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RC (AE)/30/2011/ Bulletin/March'2020/96

Dated: 03/03/2020

<u>Agro Advisory Bulletin – SOUTH GARO HILLS</u> (Period 4th – 8th March, 2020)

Weather forecast valid up to 8th March, 2020

There is possibility of 26.0 mm rainfall for the next five days. Maximum Temp: 20-27°C, Minimum Temp: 12-14°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 1-5 Okta, Maximum RH: 84-95%, Minimum RH: 38-63%, Wind speed: 2-5 Kmph, Wind direction: Northeast-Southeast.

General Advisories:

- > Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers to retain rainfall.OF MEGHALAYA
- Irrigate immediately after transplanting. 100 E 91 300 E
- > Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days

92°0'0"E

		ASSAM	Assam Post/Diseases Agricultural Advisories			
	Main Crop	Stage	Pest/Diseases	Agricultural Advisories		
2610' Piea	5-3-5- Carried	Pod filling/Maturity	Then the	 Severely infected plants should be removed from field and burn it. Harvest the fully developed pod in early morning. 		
25°30'0''N→	njal/Chilli	Nursery raising/ Transplanting HILLS WES OTH GAPO HILS MADESH	Damping off	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. 		
25"0"0"N- 24°30"0"N-	STATE GIS LA (MEGHALAYA 90°0'0''E	0 15 90°30'0''E 91°		 Varieties of Chini. Pusa Jwana, Kashi Ahinor, ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting. 		
Tor	nato/Capsicum	Transplanting	South American tomato leaf miner Damping off	 Monitor the incidence of South American tomatoleaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_i n_NE_India.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. 		





		•	Irrigate immediately after transplanting.
Mustard/ Rapeseed	Maturity		• Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing.
Pineapple	Harvesting (NovApril)		 Maturity indices: 1) Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour
90°0'0''E	90°30'0''E 91		2) About 25% of the eyes at the base are becoming
0.0.M-	New plantation]	 flat. 3) Method of harvesting: Harvesting is done with a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the fruit. Land preparation and layout in double row planting system.
Khasi Mandarin	^A Harvesting		Harvest along with stalk.
0'0''N-	Nursery New plantation	Party and	 To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. Budding on Rough lemon rootstock. Sowing for seedlings production. Layout in square planting/terrace and pit digging.
Gauva	Nursery wes	I ISHASI HILLS	• Patch budding of improved cultivars on local rootstock.
Strawberry	Fruiting stage	KAIISOR B	• Removal of dry cell and diseased infected leaves and fruits.
Animal Sciences BANG	GLADESH		and the second s
	ls/Birds from direct expos		
• Check for build Poultry STATE GIS L/ (MEGHALAY 90'0'0"E	(A) 0 15	SCALE 1: 1,350,000 30 60 90 5'0"E 91*30'0"E	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day.



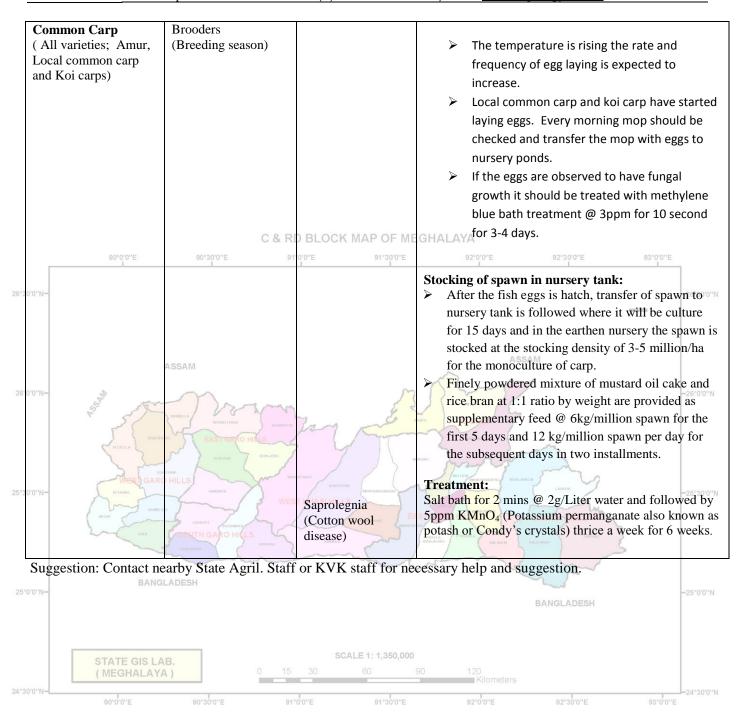


				 Isolate/separate diseased should be immediately reme Regularly inspect the dropin for any diseases 	oved. ngs of the poultry birds
				 discharge/Pus/Diarrhoea/W Vaccinate against newcast disease on 5th (4-7th) day 1 on 28th day and again on 9th 	le disease or ranikhet day oculonasal. Repeat
			Coccidiosis (Symptoms: blood/mucus in	Provide plenty of fresh andProvide coccidiostatic like	clean drinking water. Amprolium @ 25-65
			feaces)	mg/kg feed once a day as against coccidiosis.	
		C & RI	Ranikhet disease	• Vaccinate the poultry bi GHA vaccine (1 drop) at the age	
Discourse	90°0'0''E	90°30'0''E 91'	0'0"E 91°30'0"E	days old through eye and no	
Piggery-		All stages	1	 Protect pigs from exposure Ensure warmth during temperature is low by p materials. Ensure proper feed and clea Feed should be kept discussional data and the second data a	night time as the roviding dry bedding n drinking water.
26 ¹ 0'0''N-	ASSAN AND AND AND AND AND AND AND AND AND A		the former	 poisoning (aflatoxin). Vaccinate all newly born fever at the age of 3 mont booster dose. In endemic areas, vaccinate FMD vaccine once in a year Iron supplementation in p 	hs followed by annual 6 months old pigs with r.
25°20'0''N	BUTORS CARE C	CHERRY CONSTANT	Deworming Laws	 piglet anaemia during 1st IM/SC) repeat after 14 days Deworm pigs by albendaze weight once and repeat after The pregnant animals sho weeks prior to farrowing. 	week of age (0.5-1 ml
25'0'0''N-	BANG	ADESH	the second se	Most common symptoms	oughness of hair,
				Pig production cycle	
			SCALE 1: 1,350,000	Parameters	Measures
	STATE GIS LA (MEGHALAYA	B. () 0 15	30 60	Service of sows	2 or 3 times AL or 1 service boar
24°30'0''N	90°0'0''E	90°30'0''E 91°	0'0''E 91°30'0''E	Farrowing	114 days
				Weaning 02500 E Sow commences heat 02500 E	3-4 weeks 1 week after weaning
				Weaner to slaughter	20-24 weeks (growin finishing) 60-100 Kg
				Sow come to heat once in 21 day when in peak heat period (i.e. 12	
			Skin infection (Scabies)	 Provide Ivermectin (Injection wt. 	on) @ 10mg/33kg body
Fishery				· · · · · · · · · · · · · · · · · · ·	





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Dated: 03/03/2020

<u>Agro Advisory Bulletin – SOUTH WEST GARO HILLS</u> (Period 4th – 8th March, 2020)

Weather forecast valid up to 8th March, 2020

There is possibility of 27.0 mm rainfall for the next five days. Maximum Temp: 23-30°C, Minimum Temp: 14-16°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 2-5 Okta, Maximum RH: 87-93%, Minimum RH: 42-67%, Wind speed: 3-6 Kmph, Wind direction: Northeast-Southeast.

General Advisories:

- > Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers to retain rainfall. OF MEGHALAYA
- Irrigate immediately after transplanting. 91'0''E
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days

	ASSAM_		ASSAM
Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea	Pod filling/ Maturity EAST COMPOHING	man par	 Severely infected plants should be removed from field and burn it. Harvest the fully developed pod in early morning.
Brinjal/Chilli	1100	WEST HHAS HILLS Damping off SCALE 1: 1,3 15 30 60	AIKaLohn.
21"30"0"N	90°30'0''E	91°0'0''E 91°3	 Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting.
Tomato/Capsicum	Transplanting	South American tomato leaf miner Damping off	 Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_N E_India.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening.
			• Irrigate immediately after transplanting.





Mustard/ Rapeseed	Maturity	• Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing.
Pineapple	Harvesting (NovApril)	Maturity indices: 1) Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are becoming flat.
90°0'0''E	90°30'0''E	31°0′0″E 31°0′″E 3) Method of harvesting: Harvesting is done with a
5°30'0''N	New plantation	sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the fruit. Land preparation and layout in double row planting system.
Khasi Mandarin	Harvesting	Harvest along with stalk.
26°0'0''N-	ASSAM Nursery	 To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. Budding on Rough lemon rootstock. Sowing for seedlings production.
The second secon	New plantation	Layout in square planting/terrace and pit digging.
Gauva	Nursery Roman	Patch budding of improved cultivars on local rootstock.
Strawberry	Fruiting stage	WEST IMASI MILLS Removal of dry cell and diseased infected leaves and fruits.
Animal Sciences	and and the	HILLS JAINTHOULLS
		oosure to sudden rain and cold humid weather. nimal houses & if required clean the same.
Poultry	All stages	Protect chicks from sudden rain and ensure no water
-	IGLADESH	 seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed.
STATE GIS I (MEGHALA		SCALE 1: 1,350,000 Cover the shed with sack or plastic sheets at night 15 30 60 9time. 120 Nilometers
90°0'0"E	90°30́°0"E	 Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery).





			Coccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease	 Vaccinate against newcas disease on 5th (4-7th) day 1 28th day and again on 9th we Provide plenty of fresh and of Provide coccidiostatic like mg/kg feed once a day against coccidiosis. Vaccinate the poultry birds 	day oculonasal. Repeat on ek. clean drinking water. e Amprolium @ 25-65 as a preventive measure
			Kallikiet uisease	(1 drop) at the age of 4-7 through eye and nostril.	days old and 35 days old
Piggery	90°0'0''E		RD BLOCK MAP C	 Protect pigs from exposure t Ensure warmth during night low by providing dry beddin Ensure proper feed and clea Feed should be kept dry to 	time as the temperature is ng materials. n drinking water.
25°30'0''N-	0000 E	ASSAM		 (aflatoxin). Vaccinate all newly born pinthe age of 3 months followe In endemic areas, vaccinate FMD vaccine once in a year Iron supplementation in pige anaemia during Ast week 	glets against swine fever at d by annual booster dose. e 6 months old pigs with glet to prevent from piglet
36°0'0''N⊷	Solution of the solution of th		Deworming	 repeat after 14 days. Deworm pigs by albenda: weight once and repeat after the pregnant animals shou prior to farrowing. Most common symptoms cuases membrane, roughne 	er 21 days. Id be dewormed 2-3 weeks is of piglet anemia pale
25°30'0''N	BUAS BUAS BUAS		WEST HHASI HILLS	of skin. Pig production cycle Parameters Service of sows	Measures 2 or 3 times AL or Natu service boar
25°0'0''N	BAI	GLADESH		Farrowing Weaning Sow commences heat Weaner to slaughter	114 days 3-4 weeks 1 week after weaning 20-24 weeks (growing a finishing) 60-100 Kg
24°30′0''N-	STATE GIS I (MEGHALA 90°0'0''E		SCALE 1: 1,3 15 30 60 91°0'0''E 91°3	Sow come to heat once in 21 day when in peak heat period (i.e. 12	
Fisherry			Skin infection (Scabies)	Provide Ivermectin (Injection	n) @ 10mg/33kg body wt.
Fishery Common Carp (All varieties; Amur, Local common carp and Koi carps)		Brooders (Breeding season)		 The temperature is risin of egg laying is expected Local common carp and laying eggs. Every mor checked and transfer the nursery ponds. 	d koi carp have started ning mop should be





				If the eggs are observed to have fungal growth is should be treated with methylene blue bath treatment @ 3ppm for 10 second for 3-4 days.	
	90°0'0''E	90"30'0"E	& RD BLOCK MAP	supplementary feed @ 6kg/million spawn for the firs	l at xe
26°30'0''N-				5 days and 12 kg/million spawn per day for the subsequent days in two installments.	30'0''N
		ASSAM	Saprolegnia (Cotton wool disease)	Treatment: Salt bath for 2 mins @ 2g/Liter water and followed by 5ppm KMnO ₄ (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks.	
25°30'0''N-	ST LOUIS CA	TRUBELA REGIONI BORCANI ROMILLS ROMILLS ROMILLS CONTONI ALIMANA ANTOL CONTONI ALIMANA ANTOL CONTONI ALIMANA ANTOL CONTONI ALIMANA ANTOL	taff or KVK staff fo	RI-BHER MINING RI-BHER MINING MILITY MUNICIPAL OF MILITY	30'0''N
25°0'0''N-	BAN	NGLADESH		BANGLADESH -25°0	0'0''N
24°30'0''N=	STATE GIS I (MEGHALA		SCALE 1: 1 15 30 60		30'0''N



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Agro Advisory Bulletin – SOUTH WEST KHASI HILLS (Period 4th – 8th March, 2020)

Weather forecast valid up to 8th March, 2020

There is possibility of 12.0 mm rainfall for the next five days. Maximum Temp: 20-25°C, Minimum Temp: 11-12°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 1-5 Okta, Maximum RH: 76-94%, Minimum RH: 42-62%, Wind speed: 4-6 Kmph, Wind direction: Northeast.

General Advisories:

- > Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers to retain rainfall.OF MEGHALAYA
- Irrigate immediately after transplanting.
- > Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days

91°30'0''E

92°0'0''E

	Main Crop	ASSA Stage	Pest/Diseases	Agricultural Advisories
Pea 26°0'0"N-	25th Married	Pod filling/ Maturity	The for	 Severely infected plants should be removed from field and burn it. Harvest the fully developed pod in early morning.
Bri 25°30'0''N-	njal/Chilli	Nursery raising/ Transplanting	WEST PHASE HILLS	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate
25°0'0''N=	BA STATE GIS (MEGHAL/		SCALE 1: 1,350	 Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, Arka Anand.
24°30'0''N-	90°0'0''E	90°30'0''E	91°0'0''E 91°30'	 spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting.
То	mato/Capsicum	Transplanting	South American tomato leaf miner	 Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in _NE_India.html
			Damping off	 Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting.





	Mustard/ Rapeseed	Maturity		• Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing.
	Pineapple	Harvesting (NovApril)	& RD BLOCK MAP OF	 Maturity indices: Colour change is the most common method of determining the maturity of fruits. For long distance transportation: Fully mature fruits just before colour change. Canning purpose: Slight colour change at the base of fruit. Table purpose: Develops satisfactory uniform golden yellow colour ME 2) About 25% of the eyes at the base are becoming flat.
26°	90°0'0''E	90°30'0"E	91°0'0"E 91°30'	sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the fruit.
		New plantation		Land preparation and layout in double row planting system.
	Khasi Mandarin	Harvesting		 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird
26	100"N-	Nursery New plantation		 control. Budding on Rough lemon rootstock. Sowing for seedlings production. Layout in square planting/terrace and pit digging.
0.50	Gauva	Nursery ARO HILLS		Patch budding of improved cultivars on local rootstock.
25°	Strawberry	Fruiting stage	WEST KHASI HILLS	Removal of dry cell and diseased infected leaves and fruits.
	Animal Sciences	TENTH GARO HILLS	DRA RAINKON	DIFORMATION AND AND AND AND AND AND AND AND AND AN
		als/Birds from direct e	xposure to sudden rain :	and cold humid weather.
			animal houses & if req	
25	Poultry	All stages	SCALE 1: 1,350 15 30 60	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks.
24°	30'0''N		15 30 60	 Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night
	90°0'0"E	90"30"0"E	91°0'0''E 91°30'	 Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed.





25°	30'0''N-	INTERNA INTERN	Deworming Meetingen west phasi Hills	 Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days. The pregnant animals should be dewormed 2-3 weeks prior to farrowing.
25	10'0"N-	ANGLADESH	HOW TYPE	Most common symptoms of piglet anemia pale cuases membrane, roughness of hair, diarrhea,wrinkle of skin. Pig production cycle Parameters BANGLAD Measures
24°	STATE GIS (MEGHAL 30'0''N- 90'0'0''E		SCALE 1: 1,350 15 30 60 91°0'0''E 91°30'	Weaning 3-4 weeks Sow commences heat 1 week after weaning Weaner to slaughter 20-24 weeks (growin finishing) 60-100 Kg Sow come to heat once in 21 days. Breed the animals
			Skin infection (Scabies)	 when in peak heat period (i.e. 12 to 24 hrs of heat). Provide Ivermectin (Injection) @ 10mg/33kg body wt.
	Fishery Common Carp (All varieties; Amur, Local common carp and	Brooders (Breeding season)		wt.





Koi carj	ps)			 Loca layir chec nurs If the it sh 	ng eggs. Every mo cked and transfer sery ponds. e eggs are observ ould be treated v	nd koi carp have s orning mop should the mop with egg red to have fungal vith methylene bl or 10 second for 3	d be gs to growth ue bath
	90°0'0''E	о"30'0"Е	RD BLOCK MAP C	Stocking of s After the F ME nursery t 15 days a	spawn in nursery fish eggs is hatch ank is followed w and in the earthen	y tank: h, transfer of spaw where it will be cul nursery the spaw	n to ture for n is
26''30'0''N- 26''0'0''N-	ASSAM		Saprolegnia (Cotton vool disease)	 the mono Finely por rice bran suppleme first 5 da subseque Treatment: Salt bath for 2 5ppm KMnO 	oculture of carp. owdered mixture of at 1:1 ratio by we entary feed @ 6kg ys and 12 kg/mill ent days in two ins 2 mins @ 2g/Lite 4 (Potassium perr	nsity of 3-5 millio of mustard oil cak eight are provided g/million spawn fo ion spawn per day stallments. r water and follow nanganate also kn rice a week for 6 v	e and as or the / for the -26°00°1 //ed by own as
25 30 Sugges	tion: Contact nearby	State Agril. Sta	aff or KVK staff f	or necessary he	lp and suggestion	on.	-25°30'0"N
25°0'0''N⊷	BANGLADESH	HGARO HILLS	RANGE	BELLAN BERLAND DERANDER	AND	HILLS	-25°0'0''N
	STATE GIS LAB.	1	SCALE 1: 1,3	50,000	BANGL	ADESH	
	(MEGHALAYA)	0	15 30 60	90 12	20 ∎Kllometers		
24°30'0''N	90°0'0''E 9	0°30'0''E	91°0''E 91°3	0'0''E 92	2°0'0''E 92'	30'0''E 93°	-24°30'0''N D'0''E



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- > Irrigate immediately after transplanting.
- > Removal of dry cell and diseased infected leaves and fruits from strawberry.

0'0''N-	Agro	meteorologi		ies for coming 5 days
N	lain Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea	2	Pod filling/Maturity	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	 Severely infected plants should be removed from field and burn it
Brinjal 	Chilli (USUA)	Nursery-raising/ Transplanting	SCALE 1: 1,350,000 30 60 5	 Nursery seed bed preparation of 1 m width an length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomona @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping or diseases. Sow the seed in line at 5 cm spacing and irrigatimmediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant an Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmo ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting.
Tomato	o/Capsicum	90 Tränsplanting 910	South American tomato leaf miner Damping off	 Monitor the incidence of South American tomat leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link http://www.kiran.nic.in/New_Invasive_Pest_Alert_n_NE_India.html Avoid excess irrigation to control from damping or diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting.
M	d/ Rapeseed	Maturity		• Harvest the crop on sunny day by cutting at t





			base with sickle and dry properly before threshing.
Pineapple	Harvesting (NovApril)		 Maturity indices: Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour About 25% of the eyes at the base are becoming flat. Method of harvesting: Harvesting is done with
90°0'0''E	C & RD 90°30'0''E 91°0	BLOCK MAP OF ME	a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the fruit.
30'0''N	New plantation		Land preparation and layout in double row planting system.
D'O'N-	Harvesting Nursery New plantation	han and a	 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. Budding on Rough lemon rootstock. Sowing for seedlings production. Layout in square planting/terrace and pit digging.
Gauva	Nursery Noresec		Patch budding of improved cultivars on local rootstock.
Strawberry	Fruiting stage	MASI HILLS	• Removal of dry cell and diseased infected leaves and fruits.
Animal Sciences	TH GARO HILLS	HARROR	Transa Provide Alexandre Station
	Birds from direct exposu p of insect nests in anim		
Poultry BANGLA	0 15	SCALE 1: 1,350,000 30 60 9 0"E 91*30'0"E	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds



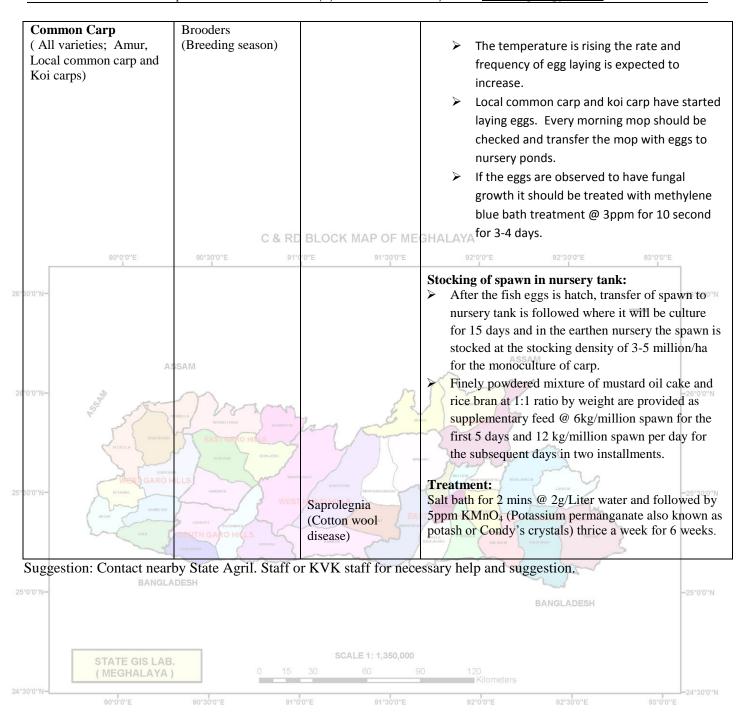


				Coccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease		for any diseases discharge/Pus/Diarrhoea/Wa Vaccinate against newcastl disease on 5 th (4-7 th) day 1 d on 28 th day and again on 9 th Provide plenty of fresh and c Provide coccidiostatic like mg/kg feed once a day as against coccidiosis. Vaccinate the poultry bir vaccine (1 drop) at the age days old through eye and no	ttery). e disease or ranikhet day oculonasal. Repeat week. elean drinking water. Amprolium @ 25-65 a preventive measure ds with F1/ Lasota of 4-7 days old and 35
	Piggery		All stages		•	Protect pigs from exposure to	
	1 1 <u>55</u> 01 y		C & RD	BLOCK MAP OF ME		Ensure warmth during	
					JEIAI	temperature is low by pi	
		90°0'0''E	90°30'0''E 91°('0''E 91°30'0''E		materials.	
					•	Ensure proper feed and clear	n drinking water.
26°	0'0''N-				•	Feed should be kept dr	y to avoid possible
						poisoning (aflatoxin).	_
					٠	Vaccinate all newly born	
						fever at the age of 3 month	ns followed by annual
		As	SAM		50	booster dose.	
				~	K	In endemic areas, vaccinate	
26	0'0''N-	Mar Strange	Mana	13	13	FMD vaccine once in a year	
		8 5	HIRRIA HERRACLIVIA	2	Ha 1	Iron supplementation in pi piglet anaemia during 1 st v	
		5 (DADENGGINI	EAST GERO HILLS	12 May	~	IM/SC) repeat after 14 days.	
		Carsens 2	RONGENG	Deworming	. 5	Deworm pigs by albendazo	
		S Provena			100	weight once and repeat after	
	0.0101	GARO H	ILLS MARKEN	Newston Anna Anna	Sec. 11.10	The pregnant animals sho	
25°	:0'0''N-	Amt	west	HASI HILLS	1	weeks prior to farrowing.	and 55 action 2530.5 No
		DIGAN CAMIFOLE	6 custors 7 h	immercente EAS	12-	Most common symptoms	of piglet anemia pale
		2 COMU \$	THE GAROHILLS	HANNON	SHELLA BROLAGANJ		ughness of hair,
		- I	KASUANALA ROBORA		1	diarrhea, wrinkle of skin.	<u> </u>
				m h	~~~	the year	
25	'0'0''N-	BANGLA	DESH			g production cycle	-25°0'0''N
						arameters BANGLADESH	Measures
					S	ervice of sows	2 or 3 times AL or 1
					Б		service boar
		STATE GIS LAB		SCALE 1: 1,350,000		arrowing	114 days 3-4 weeks
		(MEGHALAYA)	0 15	30 60 9	0.	Veaning ow commences heat	1 week after weaning
24°	0'0''N-						20-24 weeks (growing
1.000004.00		90°0'0''E	90°30'0''E 91°0	0"E 91°30'0"E		Veaner to slaughter	finishing) 60-100 Kg
							111101111g) 00 100 11g
					Sov	v come to heat once in 21 day	s. Breed the animals
						en in peak heat period (i.e. 12	
						1 1	
				Skin infection	•	Provide Ivermectin (Injectio	n) @ 10mg/33kg body
				(Scabies)		wt.	
					•		
	Fishery						





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RC (AE)/30/2011/ Bulletin/March'2020/96

Dated: 03/03/2020

92°30'0''E

Agro Advisory Bulletin – WEST JAINTIA HILLS (Period 4th – 8th March, 2020)

Weather forecast valid up to 8th March, 2020

There is possibility of 39.0 mm rainfall for the next five days. Maximum Temp: 18-25°C, Minimum Temp: 12-14°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 2-6 Okta, Maximum RH: 91-98%, Minimum RH: 58-82%, Wind speed: 3-6 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

- Take precaution from pest & diseases.
- Maintain proper drainage.
 C & RD BLOCK MAP OF MEGHALAYA
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days -

	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea 26°0'0"N=	Str. Land	Ass Pod filling/ Maturity	- Mar	 Severely infected plants should be removed from field and burn it. Harvest the fully developed pod in early morning.
Brir 23"30'0"N-	njal/Chilli	Nursery raising/ Transplanting	WEST PHASI HILLS	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately.
25°0'0''N-	STATE GIS L (MEGHALA)		SCALE 1: 1,3 15 30 60	 Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting.
24 30 0 N-	90°0'0''E	90°30'0''E	91°0'0''E 91°3	0"E 92°0'0"E 92°30'0"E 93°0'0"E
Ton	nato/Capsicum	Transplanting	South American tomato leaf miner Damping off	 Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_NE_India.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting.





Musta	rd/ Rapeseed	Maturity	Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing.
Pineap	mle	Harvesting	Maturity indices:
т шеар	фіс	(NovApril)	 Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour About 25% of the eyes at the base are becoming flat.
_	90°0'0''E	90°30'0''E	91'0'0'E 91'3'0'E sharp knife, severing the fruit-stalk with a clean cut
28°30'0''N-		New plantation	retaining 5-7 cm of stalk without damage to the fruit. Land preparation and layout in double row planting system.
Khasi I	Mandarin	Harvesting Nursery	 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. Budding on Rough lemon rootstock.
26°0'0''N-	Solution and a second	New plantation	 Sowing for seedlings production. Layout in square planting/terrace and pit digging.
Gauva	Caraca ?	Nursery AST SERVO HILLS	Patch budding of improved cultivars on local rootstock.
Strawk	Derry	Fruiting stage	Removal of dry cell and diseased infected leaves and fruits.
Anima	l Sciences	4 3	WEST IMASI HILLS -25'30'0
			posure to sudden rain and cold humid weather. nimal houses & if required clean the same.
25"0"0"N-	y BAN	All stages	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at nigh time.
	STATE GIS L (MEGHALA)		¹⁵ ³⁰ • Ensure proper ventilation during day time.
24*30'0''N-	90°0'0"E	90°30'0''E	 Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhe





			Coccidiosis	 disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week. Provide plenty of fresh and clean drinking water.
			(Symptoms: blood/mucus in feaces)	• Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive 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			(aflatovin)
26	90°00'E	90°30'0''E	91°00"E 91°3	 Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. Iron supplementation in piglet to prevent from piglet
2	6'0'0''N-	ASSAM		 anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days. The pregnant animals should be dewormed 2-3 weeks prior to farrowing. Most common symptoms of piglet anemia pale
25	"30"0"N-	ADECAN ADECAN	Mangary Market Market Street	cuases membrane, roughness of diarrhea,wrinkle of skin.
2	5°0'0''N-	GLADESH	- South	service boarFarrowing114 daysWeaning3-4 weeksSow commences heat1 week after weaningWeaner to slaughter20-24 weeks (growing finishing) 60-100 Kg
24	*30'0'N- 90°0'0'E		SCALE 1: 1,38 15 30 60 entropy entropy Skin infection (Scabies)	 Sow come to heat once in 21 days. Breed the animals when in peak heat period (i.e. 12 to 24 hrs of heat). Provide Ivermectin (Injection) @ 10mg/33kg body wt.
	Fishery			
	Common Carp (All varieties; Amur, Local common carp and Koi carps)	Brooders (Breeding season)		 The temperature is rising the rate and frequency of egg laying is expected to increase. Local common carp and koi carp have started laying eggs. Every morning mop should be
				checked and transfer the mop with eggs to nursery ponds.If the eggs are observed to have fungal growth it





Image: Saprolegnia (Cotton wool disease) Saprolegnia (Cotton wool disease) Salt bath for 2 g/Liter water and followed by Spm KMnO ₄ (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks. ASSAM Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: ASSAM -25'00'H Signal and a suggestion: Image: State Agril. Staff or KVK staff for necessary help and suggestion: -25'00'H Signal and a suggestion: Image: State Agril. Staff or KVK staff for necessary help and suggestion: -25'00'H Image: State Agril. Staff or KVK staff for necessary help and suggestion: -25'00'H Image: State Agril. Staff or KVK staff for necessary help and suggestion: -25'00'H Image: State Agril. Staff or KVK staff for necessary help and suggestion: -25'00'H Image: State Agril. Staff or KVK staff for necessary help and suggestion: -25'00'H Image: State Agril. Staff or KVK staff for necessary help and suggestion: -25'00'H Image: State Agril. Staff or KUK staff for necessary help and suggestion: -25'00'H Image: State Agril. Staff or KUK staff for necessary help and suggestion: -25'00'H Image: Staff or KUK staff for necessary help and suggestion: -25'00'H Image: Staff or KUK staff for necessary help and suggestion: -25'00'H Image: Staff or KUK staff or KUK staff o		I			
Supposed in the carbon nursery tank: After the fish eggs is hatch, transfer of spawn to nursery tank is followed where it will be culture for 15 days and in the earthen nursery the spawn is stocked at the stocking density of 3-5 million/ha for the monoculture of carp. Finely powdered mixture of nurstard oil eake and rice bran at 1:1 ratio by weight are provided as ME supplementary feed @ 6kg/million spawn for the first 5 days and 12 kg/million spawn per day for the subsequent days in two installments. Tratment: Sati bath for 2 mins @ 2g/Liter water and followed by Spm KMnOx (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks. Agents ME Supplementary feed @ 6kg/million spawn for the first 5 days and 12 kg/million spawn per day for the subsequent days in two installments. Tratment: Sati bath for 2 mins @ 2g/Liter water and followed by Spm KMnOx (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks. Agents ME Supplementary for the subsequent days in two installments. Tratment: Sati bath for 2 mins @ 2g/Liter water and followed by Supplementary for the subsequent days in two installments. Tratment: Sati bath for 2 mins @ 2g/Liter water and followed by Supplementary for the subsequent days in two installments. Tratment: Sati bath for 2 mins @ 2g/Liter water and followed by Agents ME Agents ME Agents					
 After the fish eggs is hatch, transfer of spawn to nursery tark is followed where it will be culture for 15 days and in the earthen nursery the spawn is stocked at the stocking density of 3-5 million/ha for the monoculture of of cap. Finely powdered mixture of mustard oil cake and rice bran at 1:1 ratio by weight are provided as Brown Saprolegnia (Cotton wool disease) Saprolegnia (Cotton wool disease) Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Sugada Sugada Subtaff or KVK staff for necessary help and suggestion. Subtaff or KVK staff for necessary help and suggestion. Subtaff or KVK staff or necessary help and suggestion. Subtaff or KVK staff or necessary help and suggestion. Subtaff or KVK staff or necessary help and suggestion. Subtaff or KVK staff or necessary help and suggestion. Subtaff or KVK staff or necessary help and suggestion. Subtaff or KVK staff or necessary help and suggestion. Subtaff or KVK staff or necessary help and suggestion. Subtaff or KVK staff or necessary help and suggestion. Subtaff or KVK staff or necessary help and suggestion. Subtaff or KVK staff or				treatment @ 3ppm fo	or 10 second for 3-4 days.
Image: Saprolegnia (Cotton wool disease) Salt bath for 2 mins @ 2g/Liter water and followed by 5pm KMnO4 (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: ASSAM Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: -000000000000000000000000000000000000		90°0'0''E 90°30'0''		 After the fish eggs is hatch nursery tank is followed w days and in the earthen nu the stocking density of 3-5 monoculture of carp. Finely powdered mixture bran at 1:1 ratio by weight ME supplementary feed @ 6kg 5 days and 12 kg/million s 	h, transfer of spawn to where it will be culture for 15 rsery the spawn is stocked at 5 million/ha for the of mustard oil cake and rice t are provided as g/million spawn for the first spawn per day for the
Saprolegnia (Cotton wool disease) Salt bath for 2 mins @ 2g/Liter water and followed by Sppm KMnO ₄ (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks. ASSAM	26°30'0''N-			Treatment	26°30'0''N
Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion: Suggestion: Contact nearby State Agril. Staff or KV			Saprolegnia	Salt bath for 2 mins @ 2g/Lite	
AssAM LINCKLOY A SAMM			(Cotton wool		
Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.		ASSAM	disease)		ice a week for 6 weeks.
25'30'N 25'0'N EXTRE GIS LAB. (MEGHALAYA) A 30'N A 30'N	Suggestio	n: Contact nearby State Agril	I. Staff or KVK staff for nece	ssary help and suggestion.	26°0′0''N
25"0""N- STATE GIS LAB. (MEGHALAYA) 0 15 30 60 90 120 Kilometers 24"30""N-	25°30'0''N	BF TAGING CAMERICANE		HARANG HA	-25"30"0"N
SCALE 1: 1,350,000 BANGLADESH 0 15 30 60 90 120 Kilometers -24*300"N -24*300"N -24*300"N -24*300"N	000000	BANGLADESH			
STATE GIS LAB. (MEGHALAYA) 0 15 30 60 90 120 X4'30'0'N -24'30'0'N	25.0 0 N=			BANG	Contraction of the second s
	24°30'0''N	90°0'0''E 90°30'0''E	91°0''E 9	1°30'0''E 92°0'0''E 9	



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RC (AE)/30/2011/ Bulletin/March'2020/96

Dated: 03/03/2020

Agro Advisory Bulletin – WEST KHASI HILLS (Period 4th – 8th March, 2020)

Weather forecast valid up to 8th March, 2020

There is possibility of 43.0 mm rainfall for the next five days. Maximum Temp: 19-22°C, Minimum Temp: 11-13°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 1-5 Okta, Maximum RH: 90-98%, Minimum RH: 56-78%, Wind speed: 4-6 Kmph, Wind direction: Southeast-Southwest.

General Advisories:

- > Take precaution from pest & diseases.
- Maintain proper drainage. C & RD BLOCK MAP OF MEGHALAYA
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

	Main Cran	Ctorio		
_	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea		A Pod filling/Maturity		• Severely infected plants should be removed fro field and burn it.
'0''N-	55 MM Starter	Moren	E.	• Harvest the fully developed pod in early morning
Brinj	al/Chilli	Nursery raising/	han me	• Nursery seed bed preparation of 1 m width a
	SELSELLA DADESI	Transplanting		length as per convenience and 15 cm above t
	2 2-	SONGSAN RONGENG		ground.
		D HILLS		• Beds to be ploughed and mixed with FYM @
'0''N-	RETASING	EANDERS A		kg/m^2 and levelled it properly.
	DICAN CAMPE		PINOI MILLO	• Seed treatment with Trichoderma or Pseudomor
	2 - Comment	CHOKPOT BACHMARA	Damping off	@ 2-4 kg of seed before sowing.
		CERTAINANA ROARD BORGRA		Avoid excess irrigation to control from damping of diseases.
		- Alm		diseases.
	BANG	LADESH		• Sow the seed in line at 5 cm spacing and irrigation immediately.
'0''N-	BANG	LADEON		 Varieties of Brinjal: Arka Nidhi, Arka Nilkant a
				Arka Anand.
				• Varieties of Chilli: Pusa Jwalla, Kashi Anmo
				ArkaLohit
	STATE GIS LA	B.	SCALE 1: 1,350,000	• Transplant one month old seedling at 50 x 60 c
	(MEGHALAY	A) 0 15	30 60	spacing in brinjal and 50 x 60 cm in chilli.
'0''N-	1		1	• Irrigate immediately after transplanting.
	90°0'0''E		0'0''E 91°30'0''E	
Toma	ato/Capsicum	Transplanting	South American	• Monitor the incidence of South American toma
			tomato leaf	leaf miner & destroy the infested leaves at init
			miner	stages in the nursery (Damage symtoms may verified from lir
				verified from lin http://www.kiran.nic.in/New_Invasive_Pest_Alert
				n_NE_India.html
			Damping off	 Avoid excess irrigation to control from damping of
			1.0	diseases.
				• Transplant one month old seedling at 50 x 50 c
				spacing in evening.
				 Irrigate immediately after transplanting.





	Mustard/ Rapeseed	Maturity		• Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing.
	Pineapple	Harvesting (NovApril)		 Maturity indices: Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour About 25% of the eyes at the base are becoming flat.
	90°0'0''E	90°30'0''E 91	D BLOCK MAP OF ME	 GH 3) Method of harvesting: Harvesting is done with a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the
26°	10'0''N	New plantation		fruit. Land preparation and layout in double row planting system.
	Khasi Mandarin	Harvesting		 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird
26	0'0'N-	Nursery New plantation	my for	 control. Budding on Rough lemon rootstock. Sowing for seedlings production. Layout in square planting/terrace and pit digging.
25°	Gauva	Nursery HILLS		Patch budding of improved cultivars on local rootstock.
	Strawberry Animal Sciences	Fruiting stage	SOLECT	Removal of dry cell and diseased infected leaves and fruits.
		s/Birds from direct expos up of insect nests in anir		
25	Poultry	All stages	SCALE 1: 1,350,000	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks.
24°	(MEGHALAY. 90°0'0'E	A) 0 15	30 60 0'0''E 91*30'0''E	 Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time.
				 Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking.
				 Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed.



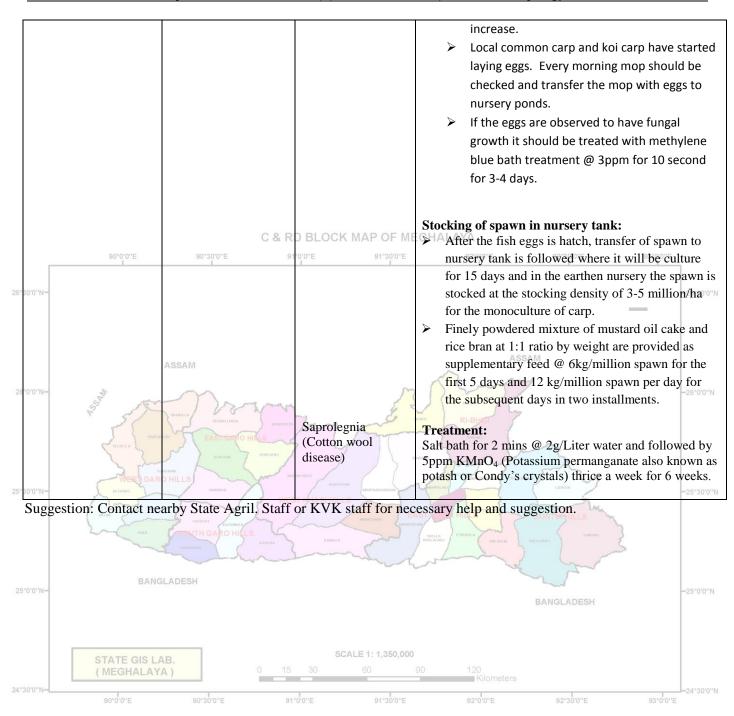


			Coccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease	 Regularly inspect the dropin for any diseases discharge/Pus/Diarrhoea/Wa Vaccinate against newcastl disease on 5th (4-7th) day 1 c on 28th day and again on 9th Provide plenty of fresh and c Provide coccidiostatic like mg/kg feed once a day as against coccidiosis. Vaccinate the poultry bir vaccine (1 drop) at the age days old through eye and no 	symptom(Blood itery). e disease or ranikhet day oculonasal. Repeat week. elean drinking water. Amprolium @ 25-65 a preventive measure ds with F1/ Lasota of 4-7 days old and 35 stril.
]	Piggery	All stages C & R	D BLOCK MAP OF ME	•HAProtect pigs from exposure to	
26°30'i	90°0'0''E.	90°30'0''E 91	'0'0''E 91*30'0''E	 Ensure warmth during temperature is low by primaterials. Ensure proper feed and clear Feed should be kept dripoisoning (aflatoxin). Vaccinate all newly born fever at the age of 3 month 	oviding dry bedding a drinking water. ^{26'300'N} y to avoid possible piglets against swine
26°0'	D'N-		the former	 booster dose. In endemic areas, vaccinate of FMD vaccine once in a year Iron supplementation in pipilet anaemia during 1st w IM/SC) repeat after 14 days. Deworm pigs by albendazo 	glet to prevent from veek of age (0.5-1 ml
25°30'I	D"N-	CONTON AND AND AND AND AND AND AND AND AND AN	Deworming P INHA SI HILLS RANKING	 weight once and repeat after The pregnant animals show weeks prior to farrowing. Most common symptoms 	r 21 days. uld be dewormed 2-3
25°0'	BANG	LADESH		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-25°0'0''N
	2010			Pig production cycle _{ANGLADESH}	
	STATE GIS LA	P	SCALE 1: 1,350,000	Parameters Service of sows Farrowing	Measures2 or 3 timesAL or 1service boar114 days
	(MEGHALAY		30 60	Weaning lometers	3-4 weeks
24°30'	0''N-			Sow commences heat	1 week after weaning
	90°0'0"E	90°30'0''E 91'	o'o''E 91°30'0''E	Weaner to slaughter	20-24 weeks (growin finishing) 60-100 Kg
				Sow come to heat once in 21 day when in peak heat period (i.e. 12	
			Skin infection (Scabies)	• Provide Ivermectin (Injection wt.	n) @ 10mg/33kg body
	Fishery	D 1			
(Common Carp (All varieties; Amur, Local common carp and Koi carps)	Brooders (Breeding season)		The temperature is risin frequency of egg laying	





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RC (AE)/30/2011/ Bulletin/March'2020/96

Dated: 03/03/2020

93°0'0''E

<u> Agro Advisory Bulletin – East Garo Hills</u>

(Period 4th – 8th March, 2020)

Weather forecast valid up to 8th March, 2020.

There is possibility of 7.0 mm rainfall for the next five days. Maximum Temp: 20-29°C, Minimum Temp: 12-15°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 1-5 Okta, Maximum RH: 84-92%, Minimum RH: 37-67%, Wind speed: 3-5 Kmph, Wind direction: Northeast-Southeast.

General Advisories:

- > Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers to retain rainfall.
- Irrigate immediately after transplanting.
- Removal of dry cell and diseased infected leaves and fruits from strawberry.
 - 90°0°"E 90°30°"E 91°0°"E 91°30°"E

Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea	Pod filling/ Maturity ASSAM		 Severely infected plants should be removed from field and burn it. Harvest the fully developed pod in early morning.
Brinjal/Chilli	Nursery raising/ Transplanting Hereitan GRO HILLS CARE OF CONTROL OF CONTROL BANGLADESH	Damping off Bourses WEST MHASI HILLS UNEXT MHASI HILLS	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting.
24*30'0''N-	EGHALAYA)	South America tomato leaf ³⁰ miner Damping off	 & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_NE_I ndia.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting.
Mustard/ Rapeseed	Maturity		• Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing.
Pineapple	Harvesting (NovApril)		Maturity indices: 1) Colour change is the most common method of





			determining the maturity of fruits.
			a) For long distance transportation: Fully mature fruits just before colour change.
			b) Canning purpose: Slight colour change at the
			base of fruit.
			c) Table purpose: Develops satisfactory uniform
			golden yellow colour
			2) About 25% of the eyes at the base are becoming flat.
			3) Method of harvesting: Harvesting is done with a sharp
			knife, severing the fruit-stalk with a clean cut retaining 5-7
	New		cm of stalk without damage to the fruit. Land preparation and layout in double row planting system.
	plantation		Land preparation and rayout in double row planting system.
Khasi Mandarin	Harvesting		• Harvest along with stalk.
	11ml (esting	C & RD BLOCK MAP	• To prevent bird damage of Khasi Mandarin fruit use bird
	90°0'0''E 90°30'0''E	91°0'0''E	netting or use traditional methods of bird control.
	Nursery		Budding on Rough lemon rootstock.
26°30'0''N-			• Sowing for seedlings production26'30'0'N
	New plantation		• Layout in square planting/terrace and pit digging.
Gauva	Nursery		• Patch budding of improved cultivars on local rootstock.
	000000		ASSAM
Strawberry	Fruiting stage		• Removal of dry cell and diseased infected leaves and fruits.
Animal Sciences	- Andra	ma made as	-26°0'0'N
	imals/Birds from direct e	xposure to sudden rain an	d cold humid weather.
		animal houses & if requi	
Poultry	All stages	7 консина	• Protect chicks from sudden rain and ensure no water
	ROHGRAM	Same and Same	seepage in the shed.
25°30'0''N-	BE ASHS	Wordstore Months	• Brooder management should be ensured by providing heat
	CAMILE CILE	WEST MHASI HILLS	source 2 watt/chicks electric bulb. 7-10 square inches
200	АК СНОКРОТ ДАСНЫХ	the second second	space/chicks.
~	THE STATE GAROH	LS HOHORA HANKOR	 Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time.
		mand	 Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time.
	BANGLADESH		 Provide vitamin B complex @ 7ml/litre in drinking water
25°0'0''N-	BANGLADESH		daily in broiler for healthy growth.
			• Avoid dampening of litter material and keep them dry.
			• Litter materials should be spread upto 2-3 inches thickness
			and stirred frequently. Treat litter with lime to avoid
	TATE GIS LAB.	SCALE 1:	caking.
1)	MEGHALAYA)	0 15 30 60	• Provide clean drinking water and change the water every
24°30'0''N-	90°0 0''E 90°30'0''E	91°0'0''E	day.
			• Isolate/separate diseased bird and dead birds should be immediately removed
			immediately removed.Regularly inspect the dropings of the poultry birds for any
			diseases symptom(Blood
			discharge/Pus/Diarrhoea/Watery).
			• Vaccinate against newcastle disease or ranikhet disease on
			5 th (4-7 th) day 1 day oculonasal. Repeat on 28 th day and
			again on 9 th week.
		Coccidiosis	• Provide plenty of fresh and clean drinking water.
		(Symptoms:	• Provide coccidiostatic like Amprolium @ 25-65 mg/kg
		blood/mucus in	feed once a day as a preventive measure against
		feaces)	coccidiosis.
		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1





			drop) at the age of 4-7 day eye and nostril.	s old and 35 days old through	
Piggery	All stages	C & RD BLOCK MAP	 Protect pigs from exposure to rain and cold. Ensure warmth during night time as the temperature is low by providing dry bedding materials. Ensure proper feed and clean drinking water. Feed should be kept dry to avoid possible poisoning (aflatoxin). Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. Iron supplementation in piglet to prevent from piglet after 14 days. Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days. The pregnant animals should be dewormed 2-3 weeks prior to farrowing. Most common symptoms of piglet anemia pale cuases membrane, roughness of hair, diarrhea,wrinkle of skin. 		
26°30'0''N	ASSAM	Deworming			
26°0'0''N-		C HILLS	Pig production cycle Parameters Service of sows Farrowing Weaning Sow commences heat	Measures -26°0'0"N 2 or 3 times AL or Natural service boar 114 days 3-4 weeks 1 week after weaning	
25°30'0'N-	CARE OR HILLS	UEST INTA SI HILLS	Weaner to slaughter Sow come to heat once in 21 day peak heat period (i.e. 12 to 24 hr	20-24 weeks (growing and finishing) 60-100 Kg	
25°0'0''N-	BANGLADESH	Skin infection (Scabies)	Provide Ivermectin (Injectio BANG	n) @ 10mg/33kg body wt.	
common carp and ^{(M} Koi carps)	Brooders (Breeding-season) A E GIS LAB. E GI	SCALE 1: 0 15 30 60 91*0*0"E	 egg laying is expected t Local common carp and eggs. Every morning m transfer the mop with e If the eggs are observed should be treated with treatment @ 3ppm for Stocking of spawn in nursery t 	d koi carp have started laying op should be checked and eggs to nursery ponds. d to have fungal growth it methylene blue bath 10 second for 3-4 days. ank:	
			After the fish eggs is hatch, tank is followed where it will the earthen nursery the spaw density of 3-5 million/ha for	Il be culture for 15 days and in n is stocked at the stocking	

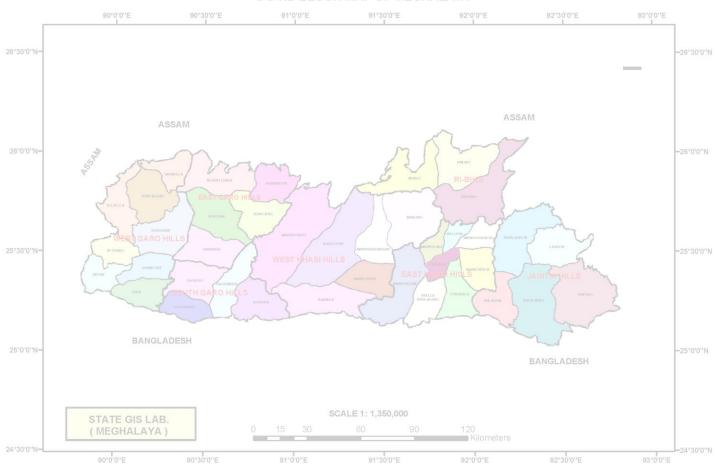




2: Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: iaasbarapani@yahoo.in

	 Finely powdered mixture of mustard oil cake and rice bran at 1:1 ratio by weight are provided as supplementary feed @ 6kg/million spawn for the first 5 days and 12 kg/million spawn per day for the subsequent days in two installments.
Saprolegnia (Cotton wool disease)	Treatment: Salt bath for 2 mins @ $2g$ /Liter water and followed by 5ppm KMnO ₄ (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks.

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



C & RD BLOCK MAP OF MEGHALAYA





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RC (AE)/30/2011/ Bulletin/March'2020/96

Dated: 03/03/2020

92°30'0''E

<u>Agro Advisory Bulletin – EAST JAINTIA HILLS</u> (Period 4th – 8th March, 2020)

Weather forecast valid up to 8th March, 2020

There is possibility of 23.0 mm rainfall for the next five days. Maximum Temp: 19-25°C, Minimum Temp: 11-13°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 1-5 Okta, Maximum RH: 84-94%, Minimum RH: 45-78%, Wind speed: 4-8 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

- > Take precaution from pest & diseases.
- > Repair bunds, shoulder bunds and risers to retain rainfall.
- > Irrigate immediately after transplanting. C & RD BLOCK MAP OF MEGHALAYA
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days

Main	Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea 26°0'0''N-	ASS AN	Pod filling AM Maturity		 Severely infected plants should be removed from field and burn it. Harvest the fully developed pod in early morning.
Brinjal/C 25°30'0''N− 25°0'0''N−	Chilli	Nursery raising/ Transplanting CARO HILLS COMPANY COMP	OHUS MEAN MEAN MEAN MEAN MEAN MEAN MEAN MEAN	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting.
Tomato/ 24"30'0"N-		Transplanting EGHALAYA)	South American tomato leaf 30 miner 91700'E Damping off	 Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_NE_Indi a.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting.
Mustard/ Rapeseed		Maturity		• Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing.
Pineapple	e	Harvesting (NovApril)		Maturity indices: 1) Colour change is the most common method of determining the maturity of fruits.





	-		
Khasi Mandarin	New plantation Harvesting		 a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are becoming flat. 3) Method of harvesting: Harvesting is done with a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the fruit. Land preparation and layout in double row planting system. Harvest along with stalk.
Kilasi Wanuarin		C & RD BLOCK N	• To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
	^{90°} Nursery 90°30'0''E	91°0'0''E	Budding on Rough lemon rootstock.
26*30'0''N-	New plantation		 Sowing for seedlings production. Layout in square planting/terrace and pit digging.
Gauva	Nursery		• Patch budding of improved cultivars on local rootstock.
Strawberry	Fruiting stage		• Removal of dry cell and diseased infected leaves and fruits.
Animal Sciences			
	mals/Birds from direct	exposure to sudden rain	and cold humid weather.
		in animal houses & if re	
Poultry	All stages		• Protect chicks from sudden rain and ensure no water seepage
	ATE GIS LAB. GHALAYA)	VECT INFLAST HILLS UNEST INFLAST HILLS UNEST INFLAST HILLS NATURE INFLASTING ILLS NATURE IN	 in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any
24°30'0''N-	00'0''E 90°30'0''E	91°0'0''E	 Kegularly inspect the diopings of the poundy birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week.
		Coccidiosis	• Provide plenty of fresh and clean drinking water.
		(Symptoms:	 Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed
		blood/mucus in	once a day as a preventive measure against coccidiosis.
		feaces)	ence a day as a proventive measure against executions.
		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	All stages		Protect pigs from exposure to rain and cold.
- 166v1 J	in suges		
			• Ensure warmth during night time as the temperature is low by providing dry bedding materials.





	0"0"0"E 90"30"0"E	Deworming C & RD BLOCK M	 (aflatoxin). Vaccinate all newly born pig of 3 months followed by ann In endemic areas, vaccinate vaccine once in a year. Iron supplementation in pigl during 1st week of age (0.5-1 Deworm pigs by albendaz once and repeat after 21 day The pregnant animals shou to farrowing. Most common symptoms membrane, roughness of ha 	y to avoid possible poisoning glets against swine fever at the age hual booster dose. e 6 months old pigs with FMD et to prevent from piglet anaemia ml IM/SC) repeat after 14 days. ole @ 5-10 mg/kg body weight /s. ld be dewormed 2-3 weeks prior of piglet anemia pale cuases
26°30'0''N-			Pig production cycle Parameters	Measures -26"30'0"
			Service of sows	2 or 3 times AL or Natural
				service boar
			Farrowing	114 days
	ASSAM		Weaning ASSAM Sow commences heat	3-4 weeks
26°0'0''N-	00		Weaner to slaughter	1 week after weaning 20-24 weeks (growing and w
26°0'0''N-	the Dra	- Inn		finishing) 60-100 Kg
	5 TRANSLA NEROSELO	A RHARRETTS ZZ	RI-BHET	
~	ELSELLA PARENGERS	RO HILLS	Sow come to heat once in 21 day	
	Sources	Понсянс	peak heat period (i.e. 12 to 24 hrs	s of heat).
	WEST GARO HILLS	Skin infection	Drottide Lyperpacting (Inigation	n) @ 10mg/33kg body wt25*30'0"N
25°30'0''N-	IT TASKS	(Scabies)	• Flovide Iverniecuni (injectio	ii) @ Tonig 55kg body wt. 25 30'0'N
Fishery	Sandy CHOKPOT JACH	makes hard	MARTINE CAST HILLS IN A	INTEGHILLS
Common Carp	Brooders	HAMMAGH	SHELLA PYNIRSEA ANA. ANG. ANG. ANG. ANG. ANG. ANG. ANG	NAY SAFUNG.
(All varieties; Amur, Local	(Breeding season)	har		g the rate and frequency of egg
common carp and	BANGLADESH		laying is expected to inc	
Koi carps)				koi carp have started laying or N
				op should be checked and
			transfer the mop with e	
STA	TE GIS LAB.	SCAL	21:1,350,000	I to have fungal growth it should ene blue bath treatment @ 3ppm
(M	EGHALAYA)	0 15 30	Vilamatara	
24°30'0''N-	0'0''E 90°30'0''E	91°0'0''E	for 10 second for 3-4 da	92°30'0''E 93°0'0''E
			Stocking of spawn in nursery t	
				ransfer of spawn to nursery tank
			is followed where it will be o	-
			earthen nursery the spawn is 3-5 million/ha for the monoc	stocked at the stocking density of
				mustard oil cake and rice bran at
				ded as supplementary feed @
			6kg/million spawn for the fir	
				juent days in two installments.
				1 · · · · · · · · · · · · · · · · · · ·
			Treatment:	

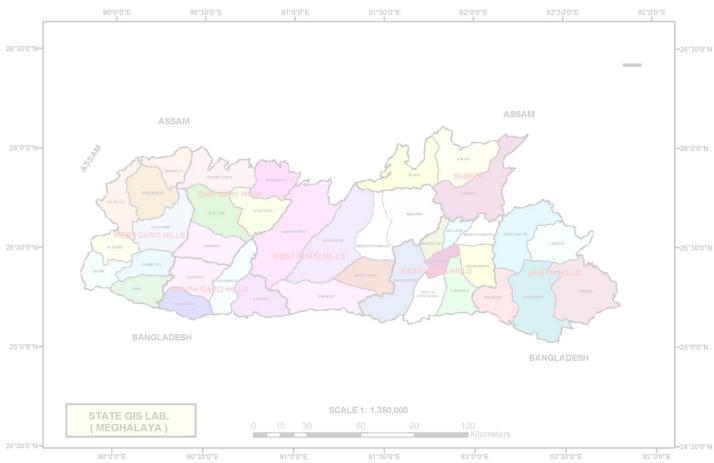




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Saprolegnia (Cotton wool disease)	Salt bath for 2 mins @ 2g/Liter water and followed by 5ppm KMnO ₄ (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks.

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



C & RD BLOCK MAP OF MEGHALAYA





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RC (AE)/30/2011/ Bulletin/March'2020/96

Dated: 03/03/2020

Agro Advisory Bulletin – EAST KHASI HILLS (Period 4th – 8th March, 2020)

Weather forecast valid up to 8th March, 2020

There is possibility of 41.0 mm rainfall for the next five days. Maximum Temp: 19-24°C, Minimum Temp: 11-12°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 2-5 Okta, Maximum RH: 88-95%, Minimum RH: 51-79%, Wind speed: 4-7 Kmph, Wind direction: South-Northwest.

91°30'0''E

General Advisories:

- > Take precaution from pest & diseases.
- Maintain proper drainage.
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

90°30'0''E

91°0'0"E

Agro meteorological Advisories for coming 5 days 26°30'0''N-Pest/Diseases **Agricultural Advisories** Main Crop Stage Pod filling/ Pea Severely infected plants should be removed from field Maturity and burn it. Harvest the fully developed pod in early morning. • **Brinjal/Chilli** Nursery raising/ Nursery seed bed preparation of 1 m width and length as •/ Transplanting per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 • kg of seed before sowing. Damping off Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. BANGLADESH Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. BANGLADESH Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting. SCALE 1: 1,3 GIS LAB. **Tomato/Capsicum** Transplanting South American Monitor the incidence of South American tomato leaf tomato leaf miner & destroy the infested leaves at initial stages in the miner nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_N E India.html Damping off Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. • Irrigate immediately after transplanting. **Mustard/Rapeseed** Maturity Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing. Pineapple Harvesting Maturity indices:





	(NovApril)		1) Colour change is the most common method of
			determining the maturity of fruits.
			a) For long distance transportation: Fully mature
			fruits just before colour change.
			b) Canning purpose: Slight colour change at the
			base of fruit.
			c) Table purpose: Develops satisfactory uniform
			golden yellow colour
			2) About 25% of the eyes at the base are becoming flat.
			3) Method of harvesting: Harvesting is done with a
			sharp knife, severing the fruit-stalk with a clean cut
			retaining 5-7 cm of stalk without damage to the fruit.
	New		Land preparation and layout in double row planting system.
	plantation		
Khasi Mandarin	Harvesting	C & RD BLOCK MAP C	• Harvest along with stalk.
90°0'0'	E 90°30'0''E	91°0'0"E 91°	• To prevent bird damage of Khasi Mandarin fruit use bird
			netting or use traditional methods of bird control.
26°30'0''N-	Nursery		
26-30 0 N-	realberg		
	New plantation		Sowing for seedlings production.
	New plantation		• Layout in square planting/terrace and pit digging.
Gauva	Nursery		Patch budding of improved cultivars on local rootstock.
Gauva	Nursery		• Fatch budding of hiproved cultivars on local footstock.
Strawberry	Fruiting stage		• Removal of dry cell and diseased infected leaves and
	And I have	7 man	fruits.
Animal Sciences	TRADERLA REPORTED AND		
	Birds from direct ever	osure to sudden rain and	cold humid weather
		nimal houses & if require	
Poultry	All stages		• Protect chicks from sudden rain and ensure no water
DAE OF	S GARO HILLS	Moneston	seepage in the shed.
25°30'0''N-	EMMANEA /	3 WEST KHASI HILLS	• Brooder management should be ensured by providing
THE AM	J CAMBEGRE	2 / /	heat source 2 watt/chicks electric bulb. 7-10 square
Land	DALE CHOKTOT BACHMERA		inches space/chicks.
	y and the owned	BOHORA HARKOR	 Maintain hygiene and sanitation in poultry shed.
	- Ll	hours	
			• Cover the shed with sack or plastic sheets at night time.
25°0'0''N-	BANGLADESH		• Ensure proper ventilation during day time.
			• Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
			• Avoid dampening of litter material and keep them dry.
			• Litter materials should be spread upto 2-3 inches
	GIS LAB.	SCALE 1: 1,3	thickness and stirred frequently. Treat litter with lime
(MEGH	ALAYA)	0 15 30 60	to avoid caking.
24°30'0''N-			
	1	- I	• Provide clean drinking water and change the water
90°0'0''E	90°30'0''E	91°0'0''E 91°3	• Provide clean drinking water and change the water every day.
	90°30'0''E	91°0'0''E 91°3	every day.
	90°30'0''E	91°0'0"E 91°	 every day. Isolate/separate diseased bird and dead birds should be
	90°30'0''E	91°0'0"E 91°	 every day. Isolate/separate diseased bird and dead birds should be immediately removed.
	90°30'0''E	91°0''0''E. 91°	 every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for
	90°30'0''E	91°0'0''E 91°	 every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood
	90°30'0''E	91°0'0"E 91°	 every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery).
	90°30'0''E	91°0'0"E 91°3	 every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease
	90°30'0''E	91°0'0"E 91°3	 every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day
	90°30'0''E		 every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week.
	90°30'0''E	Coccidiosis	 every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week. Provide plenty of fresh and clean drinking water.
	90°30'0''E	Coccidiosis (Symptoms:	 every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65
	90°30'0''E	Coccidiosis	 every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week. Provide plenty of fresh and clean drinking water.





		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	All stages	C & RD BLOCK MAP C	 Protect pigs from exposure to rain and cold. Ensure warmth during night time as the temperature is low by providing dry bedding materials. Ensure proper feed and clean drinking water. Feed should be kept dry to avoid possible poisoning (aflatoxin). Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
90°0 26°30'0''N-	ASSAM	Deworming	 anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days. The pregnant animals should be dewormed 2-3 weeks prior to farrowing. Most common symptoms of piglet anemia pale cuases membrane, roughness of hair, diarrhea, wrinkle of skin.
26"0'0"N-	AND CARE OR CONTRACTOR OF CONTRACTON OF CONTRACTOR OF CONT	XILIUUTTA S RICERO WEST ISHASI HILLS WEST ISHASI HILLS MORTOOR ANEXA	Pig production cycle 2000 M Parameters Measures Service of sows 2 or 3 times AL or Natu service boar Farrowing 114 days Weaning 3-4 weeks Sow commences heat 1 week after weaning Weaner to slaughter 20-24 weeks (growing a finishing) 60-100 Kg Sow come to heat once in 21 days. Breed the animals when in peak heat period (i.e. 12 to 24 hrs of heat).
25°0'0''N	BANGLADESH	Skin infection (Scabies)	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Fishery		/	
Common Carp (All varieties; Amur, Local common carp and Koi carps)	SHALAYA)	SCALE 1: 1,3 0 15 30 60 91°0'0''E 91°	The temperature is rising the rate and frequency of egg laying is expected to increase. 24'300'N
			 Stocking of spawn in nursery tank: ➢ After the fish eggs is hatch, transfer of spawn to nursery tank is followed where it will be culture for 15

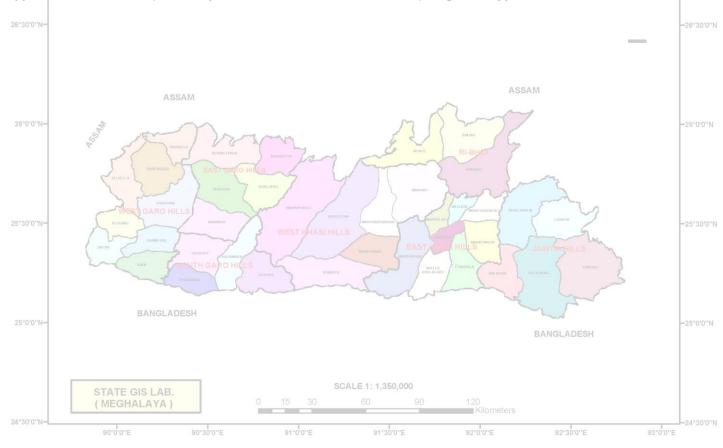




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	 days and in the earthen nursery the spawn is stocked at the stocking density of 3-5 million/ha for the monoculture of carp. Finely powdered mixture of mustard oil cake and rice bran at 1:1 ratio by weight are provided as supplementary feed @ 6kg/million spawn for the first 5 days and 12 kg/million spawn per day for the subsequent days in two installments.
Saprolegnia (Cotton wool disease) C & RD BLOCK MAP O	Treatment: Salt bath for 2 mins @ 2g/Liter water and followed by 5ppm KMnO ₄ (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks.

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





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RC (AE)/30/2011/ Bulletin/March'2020/96

Dated: 03/03/2020

93°0'0''E

92°30'0''E

<u>Agro Advisory Bulletin – NORTH GARO HILLS</u> (Period 4th – 8th March, 2020)

Weather forecast valid up to 8th March, 2020

There is possibility of 7.0 mm rainfall for the next five days. Maximum Temp: 20-29° C, Minimum Temp: 13-16° C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-5 Okta, Maximum RH: 77-90%, Minimum RH: 34-64%, Wind speed: 4-7 Kmph, Wind direction: Northeast.

General Advisories:

26°30'0"N-

- Take precaution from pest & diseases.
- > Repair bunds, shoulder bunds and risers to retain rainfall.
- Irrigate immediately after transplanting. C & RD BLOCK MAP OF MEGHALAYA
- Removal of dry cell and diseased infected leaves and fruits from strawberry. 9200'E

Agro meteorological Advisories for coming 5 days

26°30'0''N

Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea	Pod filling/ Maturity ^M		 Severely infected plants should be removed from field and burn it. Harvest the fully developed pod in early morning.
	BANGLADESH	Damping off NAME OF THE OWNER OWNER OF THE OWNER OWNER SCALE 1: SCALE 1:	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli.
Tomato/Capsicum	Transplanting	South American tomato leaf miner Damping off	 Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_N E_India.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting.
Mustard/ Rapeseed	Maturity		• Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing.





Pineapple	Harvesting		Maturity indices:
	(NovApril)		1) Colour change is the most common method of
			determining the maturity of fruits.
			a) For long distance transportation: Fully mature
			fruits just before colour change.
			b) Canning purpose: Slight colour change at the
			base of fruit.
			c) Table purpose: Develops satisfactory uniform
			golden yellow colour
			2) About 25% of the eyes at the base are becoming flat.
			3) Method of harvesting: Harvesting is done with a
			sharp knife, severing the fruit-stalk with a clean cut
		C & RD BLOCK MAP OI	retaining 5-7 cm of stalk without damage to the fruit.
	New		Land preparation and layout in double row planting system.
90°0'0	^E plantation ^{0"E}	91°0'0"E 91°30	
Khasi Mandarin	Harvesting		• Harvest along with stalk.
26°30'0''N-			• To prevent bird damage of Khasi Mandarin fruit use bird
			netting or use traditional methods of bird control.
	Nursery		Budding on Rough lemon rootstock.
			Sowing for seedlings production.
	New plantation		• Layout in square planting/terrace and pit digging.
	ASSAM		
Gauva N-	Nursery		 Patch budding of improved cultivars on local rootstock.
S	A IN	2/~~~~	E C C C C C C C C C C C C C C C C C C C
Strawberry 🥠	Fruiting stage) XHARACTER Jam James	• Removal of dry cell and diseased infected leaves and
June	BARENGERI EASTGRO	Rend Ling	fruits.
Animal Sciences	DATE RECEIL	консинс	fruits.
Animal Sciences Protect Animal		posure to sudden rain and co	bld humid weather.
Animal Sciences Protect Animal 25"3010"N-Check for build 	l up of insect nests in a	posure to sudden rain and continued in the sudden rain and continu	bld humid weather
Animal Sciences Protect Animal			old humid weather. clean the same. • Protect chicks from sudden rain and ensure no water
Animal Sciences Protect Animal 25"3010"N-Check for build 	l up of insect nests in a All stages		old humid weather. clean the same. Protect chicks from sudden rain and ensure no water seepage in the shed.
Animal Sciences Protect Animal 25"3010"N-Check for build 	l up of insect nests in a		 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing
Animal Sciences Protect Animal 25"3010"N-Check for build 	l up of insect nests in a All stages		 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square
Animal Sciences Protect Animal 25"3010"N-Check for build 	All stages		 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks.
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Animal Sciences Protect Animal Sciences Protect Animal Poultry	All stages		 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time.
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Animal Sciences Protect Animal Sciences Poultry 25'00'N- Check for build State (MEG	All stages	SCALE 1: 1,35	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches
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Animal Sciences Protect Animal Sciences Check for build Poultry 25'0'0'N- STATE (MEG	All stages All stages BANGLADESH	nimal houses & if required	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week.
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		blood/mucus in feaces)	mg/kg feed once a day as a preventive 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	All stages	C & RD BLOCK MAP OF	 Protect pigs from exposure to rain and cold. Ensure warmth during night time as the temperature is low by providing dry bedding materials. Ensure proper feed and clean drinking water. Feed should be kept dry to avoid possible poisoning (aflatoxin). Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.
90°0'0	'E 90°30'0''E	91°0'0"E 91°30	FMD vaccine once in a year
26°30'0''N-		Deworming	 Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
26°0'0'N-		ALARMAN AND AND AND AND AND AND AND AND AND A	 The pregnant animals should be dewormed 2-3 weeks prior to farrowing. Most common symptoms of piglet anemia pale cuases membrane, roughness of hair, diarrhea, wrinkle of skin. Pig production cycle
- Second La	BAREBOON EASTISTICO	RONCERC	Parameters Measures Service of sows 2 or 3 times AL or Natu service boar
25°30'0"N-		WEST IGHA SI HILLS	Farrowing114 daysWeaning3-4 weeksSow commences heat1 week after weaningWeaner to slaughter20-24 weeks (growing a finishing) 60-100 Kg
25°0'0''N-	BANGLADESH		Sow come to heat once in 21 days. Breed the animals when in peak heat period (i.e. 12 to 24 hrs of heat).
		Skin infection (Scabies)	• Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Fisher y	GIS LAB.	0 15 30 60	90 120 Kilomatora
Common Carp (All varieties; Amur, Local common carp and Koi carps)	Brooders (Breeding season)	91*0'0"E 91*30	 > The temperature is rising the rate and frequency of egg laying is expected to increase. > Local common carp and koi carp have started laying eggs. Every morning mop should be checked and transfer the mop with eggs to nursery ponds. > If the eggs are observed to have fungal growth it should be treated with methylene blue bath treatment @ 3ppm for 10 second for 3-4 days.



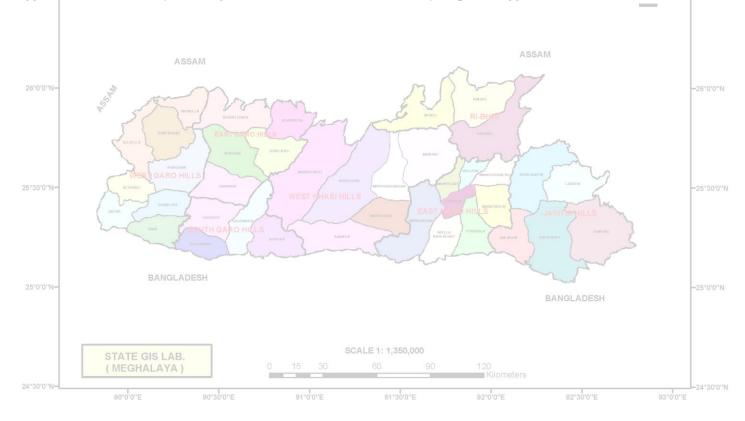


-26°30'0''N

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			After the fish eggs is hatch, transfer of spawn to
			nursery tank is followed where it will be culture for 15
			days and in the earthen nursery the spawn is stocked at
			the stocking density of 3-5 million/ha for the
			monoculture of carp.
			> Finely powdered mixture of mustard oil cake and rice
			bran at 1:1 ratio by weight are provided as
			supplementary feed @ 6kg/million spawn for the first 5
			days and 12 kg/million spawn per day for the
			subsequent days in two installments.
			Treatment:
		C & RD BLOCK MAP OF	Salt bath for 2 mins @ 2g/Liter water and followed by
90°0'0''E	E 90°30'0''E	Saprolegnia (Cotton wool disease)	5ppm KMnO ₄ (Potassium permanganate also known as
		woor uisease)	potash or Condy's crystals) thrice a week for 6 weeks.

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







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RC (AE)/30/2011/ Bulletin/March'2020/96

Dated: 03/03/2020

<u>Agro Advisory Bulletin – Ri-Bhoi</u> (Period 4th – 8th March, 2020)

Weather summary of the past four days Sky was clear to mainly cloudy with 16.8 mm rainfall. Maximum temperatures ranged between 20.7-25.2°C and minimum ranged between 7.1-7.6°C. Mean relative humidity was 79-84% in morning and 38-41% in evening. Wind speed ranged between 2-3 kmph.	Weather forecast valid up to 8 th March, 2020. There is possibility of 8.0 mm rainfall for the next five days. Maximum Temp: 19-26°C, Minimum Temp: 12-14°C, Cloud cover: sky will be mainly clear to partly cloudy i.e. 1-4 Okta, Maximum RH: 78-89%, Minimum RH: 34-63%, Wind speed: 3-5 Kmph, Wind direction: Southeast-South.		
General Advisories: → Take precaution from pest & diseases. C & RD BLOCK M/	AP OF MEGHALAYA		
Repair bunds, shoulder bunds and risers to retain rainfall.	91°30'0''E 92°0'0''E 92°30'0''E 93°0'0''E		
 Irrigate immediately after transplanting. ²⁸ P^{OW} Removal of dry cell and diseased infected leaves and fruits 	from strawberry -26°30'0"N		

²⁸ Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days ASSAM

	ASSAM				
Main Crop	Stage	Pest/Diseases	Agricultural Advisories		
Pea		and the second	 Severely infected plants should be removed from field and burn it. Harvest the fully developed pod in early morning. 		
24°30'0''N-	ATE GIS LAB. BANGLADESH	WEST INHA SI HILLS WEST INHA SI HILLS Market Damping off SCALE 1 15 30 60	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting. 		
Tomato/Capsicum	Transplanting	South American tomato leaf miner Damping off	 Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_NE_In dia.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting. 		
Mustard/ Rapeseed	Maturity		• Harvest the crop on sunny day by cutting at the base with sickle and dry properly before threshing.		





Pineapple	Harvesting (Nov		Maturity indices:
	April)		1) Colour change is the most common method of
			determining the maturity of fruits.
			a) For long distance transportation: Fully mature
			fruits just before colour change.
			b) Canning purpose: Slight colour change at the base
			of fruit.
			c) Table purpose: Develops satisfactory uniform
			golden yellow colour
			 About 25% of the eyes at the base are becoming flat. Mathed of hermoting: Harmoting is done with a share
			3) Method of harvesting: Harvesting is done with a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7
			cm of stalk without damage to the fruit.
	New plantation	& RD BLOCK MAP	Land preparation and layout in double row planting system.
Khasi Mandarin 90°C	^{10° E} Harvesting ^{90°30'0° E}	91°0'0"E	• Harvest along with stalk.
Kilasi Wanuarin			 To prevent bird damage of Khasi Mandarin fruit use bird
26°30'0''N-			netting or use traditional methods of bird control.
20.50 0 11-	Nursery		Budding on Rough lemon rootstock.
	i (arbory		 Sowing for seedlings production.
	New plantation		
	F		• Layout in square planting/terrace and pit digging.
Gauva	Nursery		Patch budding of improved cultivars on local rootstock.
	Ivuisery		• Paten budding of hipfoved cultivars on local footstock.
Strawberry	Fruiting stage	march and	• Removal of dry cell and diseased infected leaves and fruits.
Strawberry	I fulling stage	- VI	• Removal of dry cell and diseased infected leaves and fruits.
	S / THEMALA	5	
Animal Sciences		RHARBOTTA Jan K	
Protect Anima	lls/Birds from direct exposu		
 Protect Anima Check for built 	ld up of insect nests in anim		red clean the same.
Protect Anima Check for buil Poultry			Protect chicks from sudden rain and ensure no water
 Protect Anima Check for built 	ld up of insect nests in anim		Protect chicks from sudden rain and ensure no water seepage in the shed.
Protect Anima Check for buil Poultry	ld up of insect nests in anim	houses & if requi	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat
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Protect Anima Check for buil Poultry 25"30'0"N- 25"0'0"N- STAT	Id up of insect nests in anim	Coccidiosis	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week. Provide plenty of fresh and clean drinking water.
Protect Anima Check for buil Poultry 25"30"0"N- 25"0"N- STAT	Id up of insect nests in anim	SCALE 1: 15 30 60 91100"E	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week. Provide coccidiostatic like Amprolium @ 25-65 mg/kg
Protect Anima Check for buil Poultry 25"30"0"N- 25"0"N- STAT	Id up of insect nests in anim	SCALE 1: 5CALE 1: 15 30 60 9100'E Coccidiosis (Symptoms: blood/mucus in	 Protect chicks from sudden rain and ensure no water seepage in the shed. Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day. Isolate/separate diseased bird and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week. Provide plenty of fresh and clean drinking water.
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				drop) at the age of 4-7 days and nostril.	old and 35 days old through eye
Piggery	90°0'0	All stages	& RD BLOCK MAP Deworming	 by providing dry bedding m Ensure proper feed and clear Feed should be kept dry (aflatoxin). Vaccinate all newly born p age of 3 months followed b In endemic areas, vaccinat vaccine once in a year. Iron supplementation in OF Manaemia during 1st week or offer 14 days 	at time as the temperature is low naterials. an drinking water. by to avoid possible poisoning biglets against swine fever at the y annual booster dose. e 6 months old pigs with FMD piglet to prevent from piglet of age (0.5-1 ml IM/SC) repeat cole @ 5-10 mg/kg body weight
26°30'0''N=		ASSAM		 The pregnant animals shou to farrowing. Most common symptoms membrane, roughness of he ASSAM 	ild be dewormed 2-3 weeks prior s of piglet anemia pale cuases air, diarrhea,wrinkle of skin.
				Pig production cycle	
26°0'0''N-	45.54M	on non		Parameters	Measures –26°0'0''N
	R" -5	THIMPRELA	KHARKUTTA Jen K	Service of sows	2 or 3 times AL or Natural service boar
	Janan	BARENGERS EAST GREO HILLS	nh l	Farrowing	114 days
		SONGEAN 7 ROI	and 7	Weaning	3-4 weeks
	ROUGRAM	Summer 1	Sow commences heat	1 week after weaning	
25°30'0''N-	S IN TASHIC	GARO HILLS	WEST KHASI HILLS	Weaner to slaughter	20-24 weeks (growing and
	DISTAN	ALL COLORED CONTROL	RAME OF	Sow come to heat once in 21 da peak heat period (i.e. 12 to 24 h	
25°0'0''N		BANGLADESH	Skin infection (Scabies)	Provide Ivermectin (Injection BAN)	on) @ 10mg/33kg body wt.2000 GLADESH
Fishery					
Common Ca (All varieties Local commo and Koi carps	s; Amur, Eon carp EG	Brooders (Breeding season) ALAYA)	SCALE 1: 15 30 60 91*000"E	 egg laying is expected Local common carp an eggs. Every morning m transfer the mop with If the eggs are observed 	d koi carp have started laying nop should be checked and eggs to nursery ponds. In to have fungal growth it methylene blue bath treatment
				tank is followed where it wi	tank: transfer of spawn to nursery ill be culture for 15 days and in wn is stocked at the stocking





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

	 density of 3-5 million/ha for the monoculture of carp. Finely powdered mixture of mustard oil cake and rice bran at 1:1 ratio by weight are provided as supplementary feed @ 6kg/million spawn for the first 5 days and 12 kg/million spawn per day for the subsequent days in two installments.
Saprolegnia (Cotton wool disease)	Treatment: Salt bath for 2 mins @ 2g/Liter water and followed by 5ppm $KMnO_4$ (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks.

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

