stage . Thinning & gap filling should be done 10-15 days after sowing. Maintain proper soil moisture in the the field by irrigation. LE 1: 1,350,000 STATE GIS LAB. ALAYA) Mustard/Rapeseed Sowing/Vegetative growth Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67. Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing. Thinning & gap filling should be done 10-15 days old crop. Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil. Maintain proper soil moisture by providing life saving irrigation. Cabbage/Broccoli/ Transplanting Transplant 3-5 weeks old seedlings at a



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			to plant.
Dolichos bean	Vegetative/ Flowering stage		 Do earthing up after application of urea. Spray Rogor 1ml/litre water to contropests. Maintain soil moisture by irrigation.
French bean/Rajmash/cowpea	Harvesting stage		 Harvest the dried pod for seed. Dried seed properly & store in airtight pol bags/container.
Ginger/ turmeric	Harvesting stage		Harvest the crop when the above groun part of plant has fully dried.
Khasi Mandarin 90'0'0 26'30'0'N- Animal Sciences	Harvesting stage C & RD BLOCK 90°30°0"E 91°0'0"E	MAP OF MEGHALAYA	 Harvesting of ripened fruits. Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly. Adopting the appropriate conservation techniques such as preparation of Halfmoon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.
Poultry Sciences 25°30'0"N- 25°0'0"N-	All stages TRADELINGAL TRADEL	MANUARY RI-E	 As the night temperature has dropped poultry birds (day old to 25 days old should be provided with artificial heatin through lightning of electric bulb to protect them from low temperature. Provide vitamin B complex @ 7ml/litre is drinking water daily in broiler for health growth. Litter should be change periodically an provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the
	GIS LAB. ALAYA) 0 15 30	Coccidiosis LE 1: 1,350,000 60 90 1: Ranikhet disease	 Provide plenty of fresh and clean drinkin water. Provide coccidiostatic like Amprolium of the provide coccidiostatic like Amprolium of the provide coccidiostatic like Amprolium of the provide coccidiosis. Vaccinate the poultry birds with F1/ Lasot vaccine (1 drop) at the age of 4-7 days of the provide control of the provide co
Piggery	All stages		 and 35 days old through eye and nostril. Vaccinate all newly born piglets agains swine fever at the age of 3 months followe by annual booster dose. In epidemic areas, vaccinate 6 months ol pigs with FMD vaccine once in a year. Iron supplementation in piglet to preven from piglet anaemia during 1 st week of age
		Skin infection	Provide Ivermectin (Injection) 0 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	Vaccinate 6-9 months old calves with



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			Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Carps	Fingerlings	Harvesting season	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha. Grow out ponds should be properly cleaned
26°30'0''N-	Pond management	Culture ponds in winter seasons	from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.
	ASSAM		Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.
26°0'0"N-	SERVICE DATE SECOND	Nursery ponds preparation	Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.
Suggestion:	Contact nearby State Agril. Staff or KVK sta	OHIGSTOPH MANUTHADIRASHAM	AND
	BANGLADESH	The state of the s	The state of the s
25°0'0''N-			BANGLADESH -25°0'0"N
24°30′0′′N-	STATE GIS LAB. (MEGHALAYA) 0 15 30		20 ■ Kilometers
	90°0'0"E 90°30'0"E 91°0'0"E	91°30'0"E 9	2°0'0"E 92°30'0"E 93°0'0"E



ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



Dated: 12/12/2017

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

RC (AE)/30/2011/ Bulletin/December 2017/68

Agro Advisory Bulletin – SOUTH WEST KHASI HILLS (Period 13th – 17th December, 2017)

Weather forecast valid up to 17th December, 2017

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 18-20°C, Minimum Temp: 6-8°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 95-97%, Minimum RH: 40-55%, Wind speed: 5-6 Kmph, Wind direction: Northeast.

Weekly cumulative rainfall: 0.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —

Main Crop/ Animal /Fisheries	Stage ASSAM	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice 26'0'0'N- 25°30'0"N-	Harvesting/Threshing NEUTELIANA NEUTELIANA NOUGER NOUGERA NOU	MANU RI-E MONAGE MON	 At maturity, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. After harvesting, the crop should be sun dried before threshing. Seed cleaning and sun drying done properly before storing.
Pea	Vegetative stage	MOTORIAN PROPERTY	 Thinning & gap filling should be done 10-15 days after sowing. Maintain proper soil moisture in the the field by irrigation.
Mustard/Rapeseed	Sowing/Vegetative growth		 Recommended variety: Mustard- Varuna Krishna, TM 4, Rapeseed- M 27, TS 38 TR 48, TR 67. Furrow application of Lime @ 250 kg/ha
(MEGI	GIS LAB. O 15 30	LE 1: 1,350,000 60 90 1	should be done before a week of sowing. Thinning & gap filling should be done 10- lambda days old crop.
24°30'0"N-L 90'0'0"	E 90°30°0″E 91°0°0″E	91*30'0"E 9:	 Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil. Maintain proper soil moisture by providing life saving irrigation.
Cabbage/Broccoli/ Cauliflower	Transplanting		 Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row & 30cm plant to plant. Do earthing up after application of urea.
Dolichos bean	Vegetative/ Flowering stage		 Spray Rogor 1ml/litre water to contro pests. Maintain soil moisture by irrigation.
French	Harvesting stage		Harvest the dried pod for seed.



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bean/Rajmash/cowpea			Dried seed properly & store in airtight poly bags/container.
Ginger/ turmeric	Harvesting stage		Harvest the crop when the above ground part of plant has fully dried.
Khasi Mandarin		MAP OF MEGHALAYA	reduce soil erosion/ nutrient loss during
90°0'0'	E 90°30'0"E 91°0'0"E	91°30'0"E 92	rainy season.
Animal Sciences			
26°0'0"N- 25°30'0"N- 25°30'0"N-	ASSAM ITRIBULIA INTENDELIMAN INTENDELIMAN	MANAGE MA	 As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature. 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 dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @
25°0'0"N-	BANGLADESH	Ranikhet disease	 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. 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.
	GIS LAB. All stages	ALE 1: 1,350,000	Vaccinate all newly born piglets against
(MEGH	ALAYA) 0 15 30	60 90 1	Nilometswine fever at the age of 3 months followed
24°30'0"N	90°30'0''E 91°0'0''E	91°30'0"E 9	 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. Provide Ivermectin (Injection) @
			10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.



STATE GIS LAB. (MEGHALAYA)

90°30'0"E

90°0'0"E

24°30'0"N•

GRAMIN KRISHI MAUSAM SEWA

ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



-25°0'0"N

BANGLADESH

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

Fishery Carps Fingerlings Harvesting season Nursery ponds should be harvested and the fingerlings should be transferred to grow ponds @ 10000 to 15000 nos. per ha. Culture ponds in winter seasons Culture ponds in winter seasons Carps Carps			Quarter	
Fingerlings Harvesting season Nursery ponds should be harvested and the fingerlings should be transferred to grow ponds @ 10000 to 15000 nos. per ha. Culture ponds in winter seasons Grow out ponds should be properly cleaner from weeds and other aquatic weeds in the of the ponds and nearby the ponds so that ponds can get proper Sunlight during win season. Proper monitoring should be done to check there is any sign of infection or disease, as so it should be removed immediately and treatment should be given after consulting experts. Nursery ponds preparation Nursery pond preparation for common can breeding can be initiated by draining out to ponds properly and allowing sufficient su to fall on the pond bottoms. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.	Fishery	I	Quarter	1
Pond management Culture ponds in winter seasons Card Block MAP OF MEGHALAYA Proper monitoring should be done to check there is any sign of infection or disease, a so it should be given after consulting experts. Nursery ponds preparation for common cat breeding can be initiated by draining out to ponds properly and allowing sufficient su to fall on the pond bottoms. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.		Fingerlings	Harvesting season	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.
there is any sign of infection or disease, as so it should be removed immediately and treatment should be given after consulting experts. Nursery ponds preparation Nursery ponds properly and allowing sufficient su to fall on the pond bottoms. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.		Pond management		Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.
Nursery ponds preparation breeding can be initiated by draining out to ponds properly and allowing sufficient su to fall on the pond bottoms. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.				Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with
breeding can be initiated by draining out to ponds properly and allowing sufficient sure to fall on the pond bottoms. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. 25'300'N- 25'300'N- 25'300'N- 25'300'N- 25'300'N- 25'300'N- 25'30'N- 25'30'	26°30'0"N-			-26°30'0"N
Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. 26'00'N- 25'300'N- 25'300'N- 25'300'N- 25'300'N-				
Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. 26'0'0'N- 25'30'0'N- 25'30'0'N- 25'30'0'N- 25'30'0'N-			preparation	
Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. 26°0'0"N- 25°30'0"N- MALLES MARKEL M. M				
25°30'0"N- SS TISTRICAL RADIA RADIATION RA	Suggesti	on: Contact nearby State Agril Staff or KVK sta	ff for necessary help ar	
DALI STATE AROUND SANDOR SHELLS SOUGHA ARASON SELECTION SANDOR SHELL THE SANDOR SHELL THE SANDOR SAN	26°0'0''N-	DAME SCAN DE CHESTO DE CAMBINA MERCHINA MARCHINA	MATAGE MILLEN MONTHARMANIAN MO	BHOTH MADE AND ADDRESS WAS ASSETTED TO SATISFACE AND ADDRESS WAS ADDRESS WAS ASSETTED TO SATISFACE AND ADDRESS WAS ASSETTED TO SATISFACE AND ADDRESS WAS ASSETTED TO SATISFACE AND ADDRESS WAS ADDRESS

SCALE 1: 1,350,000

91°0'0"E

91°30'0"E



ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



Dated: 12/12/2017

92°30'0"E

pests.

2: Telephone No.: 0364 2570276 (O) Fax: 0364 2570213/Email: <u>iaasbarapani@yahoo.in</u>

RC (AE)/30/2011/ Bulletin/December 2017/68

Agro Advisory Bulletin – WEST GARO HILLS (Period 13th – 17th December, 2017)

Weather forecast valid up to 17th December, 2017

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 24-26°C, Minimum Temp: 13-15°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 89-98%, Minimum RH: 41-54%, Wind speed: 3-5 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall: 0.0mm

C & RD BLOCK MAP OF MEGHALAYA

91°30'0"E

Agro meteorological Advisories for coming 5 days Agricultural Advisories Main Crop/ Stage Pest/Diseases **Animal /Fisheries** ASSAM Sali/Kharif Rice Maturity/Harvesting Bird scaring should be taken care of. Maintain a water level of 2-5 cm in the field. Monitor crop for swarming caterpillar attack. If the crop is mature, water should be drained out of the field at least 7 days before harvesting. Harvesting of crop should be done when leave turn yellow colour. Vegetative stage . Thinning & gap filling should be done 10-Pea 15 days after sowing. Maintain proper soil moisture in the the field by irrigation. Sowing/Vegetative growth Mustard/ Rapeseed Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67. LE 1: 1.350,000 STATE GIS LAB. Furrow application of Lime @ 250 kg/ha. (MEGHALAYA) should be done before a week of sowing. Thinning & gap filling should be done 10-15 days old crop. Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil. Maintain proper soil moisture by providing life saving irrigation. Cabbage/Broccoli/ Transplanting Transplant 3-5 weeks old seedlings at a Cauliflower spacing of 45cm row to row & 30cm plant to plant. Do earthing up after application of urea. Vegetative/ Spray Rogor 1ml/litre water to control **Dolichos bean**

Flowering stage



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				• 1	Maintain soil moisture by irrigation.
French		Harvesting stage			Harvest the dried pod for seed.
bean/Rajmas	h/cowpea	That vesting stage			Dried seed properly & store in airtight poly
	F				bags/container.
Ginger/		Harvesting stage			Harvest the crop when the above ground
turmeric				1	part of plant has fully dried.
Khasi Manda	rin	Harvesting stage C & RD BLOCK	K MAP OF MEGHALAYA	• (Harvesting of ripened fruits. Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly. Adopting the appropriate conservation techniques such as preparation of Halfmoon terrace/ tree basin, contour bunds,
	90°0'0"	E 90°30'0"E 91°0'0"E	91°30'0"E 93		bench terraces and half moon terraces for placement of manure and fertilizer and to
					reduce soil erosion/ nutrient loss during
26°30'0''N-					rainy season.
Animal Scien	ces		- 1	ı	_
Poultry		All stages			As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating
26°0'0"N-	ES NO VELLORILA	ASSAM TRADELIA RESIDELIA RESID	Manage Ri-	•]	through lightning of electric bulb to protect them from low temperature. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and
25°30'0''N-	BE TAGING	GARO HILLS CAMANDA	MONTEAD RADIAN MONTEAD RADIAN	AMAKTRIGEW AMAKTRIGEW	provide clean drinking water and changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom.
2500000		BANGLADESH	Coccidiosis		Provide plenty of fresh and clean drinking water.
25°0'0''N-					Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		GIS LAB.	Ranikhet disease	20	Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old
24°20′0′181	(IVIEGE	all A TA			and 35 days old through eye and nostril.
Piggery	90°0 [†] 0"E	All stages 91°0'0"E	91°30'0"E 9	•]	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 1 st week of age.
			Skin infection		Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buff	faloes	6-9 months calves	Brucellosis		Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
			Foot & Mouth Disease,	• 1	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease,



BANGLADESH

90°30'0"E

STATE GIS LAB. (MEGHALAYA)

90°0'0"E

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-25°0'0"N

BANGLADESH

92°0'0"E

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		Haemorrhagic Septicaemia, Black Quarter	Haemorrhagic septicaemia & Black Quarter.
Fishery			
Carps	Fingerlings	Harvesting season	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.
	Pond management	Culture ponds in winter seasons	Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter
	0.0 DD	DI COM MAD OF MECHALAY	season.
	90°0'0'E 90°30'0"E 91°0'0	BLOCK MAP OF MEGHALAY/	Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and
26°30'0"N-			treatment should be given after consulting with experts.
		Nursery ponds	Nursery pond preparation for common carp
	ASSAM	preparation	breeding can be initiated by draining out the
		~ 1	ponds properly and allowing sufficient sunlight to fall on the pond bottoms.
Suggestion: Cor	ntact nearby State Agril. Staff or KV	K staff for necessary help ar	
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25°30'0"N-	DAMACIA WEST IN CHOREST PARTIES OF THE PROPERTY OF THE PROPERT	HASI HILLS BOOK YOUR HOUSE AND HELD HELD HELD HELD HELD HELD HELD HEL	LAMITH LAMITH JAINTACHILLS AND JAINTACHILLS

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