

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



Dated: 28/01/2020

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

RC (AE)/30/2011/ Bulletin/January 2020/86

<u>Agro Advisory Bulletin – WEST GARO HILLS</u> (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020

There is possibility of 5.0 mm rainfall for the next five days. Maximum Temp: 22-24° C, Minimum Temp: 10-11C, Cloud cover: sky will be clear to mainly clear i.e. 0-2 Okta, Maximum RH: 84-93%, Minimum RH: 35-51%, Wind speed: 3-4 Kmph, Wind direction: Northeast-South.

General Advisories:

- > Take precaution from pest & diseases and frost damage.
- Look for cutworm and cabbage butterfly attack in cole crops.
- Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

0"E 90°30'0"E 91°21'0"E 91°30'0"E 92°0'0"E 92°30'0"E

Ma	ain Crop	Stage	Pest/Diseases	Agricultural Advisories
Brinjal	AS STATE OF THE PASSES AS	Nursery raising	and a second	 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. Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand.
T	Capsicum	EAST GARO HIALS	The same of the sa	• Sow the seed in line at 5 cm spacing.
25"0"N-	BANGLA STATE GIS LAB (MEGHALAYA)	Nursery raising/ Transplanting WEST HALLINGTON TO THE STREET OF THE STR	SCALE 1: 1,350,000 91°30'0"E	 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. Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initial stages in the nursery. Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 45 x 30 cm spacing in evening.
Mustard	/ Rapeseed	Flowering/Pod filling		Maintain proper drainage.
Root Cro	op (Radish,	Vegetative/ Harvesting		 Maintain proper drainage. Periodic pulverization of soil. Harvest the fully developed root in early morning.
	ps (Cabbage, wer, Broccoli)	Harvesting		 Maintain proper drainage. Collection & destruction of severely infested leaves (black spot and blighted leaves).



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			Harvest at fully developed stage.
	Ginger/Turmeric	Harvesting	Seed Storage
3006°300	90°0'0"E	C & RD E 90°30'0"E 91°0'0"	 For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin. Put 80 kg rhizomes for 30 minutes. Dig pit of 1 x 1 x 1 m size or as per rhizome Alayweight but never deeper than 1m. Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom. Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 3.5 cm dia. Leave 15 cm uppermost portion of pit for aeration
26°0	AS STATE OF THE PROPERTY OF TH	SSAM RESURELINGAL NELOSUTTA VILLOSUTTA VILLO	then plaster with thin layer of mud. Take out the seeds rhizomes 20-25days before planting.
	Pineapple SELECTION OF THE PROPERTY OF THE PRO	Harvesting (NovApril)	Maturity indices: 1) Colour change is the most common method of
25°30	DOWN-	COGETY ACCIONAGE WEST HE TH GARO HILLS COURSELL NODGE	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
25°0	BANGLA STATE GIS LAB	DESH	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.
_	(MEGHALAYA) Khasi Mandarin	0 15 3 Harvesting	0 60 90 120 Howart along with stells
24°30	90°0'0"E	90°30'0"E 91°0'0"E	 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
	Animal Sciences		
		Birds from direct exposure	to cold weather & wind. houses & if required clean the same.
	Poultry	All stages	Brooder management: Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. As the temperature is low, provision of extra bulb will ensure warmth and prevent cold wind.



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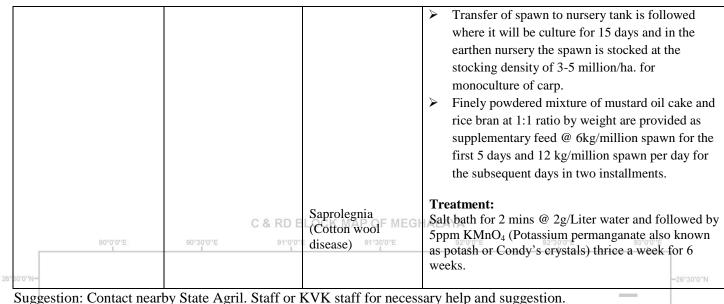
90°0'0"E	C & RD B 90°30′0″E 91°0′0″I	Coccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease	 discharge/Pus/Diarrhoea/Watery). Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive against coccidiosis. Vaccinate the poultry birds with F1/ Lasota
			vaccine (1 drop) at the age of 4-7 days old and 35
Piggery	All stages		days old through eye and nostril.
Piggery 25°30'0"N- 25°30'0"N- BANGLA BANGLA	All stages REASTORRO HIMES ACHORAGIA MARCHITERER MARC	Deworming WASTER TOTAL	 Ensure warmth during night time as the temperature is low by providing materials. Ensure proper feed and clean drinking water. 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 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. Provide Ivermectin (Injection) @ 10mg/33kg
		(Scabies)	body wt.
Common Carp (All varieties; Amur; LAB Local common carp and Koi carps)	Brooders (Breeding season) 90°30′0″E 91°00″E	SCALE 1: 1,350,000 0 60 90 91°30′0″E	Pond preparation: Liming (Quicklime at recommended dose) should be done for maintaining the pH of the water above 7. Maintain the water quality by proper manuring. Maintain 1-1.5m water depth in the culture ponds. Feeding Management High protein feeds i.e. (35 to 40%) protein feeds to be provided to the brooders (5% of the body weight). Breeding Application of mop (made from plastic rope) for conducting the breeding of local, common carp, koi carp and amur carp. Check the mop every morning if eggs are present. If eggs are present in the mop, transfer it to the nursery pond/Tank.
			Stocking of spawn in nursery tank:

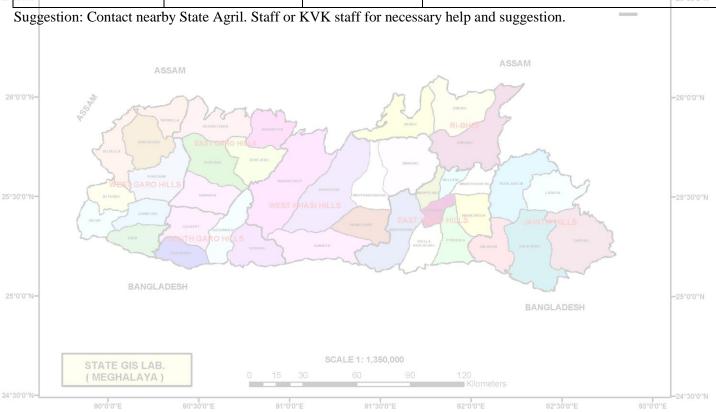


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RC (AE)/30/2011/ Bulletin/January'2020/86

Agro Advisory Bulletin – WEST JAINTIA HILLS (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020

There is possibility of 17.0 mm rainfall for the next five days. Maximum Temp: 16-18°C, Minimum Temp: 8-9°C, Cloud cover: sky will be mainly clear to partly cloudy i.e. 1-4 Okta, Maximum RH: 79-98%, Minimum RH: 41-71%, Wind speed: 2-4 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

- Take precaution from pest & diseases and frost damage.
- Look for cutworm and cabbage butterfly attack in cole crops. MEGHALAYA
- > Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

93°0'0"E

Agro meteorological Advisories for coming 5 days —

	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Bri i 26°0'0"N=		A Nursery raising	The Land	 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. Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand. Sow the seed in line at 5 cm spacing.
Ton	nato/Capsicum	Nursery raising/	можнуния	• Nursery seed bed preparation of 1 m width and length
25°30'0"N=	DETACHED COMMITTEE SALES	Transplanting TH GARO HILLS BLADESH	WEST ISHASI HILLS	 as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder,
25°0'0''N-	STATE GIS L	AB.	SCALE 1: 1,3 8 15 30 60	 Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initial stages in the nursery. Avoid excess irrigation to control from damping off
24°30'0''N-	90°0'0"E	90°30'0"E	91°0'0"E 91°3(diseases. Transplant one month old seedling at 45 x 30 cm spacing in evening.
Mus	stard/ Rapeseed	Flowering/Pod filling		Maintain proper drainage.
Roo	t Crop (Radish, cot)	Vegetative/ Harvesting		 Maintain proper drainage. Periodic pulverization of soil. Harvest the fully developed root in early morning.
Cau	e crops (Cabbage, liflower, ccoli)	Harvesting		 Maintain proper drainage. Collection & destruction of severely infested leaves (black spot and blighted leaves). Harvest at fully developed stage.



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Cover the shed with sack or plastic sheets at night

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Ginger/Tu	rmeric	Harvesting		Seed Storage
				 For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin. Put 80 kg rhizomes for 30 minutes. Dig pit of 1 x 1 x 1 m size or as per rhizome weigh but never deeper than 1m.
		C	& RD BLOCK MAP O	D1
	90°0'0"E	90°30'0"E		thick) at bottom.
30'0"N=				 Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air cover with grass/wooden planks fitted with perforated pipe of 3.5 cm dia. Leave 15 cm uppermost portion of pit for aeration then plaster with thin layer of mud.
		ASSAM		• Take out the seeds rhizomes 20-25days before
D'0''N-	Shirt News	Maria		planting.
Pineapple	250	Harvesting	CHARGOTTA 12-1	Maturity indices:
0'0"N-	OCLULA BASE CAME CAME CAME CAME CAME CAME CAME CAM	(NovApril) SOURCEAR HOUSE SOURCEAR	MANOGET IN A SI HILLS MANOGET IN A SI HILLS MANOGET IN A SI HILLS	 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
TO UNIT	BAN	GLADESH		flat.
0'0''N-				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.
Khasi Man	darin STATE GIS L	Harvesting	SCALE 1: 1,3	• o• Harvest along with stalk.
	(MEGHALA	(A)	15 30 60	To prevent bird damage of Khasi Mandarin fruit us
0'0''N-	90°0'0"E	90°30'0"E	91°0'0"E 91°	bird netting or use traditional methods of bird control
Animal Sci			211	
Pro	otect Animals		posure to cold weather	
	eck for build		animal houses & if red	quired clean the same.
Poultry		All stages		 Brooder management: Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. As the temperature is low, provision of extra bulb will ensure warmth and prevent cold wind. Practice All-in-All-out method of rearing.



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90°0'0"E 28°30'0"N- Piggery	All stages	feaces) Ranikhet disease	 time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and provide clean drinking water and 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). Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril. Ensure warmth during night time as the temperature is low by providing bedding materials. Ensure proper feed and clean drinking water. 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
SET SOUNT BANK SAN	TRIPPALA RESURELIMA ACCESS ACC	Deworming	 In elidemic areas, vaccinate o months old pigs with FMD vaccine once in a year. 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.
Fishery	TH GARO HILLS	Skin infection (Scabies)	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Common Carp (All varieties; Amur, Local common carp and Koi carps)	ав.	SCALE 1: 1,38 15 30 60	Pond preparation: Liming (Quicklime at recommended dose) should be done for maintaining the pH of the water above 7. Maintain the water quality by proper manuring. Maintain 1-1.5m water depth in the culture ponds. Feeding Management High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be provided to the brooders (5% of the body weight). Breeding
90°0'0"E	90°30'0"E	91*0'0"E 91*3(Application of mop (made from plastic rope) for conducting the breeding of local, common carp, koi carp and amur carp. Check the mop every morning if eggs are present. If eggs are present in the mop, transfer it to the nursery pond/Tank. Stocking of spawn in nursery tank: 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 monoculture of carp.



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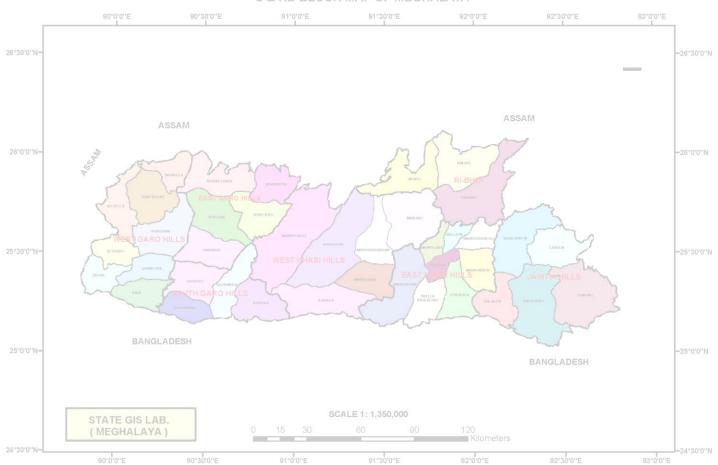


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Saprolegn (Cotton we disease)	Sppin Kinio (1 otassium permanganate also known as
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Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.

C & RD BLOCK MAP OF MEGHALAYA





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RC (AE)/30/2011/ Bulletin/January 2020/86

Agro Advisory Bulletin – WEST KHASI HILLS (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020

There is possibility of 12.0 mm rainfall for the next five days. Maximum Temp: 15-17°C, Minimum Temp: 7-9°C, Cloud cover: sky will be mainly clear to partly cloudy i.e. 1-3 Okta, Maximum RH: 85-98%, Minimum RH: 51-68%, Wind speed: 4-5 Kmph, Wind direction: East-Southwest.

General Advisories:

- Take precaution from pest & diseases and frost damage.
- Look for cutworm and cabbage butterfly attack in cole crops. #EGHALAYA
- Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

93°0'0"E

Agro meteorological Advisories for coming 5 days...

	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
B:	rinjal	ASSANursery raising	~	 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
	WENT GA	THE PARTY OF THE P		 kg/m² and levelled it properly. Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand. Sow the seed in line at 5 cm spacing.
25°30 F	omato/Capsicum CARRY SETAL GALLE GALLE	Nursery raising/ Transplanting WES THISARO HILLS	T ICHA SI 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. Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby,
25°0'0''1		LADESH	SCALE 1: 1,350,000	 Arka Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato
24°30'0''	(MEGHALAY		30 60 0'0"E 91°30'0"E	leaf minor & destroy the infested leaves at initial stages in the nursery. • Avoid excess irrigation to control from damping off
	90°0'0"E	90°30'0"E 91	oʻ0"E 91°3∂'0"E	diseases. Transplant one month old seedling at 45 x 30 cm spacing in evening.
M	ustard/ Rapeseed	Flowering/Pod filling		Maintain proper drainage.
	oot Crop (Radish, rrot)	Vegetative/ Harvesting		 Maintain proper drainage. Periodic pulverization of soil. Harvest the fully developed root in early morning.
	ole crops (Cabbage, auliflower,	Harvesting		 Maintain proper drainage. Collection & destruction of severely infested



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Broccol	li)		leaves (black spot and blighted leaves).
			Harvest at fully developed stage.
Ginger/	Turmeric Turmeric	Harvesting	Seed Storage
		C & R	 For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin. BLOCK MAP OF ME OH 200 PRIZE PRIZE
	90°0'0"E	90°30'0"E 91	• Dig pit of 1 x 1 x 1 m size or as per rhizome weight but never deeper than 1m.
30.0N—		ASSAM	 Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom. Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 3.5 cm dia.
.0.0.N—	S.S. BUNDAN SANT SI	THURSTAN HONOLING HARRISTTA	Leave 15 cm uppermost portion of pit for aeration then plaster with thin layer of mud. Take out the seeds rhizomes 20-25days before planting.
Pineap	ole 3	Harvesting	Maturity indices:
30'0"N-	BETTANG GAMET SALEM	OHILLS (NovApril) WES TH GARO HILLS	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.
.0.0.N—	STATE GIS LA		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
30'0"N-			fruit.
Khasi N	Mandarin	Harvesting	Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
Animal	Sciences		
•	Protect Animals		re to cold weather & wind.
De14			al houses & if required clean the same.
Poultry	•	All stages	• Brooder management: Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks.



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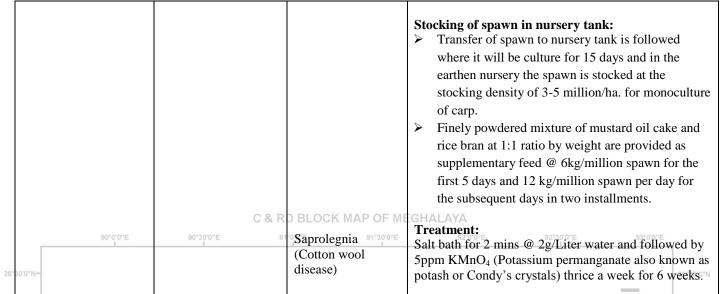
				 As the temperature is low, provision of extra bulb will ensure warmth and prevent cold wind. Practice All-in-All-out method of rearing. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and provide clean drinking water and change the water every
				day.
				Isolate/separate diseased bird and Dead birds
		C&R	D BLOCK MAP OF ME	
				Regularly inspect the dropings of the poultry birds
	90°0'0"E	90°30'0"E 91	°0'0"E 91°30'0"E	for any diseases symptom(Blood
				1
26°	0'0"N-		G '11' '	discharge/Pus/Diarrhoea/Watery).
			Coccidiosis	Provide plenty of fresh and clean drinking water.
			(Symptoms:	Provide coccidiostatic like Amprolium @ 25-65
			blood/mucus in	mg/kg feed once a day as a preventive measure
			feaces)	against coccidiosis.
		ASSAM	Ranikhet disease	Vaccinate the poultry birds with F1/ Lasota
		ASSAM	Tammiet disease	vaccine (1 drop) at the age of 4-7 days old and 35
26	0'0"N-		Pro-	days old through eye and nostril.
-	8	All stages	5	
	Piggery	THUMBELLA All Stages		Ensure warmth during night time as the
	T {	ANADOLINA .	hand Kinn	temperature is low by providing bedding
	SELSELIA	EAST GARO HIALS		materials.
	1 3	SONGSAN RONG FING		 Ensure proper feed and clean drinking water.
	3 [CRAM ()	NOTICE OF THE PROPERTY OF THE	Vaccinate all newly born piglets against swine
neon	0'0"N-	HILLS	NOWGSTON AMOUTHABLANDAN	fever at the age of 3 months followed by annual
23	No. No.	WES	Deworming	booster dose.
	ZHZAN GAMIE	1) E	MANNA YELL W
	1	CHOKPOT	- James Comment	• In endemic areas, vaccinate 6 months old pigs with
	DAIL DAIL	SOUTH GARO HILLS	HARRIOR	FMD vaccine once in a year.
		EGUINAUA	- Land	• Iron supplementation in piglet to prevent from
			The state of the s	piglet anaemia during 1 st week of age (0.5-1 ml
		LADESH		IM/SC) repeat after 14 days.
25	0.0N-			Deworm pigs by albendazole @ 5-10 mg/kg body
				weight once and repeat after 21 days.
			Skin infection	
ļ	OTATE OLO LA		(Scabies)	wt.
ļ	Fishery STATE GIS LA	0 15	30 60	90 120
	Common Carp	Brooders		Pond preparation:
24°	(All varieties; Amur,	(Breeding season)	0'0"E 91°30'0"E	Liming (Quicklime at recommended dose) should be
	Local common carp	30 30 0 2	01000	done for maintaining the pH of the water above 7.
	and Koi carps)			Maintain the water quality by proper manuring.
	r			Maintain 1-1.5m water depth in the culture ponds.
				Feeding Management
				High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
				provided to the brooders (5% of the body weight).
				Breeding
				Application of mop (made from plastic rope) for
				conducting the breeding of local, common carp, koi
				carp and amur carp.
				Check the mop every morning if eggs are present.
				If eggs are present in the mop, transfer it to the nursery
				pond/Tank.
				pond runk.

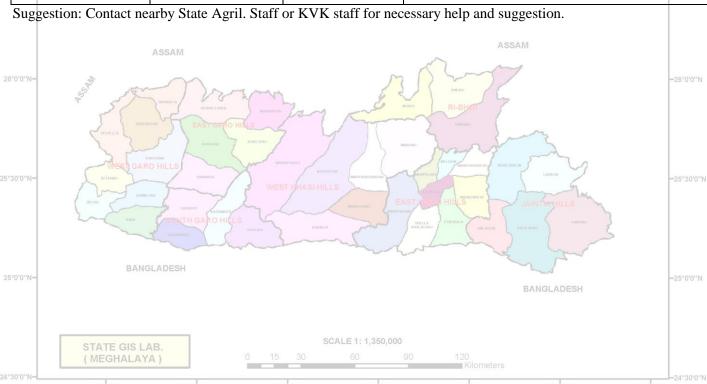


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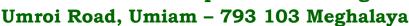
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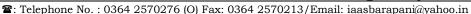




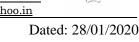


ICAR Research Complex for NEH Region





RC (AE)/30/2011/ Bulletin/January 2020/86



Agro Advisory Bulletin - East Garo Hills (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020.

There is possibility of 2.0 mm rainfall for the next five days. Maximum Temp: 20-22°C, Minimum Temp: 9-10°C, Cloud cover: sky will be mainly clear i.e. 1-2 Okta, Maximum RH: 73-94%, Minimum RH: 42-51%, Wind speed: 2-3 Kmph, Wind direction: Northeast-West.

General Advisories:

- Take precaution from pest & diseases and frost damage.
- Look for cutworm and cabbage butterfly attack in cole crops.
- Apply, light irrigation to vegetable crops.
- Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

orological Advice

26°30'0"N-	A	igro meteor	ological Advis	sories for coming 5 days
Main	Crop	Stage	Pest/Diseases	Agricultural Advisories
Brinjal		Nursery raising		 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.
26°0'0"N-	ASS AM	TRANSLA DE DOSCALARAS	Tan E	 Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand. Sow the seed in line at 5 cm spacing.
Tomato/C	Capsicum	Nursery raising/ Transplanting	MONOGRAD MONOGR	 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. Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby, Arka
25°0'0''N ~		BANGLADESH E GIS LAB.	South American tomato leaf minor Damping off	 Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initial stages in the nursery. Avoid excess irrigation to control from damping off diseases. Thinning should be done in seedling for healthy plant stand. Transplant one month old seedling at 45 x 30 cm spacing in
24°30′0''N-L	90°0	0"E 90"30"0"E	91°0'0"E	evening.
Mustard/	Rapeseed	Flowering/Pod filling	Aphid, Cabbage butterfly Leaf spot White Rust/ Staghead	 Give one irrigation at flowering/pod filling stage or if plant shows wilting symptoms. In case of heavy infestation of cabbage butterfly and aphids, spray Azadirachtin 0.03 EC @ 5ml/l. Spray fungicide Mancozeb @ 2.5g/1litre of water, spray at older leaves to avoid wider spread of leaf spot. Spray fungicide (Metalaxyl + Mancozeb @ 2.5g/1litre of water) to manage white rust of mustard.
Root Cro	p (Radish,	Vegetative/ Harvesting		Maintain proper soil moisture.Periodic pulverization of soil.



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Cabage, Brocoli) Harvesting Card BLOCK MAP For seed Jurpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmerical in Turmeric. Freat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin. Put 80 kg rhizomes for 30 minutes. Dig pit of 1 x 1 x 1 m size or as per rhizome weight but inever deeper than 1 m. Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom. Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 35 cm dia. Leave 15 cm uppermost portion of pit for acration then plaster with thin layer of mid. Leave 15 cm uppermost portion of pit for acration then plaster with thin layer of mid. Take out the seeds rhizomes 20-25days before planting. 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. Display 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. 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.				Harvest the fully developed root in early morning.
Fineapple Fineapple Maturity indices: 1) Colour change is the most common method of determining the maturity of fruits. 2	Cole crops (Cabbage, Cauliflower, Broccoli)	Harvesting		• Collection & destruction of severely infested leaves (black spot and blighted leaves).
For seed purpose select the disease free healthy thizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin. Put 80 kg rhizomes for 30 minutes. Dig pit of 1 x 1 x 1 m size or as per rhizome weight but never deeper than 1 m. Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom. Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 3-5 cm dia. Leave 15 cm uppermost portion of pit for aeration then plaster with thin layer of mud. Take out the seeds rhizomes 20-25days before planting. Pineapple (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-stuke tha clean cut retaining 5-7 cm of stalk without damage to the fruit. Khasi Mandarin Harvesting Harvesting Harvesting Harvesting Harvesting Harvesting Prepare fire line to avoid unintentional fire in the orchard.	Ginger/Turmeric			 fully dried. Clear the infested rhizomes with water & shade dry before storage. After harvest, collect the severely infested leaves of Ginger and Turmeric and burn to avoid wintering of pathogens. OF MSeed Storage
Pineapple Baltarvesting (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: Develops satisfactory uniform golden yellow colour 2) 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. 4) Harvest and a sharp with stalk. 6) Harvest and golden yellow colour. 7) Prepare fire line to avoid unintentional fire in the orchard. Animal Sciences			91.00.5	 For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin. Put 80 kg rhizomes for 30 minutes.
Of 3.5 cm dia. Leave 15 cm uppermost portion of pit for aeration then plaster with thin layer of mud. Take out the seeds rhizomes 20-25days before planting. 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 cm of stalk without damage to the fruit. Khasi Mandarin Harvesting Harvesting Harvesting or use traditional methods of bird control. Prepare fire line to avoid unintentional fire in the orchard. Animal Sciences	26°0'0"N-	TRIBULA INTOINELLA INT	C HIS S ROMGENO MONOCHROIT	never deeper than 1m. Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom. Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe
(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. Khasi Mandarin Harvesting • Harvest along with stalk. • To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. • Prepare fire line to avoid unintentional fire in the orchard.	25°30'0"N-	CAMETORY CAMETO	WEST INHASI HILLS WEST WHASI HILLS MANGER M	• Leave 15 cm uppermost portion of pit for aeration then plaster with thin layer of mud.
To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. Prepare fire line to avoid unintentional fire in the orchard. Animal Sciences	24°30'0"N-	(NovApril) TE GIS LAB. GHALAYA)	0 15 30 60	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
	Khasi Mandarin	Harvesting		• To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
		als/Birds from direct e	xposure to cold weather &	γ wind.



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• Ch	eck for build up of in	nsect nests in animal houses	& if required clean the same.
Poultry	Al sovo'e	C & RD BL(Brooder management: Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. As the temperature is low, provision of extra bulb will ensure warmth and prevent cold wind. Practice All-in-All-out method of rearing. 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. OCK MAP F Maitter should be change periodically and provide clean drinking water and change the water every day.
26°30'0"N-	00,02	3302	 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).
26°0′0′′N=	A SERIES	Coccidio (Symptor blood/muc feaces)	 Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
	SELECTIVA	Ranikhet di	• 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 25°30'0"N-	BORD GARO OF STATE OF	SAMAKSA	 Ensure warmth during night time as the temperature is low by providing bedding materials. Ensure proper feed and clean drinking water. 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
25°0'0''N=	BANGL	Deworming	 vaccine once in a year. 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.
	STATE GIS LAE	Skin infec (Scabies	tion Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Fishery			Kilometers
Common C (All varietic Amur, Loca common car Koi carps)	es; (Breedir	ng season)	Pond preparation: Liming (Quicklime at recommended dose) should be done for maintaining the pH of the water above 7. Maintain the water quality by proper manuring. Maintain 1-1.5m water depth in the culture ponds. Feeding Management High protein feeds i.e. (35 to 40%) protein feeds to be provided to the brooders (5% of the body weight). Breeding Application of mop (made from plastic rope) for conducting the breeding of local, common carp, koi carp and amur carp. Check the mop every morning if eggs are present. If eggs are present in the mop, transfer it to the nursery pond/Tank.

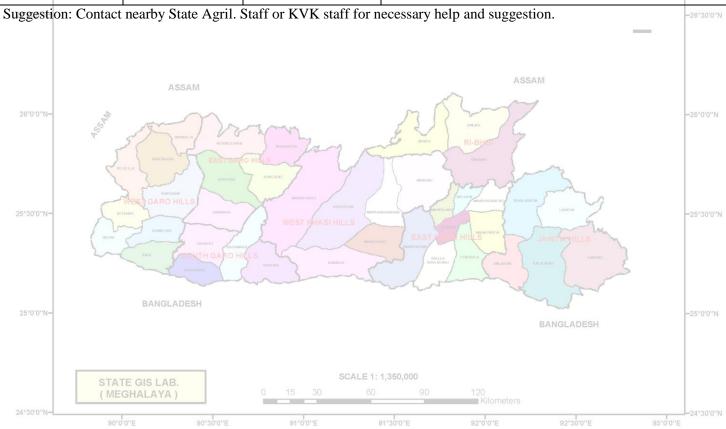


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		 Stocking of spawn in nursery tank: Transfer of spawn to nursery tank is followed where it will be culture for 15 days and in the earthen nursery the spawn is stocked at the stocking density of 3-5 million/ha. for monoculture of carp. Finely powdered 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	Treatment:
	wool disease)	Salt bath for 2 mins @ 2g/Liter water and followed by 5ppm
90°0'0''E 90°30'0''E	91°0'0"E S	KMnO ₄ (Potassium permanganate also known as potash or
90,0.0.E 90,30.0.E	91,0.0,E	Condy's crystals) thrice a week for 6 weeks.
Suggestion: Contact nearby State Agril S	Staff or KVK staff for n	acassary halp and suggestion





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



Dated: 28/01/2020

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RC (AE)/30/2011/ Bulletin/January'2020/86

Agro Advisory Bulletin – EAST JAINTIA HILLS (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020

There is possibility of 7.0 mm rainfall for the next five days. Maximum Temp: 19-20°C, Minimum Temp: 8-11°C, Cloud cover: sky will be clear to partly cloudy i.e. 0-3 Okta, Maximum RH: 74-96%, Minimum RH: 41-66%, Wind speed: 5-6 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

- > Take precaution from pest & diseases and frost damage.
- ► Look for cutworm and cabbage butterfly attack in cole crops. OF MEGHALAYA
- Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

92°30'0"E 93°0'0"E

Agro meteorological Advisories for coming 5 days -

Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Brinjal 26°0'0"N-	Nursery raising	ATHERITY AND ATHER	 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. Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand. Sow the seed in line at 5 cm spacing.
Tomato/Capsicum	Nursery	Management /	• Nursery seed bed preparation of 1 m width and length as per
24°30'0"N-	Transplanting Transplanting BANGLADESH TE GIS LAB. EGHALAYA)	WEST ISHASI HILLS NAMED A SCAL 0 15 30	 convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initial stages in the nursery. Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 45 x 30 cm spacing in evening.
Mustard/	Flowering/Pod		Maintain proper drainage.
Rapeseed	filling		- Manitain proper drainage.
Root Crop (Radish, carrot)	Vegetative/ Harvesting		 Maintain proper drainage. Periodic pulverization of soil. Harvest the fully developed root in early morning.
Cole crops (Cabbage, Cauliflower, Broccoli)	Harvesting		 Maintain proper drainage. Collection & destruction of severely infested leaves (black spot and blighted leaves). Harvest at fully developed stage.
Ginger/Turmeric	Harvesting		Seed Storage



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26°30'0''N=	90°30°0"E 90°30°0"E	C & RD BLOCK N	 For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin. Put 80 kg rhizomes for 30 minutes. Dig pit of 1 x 1 x 1 m size or as per rhizome weight but never deeper than 1m. Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom. Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 3.5 cm dia. Leave 15 cm uppermost portion of pit for aeration then plaster with thin layer of mud. Take out the seeds rhizomes 20-25days before planting.
Pineapple	Harvesting		Maturity indices:
26°0'0"N-	(NovApril) TRADELIA RADIFECCIO RADIFECCIO CONCOLAM CONCOLAM	MONGAMO MONGAMO MONGAMO MONGAMO MONGAMO MONGAMO MANAGA MANAGA	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.
Khasi Mandarin	Harvesting		Harvest along with stalk.
25°0'0"N=	BANGLADESH		To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. ANGLADESH Control Control
• Protect Ani	mole/Dinde from dine	avnogura to cold	or & wind
		exposure to cold weather n animal houses & if re	
	GHAL/All stages	0 15 30	Brooder management:
24°30′0″N—9	00'0"E 90°30'0"E	91°0′0″E	 Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. As the temperature is low, provision of extra bulb will ensure warmth and prevent cold wind. Practice All-in-All-out method of rearing. 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. Litter should be change periodically and provide clean drinking water and change the water every day. Isolate/separate diseased bird and Dead birds should be



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Piggery	All stages	Coccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease C & RD BLOCK N	 Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril. Ensure warmth during night time as the temperature is low by providing bedding materials. Ensure proper feed and clean drinking water. 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 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. Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Fishery -		(Scabies)	
Common Carp (All varieties; Amur, Local common carp and Koi carps) 25°30'0"N-	Brooders (Breeding season) Breeding season) Breeding season) Breeding season) Breeding season Breeding	ROBERTO MUNICIPALITY MANAGETON WEST IGHA SI HILLS	Pond preparation: Liming (Quicklime at recommended dose) should be done for maintaining the pH of the water above 7. Maintain the water quality by proper manuring. Maintain 1-1.5m water depth in the culture ponds. Feeding Management High protein feeds i.e. (35 to 40%) protein feeds to be provided to the brooders (5% of the body weight). Breeding Application of mop (made from plastic rope) for conducting the breeding of local, common carp, koi carp and amur carp. Check the mop every morning if eggs are present. If eggs are present in the mop, transfer it to the nursery pond/Tank.
24°30'0"N-	ATE GIS LAB. EGHALAYA) DO'O'E 90°30'0"E	SCAL 0 15 30 91°0′0″E	Stocking of spawn in nursery tank: 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 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.



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RC (AE)/30/2011/ Bulletin/January 2020/86

Agro Advisory Bulletin – EAST KHASI HILLS (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020

There is possibility of 4.0 mm rainfall for the next five days. Maximum Temp: 15-17°C, Minimum Temp: 6-8°C, Cloud cover: sky will be mainly clear to partly cloudy i.e. 1-4 Okta, Maximum RH: 84-94%, Minimum RH: 51-68%, Wind speed: 6-7 Kmph, Wind direction: South-Northwest.

General Advisories:

26°30'0"N

- > Take precaution from pest & diseases and frost damage.
- Look for cutworm and cabbage butterfly attack in cole crops.
- Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

Agro meteorological Advisories for coming 5 days

Main C	Crop	Stage	Pest/Diseases	Agricultural Advisories
Brinjal 26°0'0"N- Tomato/Caps 25°30'0"N-	S. S. WINIAN	Nursery raising ASSAM REAST TOURS HIS RATE HOUSE TO THE SAME HIS TOURS HIS Transplanting Transplanting	Pest/Diseases ********************************	 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. Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand. Sow the seed in line at 5 cm spacing. 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. Varieties of Tomato: Avinash-2, Rocky, Pusa
25°0'0"N-	STATE GI		SCALE 1: 1,350,00 15 30 60	 Ruby, Arka Rakshak, Megha Tomato-2, Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initial
24"30'0"N-	90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E	 stages in the nursery. Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 45 x 30 cm spacing in evening.
Mustard/ Rap	peseed	Flowering/Pod filling		Maintain proper drainage.
Root Crop (R carrot)	adish,	Vegetative/ Harvesting		 Maintain proper drainage. Periodic pulverization of soil. Harvest the fully developed root in early morning.
Cole crops (C	abbage,	Harvesting		Maintain proper drainage.



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	1		
Cauliflower, Broccoli)			Collection & destruction of severely infested leaves (black spot and blighted leaves).
			Harvest at fully developed stage.
Ginger/Turmeric	Harvesting		Seed Storage
			 For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin.
	9	C & RD BLOCK MAP OF ME	
90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E	Dig pit of 1 x 1 x 1 m size or as per rhizome weight but never deeper than 1m.
			Plaster all around, put a layer of sand/sawdust (8)
26°30'0"N-			cm thick) at bottom.
			• Place rhizomes in pit, layer by layer putting
			leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 3.5 cm dia.
	ASSAM		Leave 15 cm uppermost portion of pit for aeration
26°0'0"N-		M	then plaster with thin layer of mud.
26°0'0"N-	THEMPILA NESURELIMBA	The state of the s	Take out the seeds rhizomes 20-25days before planting.
51	DADENGGIN EAST GARO HILL	The state of the s	planting.
SUSCIA &	SONGSAN 7	MGRIIG MAIR	
Pineapple 25°30'0"N-	AROH (NovApril)	WEST IGHASI HILLS WEST VINASI HILLS AMOUTHABLASIAN AMOUTHAB	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
25°0'0"N-	ANGLADESH		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
OTATE	ELAD	SCALE 1: 1,350,000	a sharp knife, severing the fruit-stalk with a clean
STATE GI (MEGHA		15 30 60 9	cut retaining 5-7 cm of stalk without damage to
24°30'0"N-			the fruit.
Khasi Mandarin	Harvesting	91°0'0"E 91°30'0"E	92"0"0"E 92"0"0"E 93"0"0"E Harvest along with stalk.
Tanasa Managaran	That vosting		To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
Animal Sciences	l		
Protect Animals/I		sure to cold weather & wind.	the come
Poultry	All stages	mal houses & if required clean	-
Toutty	in stages		Brooder management: Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks.



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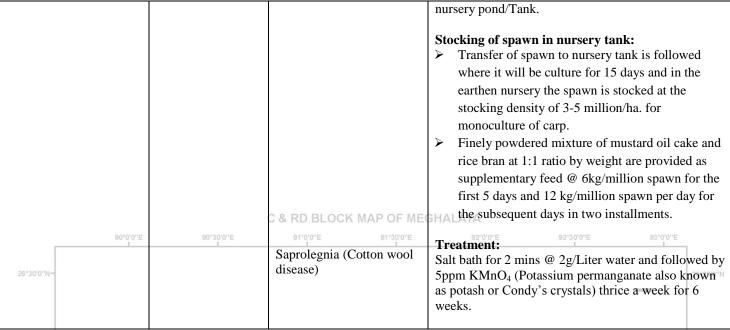
			 As the temperature is low, provision of extra bulb will ensure warmth and prevent cold wind. Practice All-in-All-out method of rearing. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and provide
			clean drinking water and change the water every day.
90°0'0''E	90°30'0''E	C & RD BLOCK MAP OF MEC	• A Isolate/separate diseased bird and Dead birds should be immediately removed.
26°30'0"N-			 Regularly inspect the dropings of the poultry birds for any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery).
	ASSAM	Coccidiosis (Symptoms: blood/mucus in feaces)	 Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
26°0'0"N-	- Mrs.	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 EAS PORTO HIS BONGERA	MO,RHG MAG	 Ensure warmth during night time as the temperature is low by providing bedding materials. Ensure proper feed and clean drinking water.
25°30'0"N-	ARO HILLS	west phasi Hills Deworming	• Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.
	SENIAMA SENIAMA	HARSOR HANSOR	 In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. Iron supplementation in piglet to prevent from
25°0'0"N	NGLADESH		piglet anaemia during 1 st 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.
STATE GIS I	LAB.	Skin infection (Scabies)	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Fishery	(YA)	10 30 00 31	Kilometers
2402010111	Brooders	0400000	Pond preparation: 92°30'0"E 93°0'0"E 93°0'0"E
	(Breeding season)	91°0'0"E 91°30'0"E	Liming (Quicklime at recommended dose) should be
Local common carp and	-5		done for maintaining the pH of the water above 7.
Koi carps)			Maintain the water quality by proper manuring.
Tor curps)			Maintain the water quarty by proper maintaing. Maintain 1-1.5m water depth in the culture ponds.
			Feeding Management
			High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
			provided to the brooders (5% of the body weight).
			Breeding
			Application of mop (made from plastic rope) for
			conducting the breeding of local, common carp, koi
			carp and amur carp.
			Check the mop every morning if eggs are present.
			If eggs are present in the mop, transfer it to the

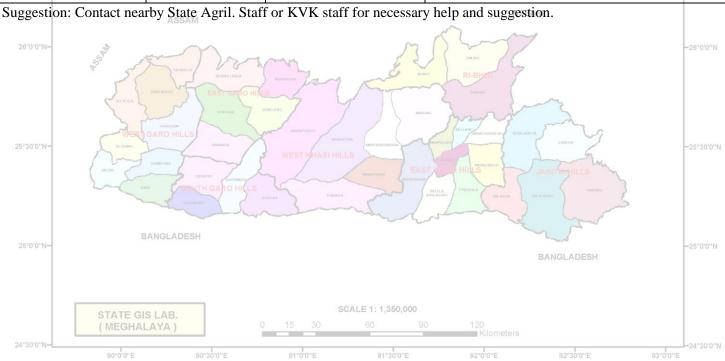


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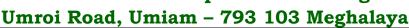
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ICAR Research Complex for NEH Region





Dated: 28/01/2020

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RC (AE)/30/2011/ Bulletin/January 2020/86

Agro Advisory Bulletin - NORTH GARO HILLS (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020

There is possibility of no rainfall for the next five days. Maximum Temp: 21-23° C, Minimum Temp: 9-10° C, Cloud cover: sky will be clear to mainly clear i.e. 0-2 Okta, Maximum RH: 72-93%, Minimum RH: 39-51%, Wind speed: 3-5 Kmph, Wind direction: Northeast-South.

General Advisories:

26°30'0"N-

- Take precaution from pest & diseases and frost damage.
- ➤ Look for cutworm and cabbage butterfly attack in cole crops.
- Apply, light irrigation to vegetable crops. & RD BLOCK MAP OF MEGHALAYA
- Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

92°30'0"E

26°30'0"N

Agro meteorological Advisories for coming 5 days

Main C	rop	Stage	Pest/Diseases	Agricultural Advisories
Brinjal 26°0'0"N-	4884W	Nursery raising ASSAM	Em Emily	 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. Varieties of Brinjal: Arka nidhi, Arka Nilkant and
	Server	PANENGGRI EASTGARO H	ALS BONGANG	Arka Anand. • Sow the seed in line at 5 cm spacing.
Tomato/Caps 25°30'0"N- 25°0'0"N-	STATE	Nursery raising/ Transplanting BANGLADESH GIS LAB. ALAYA)	South American tomato leaf minor SCALE 1: 1,35 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. Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initial stages in the nursery. Avoid excess irrigation to control from damping off diseases. Thinning should be done in seedling for healthy plant stand. Transplant one month old seedling at 45 x 30 cm spacing in evening.
				Irrigate immediately after transplanting.
Mustard/ Ra	peseed	Flowering/Pod filling	Aphid, Cabbage butterfly Leaf spot White Rust/	 Give one irrigation at flowering/pod filling stage or if plant shows wilting symptoms. In case of heavy infestation of cabbage butterfly and aphids, spray Azadirachtin 0.03 EC @ 5ml/l. Spray fungicide Mancozeb @ 2.5g/1litre of water, spray at older leaves to avoid wider spread of leaf spot. Spray fungicide (Metalaxyl + Mancozeb @ 2.5g/1litre of water) to manage white rust of mustard.



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			Staghead	
Root Crop (Radish, carrot) Cole crops (Cabbage, Cauliflower, Broccoli)		Vegetative/ Harvesting	Stagatoria	 Maintain proper soil moisture. Periodic pulverization of soil. Harvest the fully developed root in early morning.
		Harvesting		 Irrigate the crop to maintain proper soil moisture. Collection & destruction of severely infested leaves (black spot and blighted leaves). Harvest at fully developed stage.
Ginger/Turr	neric	Harvesting	C & RD BLOCK MAI	 Harvest the crop when the above ground part of plant has fully dried. Clear the infested rhizomes with water & shade dry MECbefore storage.
26°30'0"N=	90°0'0'	E 90°30'0"E	91°0'0"E	• After harvest, collect the severely infested leaves of Ginger and Turmeric and burn to avoid wintering of pathogens.
26°0'0''N 25°30'0''N-	BETAGES OF THE STATE OF THE STA	ASSAM INFERENCE BANGLAM BANGLAM CAMBRIDA CAMBRIDA CAMBRIDA CAMBRIDA BANGLADESH BANGLADESH	ALGEOTTA AMERICANICA MARCIAL STRIPLES MONTO, TOPA ALGEOTTA AL	 Seed Storage For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin. Put 80 kg rhizomes for 30 minutes. Dig pit of 1 x 1 x 1 m size or as per rhizome weight but never deeper than 1m. Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom. Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 3.5 cm dia. Leave 15 cm uppermost portion of pit for aeration then plaster with thin layer of mud. Take out the seeds rhizomes 20-25days before planting.
Pineapple 24°30′0″N-	STATE (MEGH	GIS L'Harvesting ALAY (NovApril) 90°30°0″E	91°0'0"E	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 cm of stalk without damage to the fruit.
Khasi Mand	arin	Harvesting		 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird



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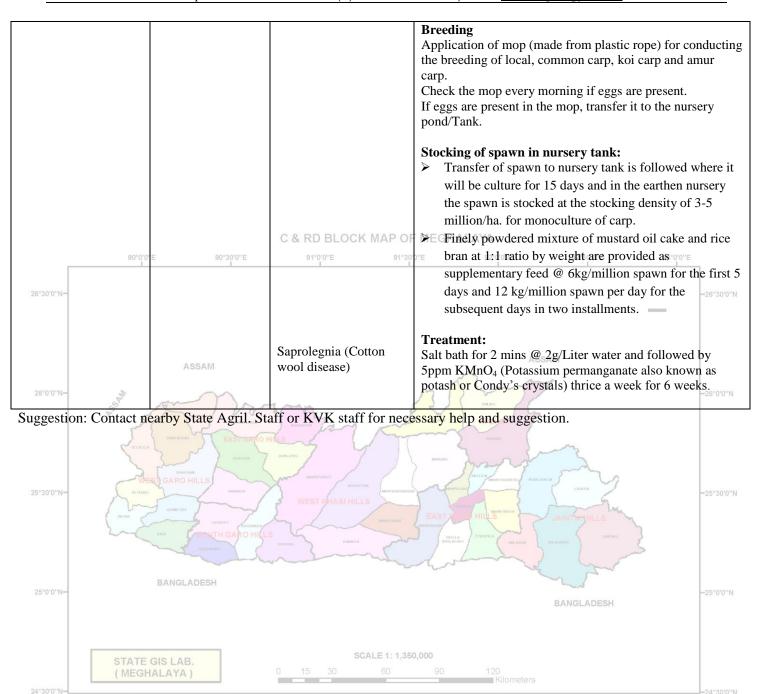
	T	T	
			netting or use traditional methods of bird control. • Prepare fire line to avoid unintentional fire in the
			orchard.
Animal Sciences			
		oosure to cold weather & w	
Poultry	All stages	nimal houses & if required	
Fountry	All stages		Brooder management: Brooder management should be ensured by providing
			heat source 2 watt/chicks electric bulb. 7-10 square
			inches space/chicks.
			As the temperature is low, provision of extra bulb will
			ensure warmth and prevent cold wind.
		C & RD BLOCK MAP OF	 Practice All-in-All-out method of rearing. Maintain hygiene and sanitation in poultry shed.
90°0'0	E 90°30'0"E	91°0'0"E 91°30	Cover the shed with sack or plastic sheets at night time.
			Ensure proper ventilation during day time.
26°30'0"N=			Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
			Litter should be change periodically and provide clean
			 drinking water and change the water every day. Isolate/separate diseased bird and Dead birds should be
	ASSAM		immediately removed.
26°0'0"N-			Regularly inspect the dropings of the poultry birds for
26°0'0"N-	THURSDAY VS	The T	any diseases symptom(Blood
	REBUSELIAMA RESURELIAMA	STANSOTA FRANCE	discharge/Pus/Diarrhoea/Watery).
ATTENT.	S A S SANGER	Coccidiosis (Symptoms:	• Provide plenty of fresh and clean drinking water.
5	Mongham A Company	blood/mucus in feaces)	• Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against
25°30'0"N-	GARO HILLS	MONGSTORN MONTHALBAGHA	coccidiosis.
1	J GAMIF CITE	Ranikhet disease	Vaccinate the poultry birds with F1/ Lasota vaccine (1)
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	CHOKPOT	The second second	drop) at the age of 4-7 days old and 35 days old
Diagous	All stages	ROBORS HARROR	through eye and nostril.
Piggery	All stages	- I what	• Ensure wa <mark>rmth du</mark> ring night time as the temperature is low by providing bedding materials.
25°0'0''N-	BANGLADESH		Ensure proper feed and clean drinking water2500"N
25 0 0 N-			Vaccinate all newly born piglets against swine fever at
			the age of 3 months followed by annual booster dose.
		Deworming	In endemic areas, vaccinate 6 months old pigs with EMD vaccine areas in a year.
	GIS LAB.	SCALE 1: 1,35	FMD vaccine once in a year. Iron supplementation in piglet to prevent from piglet
(MEGI	ALAYA)	0 15 30 60	anaemia during 1 st week of age (0.5-1 ml IM/SC)
24°30'0"N-	90°30'0"E	91°0'0"E 91°30"	repeat after 14 days.
			Deworm pigs by albendazole @ 5-10 mg/kg body
		CI C .:	weight once and repeat after 21 days.
		Skin infection (Scabies)	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Fishery	l	(Seables)	I.
Common Carp	Brooders		Pond preparation:
(All varieties; Amur,	(Breeding season)		Liming (Quicklime at recommended dose) should be done
Local common carp			for maintaining the pH of the water above 7.
and Koi carps)			Maintain the water quality by proper manuring. Maintain 1-1.5m water depth in the culture ponds.
			Feeding Management
			High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
			provided to the brooders (5% of the body weight).



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91°30'0"E



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



Dated: 28/01/2020

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

RC (AE)/30/2011/ Bulletin/January'2020/86

Agro Advisory Bulletin – Ri-Bhoi (Period 29th January – 2nd February, 2020)

Weather summary of the past four days	Weather forecast valid up to 2 nd February, 2020.			
Sky was clear to slightly cloudy with 1.2 mm rainfall. Maximum temperatures ranged between 15.5-18.6°C and minimum ranged between 2.9-3.5°C. Mean relative humidity was 89-91% in morning and 33-63% in evening. Wind speed ranged between 2-3 kmph.	There is possibility of no Rainfall for the next five days. Maximum Temp: 17-18°C, Minimum Temp: 8-10°C, Cloud cover: sky will be clear to partly cloudy i.e. 0-3 Okta, Maximum RH: 78-92%, Minimum RH: 44-49%, Wind speed: 3-4 Kmph, Wind direction: Northeast-South.			
General Advisories: Take precaution from pest & diseases and frost damage. MAP OF MEGHALAYA				

- Take precaution from pest & diseases and frost damage.
- Look for cutworm and cabbage butterfly attack in cole crops.
- Apply, light irrigation to vegetable crops.
- Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

Agro meteorological Advisories for coming 5 days

Pest/Diseases Main Crop Stage **Agricultural Advisories** Nursery raising Nursery seed bed preparation of 1 m width and length as per **Brinjal** convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand. Sow the seed in line at 5 cm spacing. Tomato/Capsicum Nursery raising/ Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Transplanting Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato leaf minor STATE GIS LAB. South American (MEGHALAYA) & destroy the infested leaves at initial stages in the nursery. tomato leaf Avoid excess irrigation to control from damping off diseases. minor Thinning should be done in seedling for healthy plant stand. Damping off Transplant one month old seedling at 45 x 30 cm spacing in Irrigate immediately after transplanting. Mustard/Rapeseed Flowering/Pod filling Give one irrigation at flowering/pod filling stage or if plant shows wilting symptoms. Aphid, Cabbage In case of heavy infestation of cabbage butterfly and aphids, butterfly spray Azadirachtin 0.03 EC @ 5ml/l. Leaf spot Spray fungicide Mancozeb @ 2.5g/1litre of water, spray at older leaves to avoid wider spread of leaf spot. Spray fungicide (Metalaxyl + Mancozeb @ 2.5g/1litre of White Rust/

water) to manage white rust of mustard.



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		Staghead	
Root Crop (Radish, carrot)	Vegetative/ Harvesting		 Maintain proper soil moisture. Periodic pulverization of soil. Harvest the fully developed root in early morning.
Cole crops (Cabbage, Cauliflower, Broccoli)	Harvesting		 Irrigate the crop to maintain proper soil moisture. Collection & destruction of severely infested leaves (black spot and blighted leaves). Harvest at fully developed stage.
Ginger/Turmeric	Harvesting	& RD BLOCK MAI	
90°0'	0°E 90°30'0''E	91°0'0"E	After harvest, collect the severely infested leaves of Ginger and Turmeric and burn to avoid wintering of pathogens. Seed Storage For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and
26°0'0"N-	ASSAM TRANSLA INSURELIMAN BANESICSIN EASTORICO HILLS	The state of the s	 Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin. Put 80 kg rhizomes for 30 minutes. Dig pit of 1 x 1 x 1 m size or as per rhizome weight but
25"30"0"N-	SONGEAM ROME CHOCKER OF THE CHOCKER	MONOGOTON MONOGO	never deeper than 1 m. Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom. Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 3.5 cm dia.
25°0'0''N⊷	BANGLADESH		 Leave 15 cm uppermost portion of pit for aeration then plaster with thin layer of mud. Take out the seeds rhizomes 20-25days before planting.
	Harvesting (NovApril) GIS LAB. HALAYA) 90°30′0″E	SCALE 1 15 30 60 91*0'0"E	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.
Khasi Mandarin	Harvesting		 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. Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.



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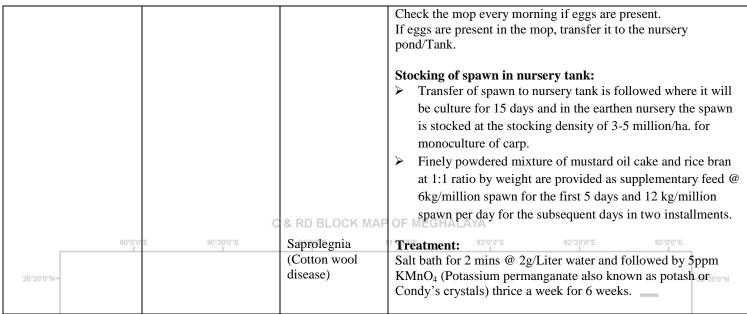
Animal	Sciences			
		/Birds from direct exposu	re to cold weather &	k wind.
		up of insect nests in anim		
Poultry		All stages		 Brooder management: Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. As the temperature is low, provision of extra bulb will ensure warmth and prevent cold wind. Practice All-in-All-out method of rearing. Maintain hygiene and sanitation in poultry shed.
	90°0'0'	C 90°30'0"E	& RD BLOCK MAF	 Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time.
26°30'0''N-		ASSAM	91002	 Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and provide clean drinking water and 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).
26°0'0"N-	S. S. WILLIAM S.	DATERICAL INSUREDANA BONG LIMIT BONG HALS	Coccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease	 Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye
Piggery	DE TAGES	All stages CARRECTE CONTROL CONTROL	WEST ICHA SI HILLS MANUAL MAN	 and nostril. Ensure warmth during night time as the temperature is low by providing bedding materials. Ensure proper feed and clean drinking water. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.
25°0'0''N•		BANGLADESH	Deworming	 In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days.
24°30'0''N•		GIS LAB. ALAYA)	Scale 1: 15 30 60 Skin infection 91 (Scabies)	
Fishery			, /	•
Common (All vari	ieties; Amur, mmon carp	Brooders (Breeding season)		Pond preparation: Liming (Quicklime at recommended dose) should be done for maintaining the pH of the water above 7. Maintain the water quality by proper manuring. Maintain 1-1.5m water depth in the culture ponds. Feeding Management High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be provided to the brooders (5% of the body weight). Breeding Application of mop (made from plastic rope) for conducting the breeding of local, common carp, koi carp and amur carp.

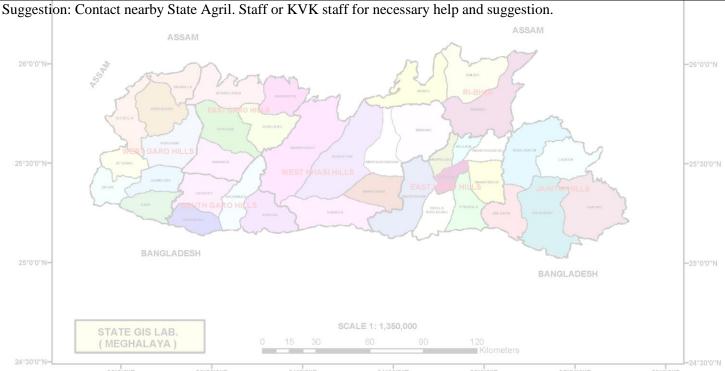


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ICAR Research Complex for NEH Region Umroi Road, Umiam – 793 103 Meghalaya



Dated: 28/01/2020

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RC (AE)/30/2011/ Bulletin/January'2020/86

<u>Agro Advisory Bulletin – SOUTH GARO HILLS</u> (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020

There is possibility of 6.0 mm rainfall for the next five days. Maximum Temp: 20-24°C, Minimum Temp: 10-12°C, Cloud cover: sky will be clear to partly cloudy i.e. 0-3 Okta, Maximum RH: 79-92%, Minimum RH: 33-51%, Wind speed: 3-4Kmph, Wind direction: Northeast-West.

General Advisories:

- Take precaution from pest & diseases and frost damage.
- ➤ Look for cutworm and cabbage butterfly attack in cole crops. MEGHALAYA
- > Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

93°0'0"E

Agro meteorological Advisories for coming 5 days

	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
26°	Brinjal O'O'N- SALE SALE SALE SALE SALE SALE SALE SALE	Nursery raising HENRELA HENRELIMAN ANDROSEN MONOGRAG NORGENIA		 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. Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand. Sow the seed in line at 5 cm spacing.
25°3	Tomato/Capsicum	Nursery raising/res Transplanting	TAMASI HILLS MACATORIA AMERICA TOPOZZ MACATORIA MAC	 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.
25°	BANG	ADESH	CCAL E 4: 4 2 F0 000	 Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing.
24°3	STATE GIS LA (MEGHALAYA 90'0'0"E	0 15	SCALE 1: 1,350,000 30 60 "O"E 91°30'0"E	 Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initial stages in the nursery. Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 45 x 30 cm spacing in evening.
	Mustard/ Rapeseed	Flowering/Pod filling		Maintain proper drainage.
	Root Crop (Radish, carrot)	Vegetative/ Harvesting		 Maintain proper drainage. Periodic pulverization of soil. Harvest the fully developed root in early morning.
	Cole crops (Cabbage, Cauliflower,	Harvesting		 Maintain proper drainage. Collection & destruction of severely infested



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Broccoli)				leaves (black spot and blighted leaves).
				 Harvest at fully developed stage.
Ginger/Tu	ırmeric	Harvesting		Seed Storage
Ginger/Tu	ii iiiei ic	Tiai vesting		Seed Storage
				 For seed purpose select the disease free health rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megh turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity fille with 100 litres of water. Add 250 g Indofil M-45, 100 g Bavistin.
				• Put 80 kg rhizomes for 30 minutes.
		C & RI	BLOCK MAP OF ME	PADigapit of 1 x 1 x 1 m size or as per rhizom
	90°0'0"E		0'0"E 91°30'0"E	weight but never deeper than 1m.
			111111111111111111111111111111111111111	• Plaster all around, put a layer of sand/sawdust (
0'0''N-				cm thick) at bottom.
0 0 14				• Place rhizomes in pit, layer by layer putting leave
				in between and leave for 3-4 days to evacuate th hot air, cover with grass/wooden planks fitted wit
				perforated pipe of 3.5 cm dia.
				 Leave 15 cm uppermost portion of pit for aeratio
		ASSAM		then plaster with thin layer of mud.
"0"N-	N	\sim	M	• Take out the seeds rhizomes 20-25days befor
4	Sen Jan	1 Joseph	5 3	planting.
	5-35	NEWNELIANA KHARRITTA	lan me	RI-BHOT
DI 1	DADENGE	EAST GREO HILLS		136596C
Pineapple	1 2-	Harvesting (NovApril)		Maturity indices: 1) Colour change is the most common method of
	WEST GARD	HILLS (NOVAprili)	MYNEUS MONGSTON	determining the maturity of fruits.
0'0''N-	DE TASBES	SAMARIA WES	T KHASI HILLS	a) For long distance transportation: Fully
(ZMZAK GAMIFGI	CHOKROT 7	/ maxima } EA	mature fruits just before colour change.
	DALI	THITH GARO HILLS	Summi Summi	b) Canning purpose: Slight colour change a
	-	CASHANAIA	A CONTRACTOR OF THE PARTY OF TH	the base of fruit.
			The state of the s	c) Table purpose: Develops satisfactory
"O"'O"	BANG	ADESH		uniform golden yellow colour 2) About 25% of the eyes at the base are becoming
(2011)				flat.
				3) Method of harvesting: Harvesting is done with
				a sharp knife, severing the fruit-stalk with a clean
	STATE GIS LA	R	SCALE 1: 1,350,000	cut retaining 5-7 cm of stalk without damage to the
	(MEGHALAYA	0 15	30 60	90 fruit.
Khasi Ma		Homzastina	1	
Knasi Mai	ngarin	Harvesting 91°	0'0"E 91°30'0"E	Harvest along with stalk." To prevent bird damage of Khasi Mandarin fruit us
				bird netting or use traditional methods of bir
				control.
Animal Sc	iences			
		s/Birds from direct expos		
• C		up of insect nests in anii		
Poultry		All stages		• Brooder management:
				Brooder management should be ensured b
				providing heat source 2 watt/chicks electric bulb
				7-10 square inches space/chicks.
				• As the temperature is low, provision of extra bull



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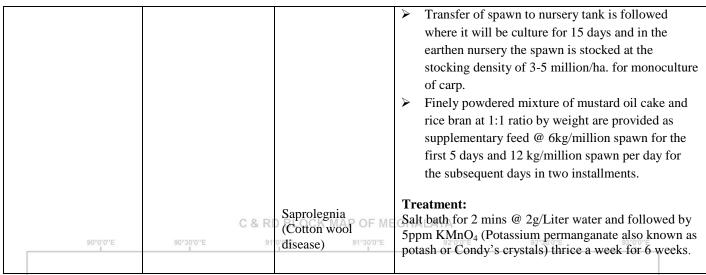
				will ensure warmth and prevent cold wind.
				Practice All-in-All-out method of rearing.
				Maintain hygiene and sanitation in poultry shed.
				Cover the shed with sack or plastic sheets at night
				time.
				Ensure proper ventilation during day time.
				Provide vitamin B complex @ 7ml/litre in drinking
				water daily in broiler for healthy growth.
				Litter should be change periodically and provide
				clean drinking water and change the water every
				day.
				Isolate/separate diseased bird and Dead birds should be immediately removed.
		C & RI	BLOCK MAP OF ME	
	90°0'0"E	90°30'0"E 91	0'0"E 91°30'0"E	for any diseases symptom(Blood
			G : 1: :	discharge/Pus/Diarrhoea/Watery).
26°3	0'0''N-		Coccidiosis	Provide plenty of fresh and clean drinking water.
			(Symptoms:	Provide coccidiostatic like Amprolium @ 25-65
			blood/mucus in	mg/kg feed once a day as a preventive measure
			feaces)	against coccidiosis.
			Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota
		ASSAM		vaccine (1 drop) at the age of 4-7 days old and 35
				days old through eye and nostril.
269	Piggery	All stages	73	Ensure warmth during night time as the
	2 50	THERMALA & STATE OF THE PARTY O	of the state of th	temperature is low by providing bedding materials.
	500	NEBUSELIAMA ANAROTTA	Ison por	Ensure proper feed and clean drinking water.
	SELSELLA BARENGA	EAST GARO HIALS		Vaccinate all newly born piglets against swine
	1 Jan	SONGSAN RONGENG		fever at the age of 3 months followed by annual
	NEST GARO	HILLS	avanut /	booster dose.
25°3	0'0"N-	SAMAKUA	Deworming	• In endemic areas, vaccinate 6 months old pigs with
	CAMBIEGI	S WES	T KHASI HILLS	FMD vaccine once in a year.
	SMOAN STATE	CHOKPOT BACHMARA	imacrona EA	• Iron supplementation in piglet to prevent from
	DALI	STATH GARO HILLS	HAMKOR	piglet anaemia during 1 st week of age (0.5-1 ml
		CESUANAIA SOUCIA		IM/SC) repeat after 14 days.
			The state of the s	Deworm pigs by albendazole @ 5-10 mg/kg body
		ADESH		weight once and repeat after 21 days.
25	0'0''N-		Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body
			(Scabies)	wt.
	Fishery			
	Common Carp	Brooders	SCALE 1: 1,350,000	Pond preparation:
	(All varieties; Amur,	(Breeding season)	30 60	Liming (Quicklime at recommended dose) should be
10,1000	Local common carp	0 15	301 001	done for maintaining the pH of the water above 7.
24°3	and Koi carps)	90°30'0"E 91°	0'0"E 91°30'0"E	Maintain the water quality by proper manuring. 24'300'N
	- 80.0.0.F	90'30'0'E 91"	00 E 91-30-0"E	Maintain 1-1.5m water depth in the culture ponds.
				Feeding Management
				High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
				provided to the brooders (5% of the body weight).
				Breeding
				Application of mop (made from plastic rope) for
				conducting the breeding of local, common carp, koi
				carp and amur carp.
				Check the mop every morning if eggs are present.
				If eggs are present in the mop, transfer it to the nursery
				pond/Tank.
				Stocking of spawn in nursery tank:
•				

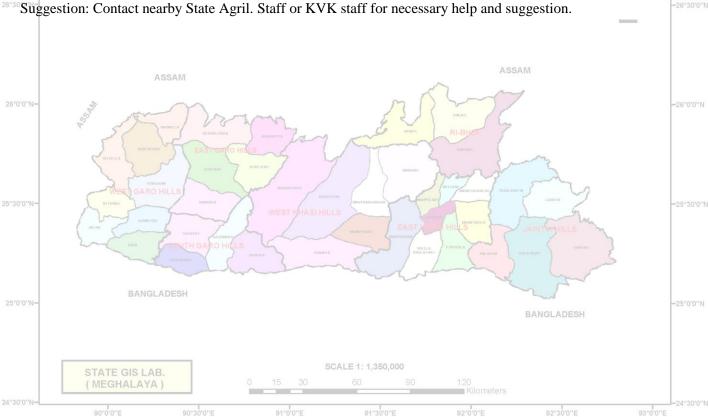


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ICAR Research Complex for NEH Region Umroi Road, Umiam – 793 103 Meghalaya



Dated: 28/01/2020

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RC (AE)/30/2011/ Bulletin/January'2020/86

Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020

There is possibility of 5.0 mm rainfall for the next five days. Maximum Temp: 21-24°C, Minimum Temp: 10-11°C, Cloud cover: sky will be clear to partly cloudy i.e. 0-3 Okta, Maximum RH: 84-93%, Minimum RH: 35-51%, Wind speed: 3-4 Kmph, Wind direction: Northeast-South.

General Advisories:

- Take precaution from pest & diseases and frost damage.
- Look for cutworm and cabbage butterfly attack in cole crops. MEGHALAYA
- Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

Agro meteorological Advisories for coming 5 days —

	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
26°(Brinjal 10"N-	Nursery raising HENDELINA BASTORIO HIGES HORGEN MORGEN	The state of the s	 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. Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand.
5°3(Tomato/Capsicum	Nursery raising/	WEST HAS! HILLS	Sow the seed in line at 5 cm spacing. Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the
25%	BAN	Transplanting	HARRICE	 ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti.
4°3(STATE GIS L (MEGHALA 90°0'0"E		SCALE 1: 1,350 15 30 60 91°0′0″E 91°30′	Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initial stages in the nursery
	Mustard/ Rapeseed	Flowering/Pod filling		Maintain proper drainage.
	Root Crop (Radish, carrot)	Vegetative/ Harvesting		 Maintain proper drainage. Periodic pulverization of soil. Harvest the fully developed root in early morning.
	Cole crops (Cabbage,	Harvesting		Maintain proper drainage.Collection & destruction of severely infested



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	Cauliflower,		leaves (black spot and blighted leaves).
	Broccoli)		Harvest at fully developed stage.
	~	**	9.10
(Ginger/Turmeric	Harvesting	Seed Storage
			 For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled
			with 100 litres of water. • Add 250 g Indofil M-45, 100 g Bavistin. • Put 80 kg rhizomes for 30 minutes.
		C	RD BLOCK MAP OF Dig pit of 1 x 1 x 1 m size or as per rhizome
	90°0'0''E	90°30'0"E	weight but never deeper than 1m.
	90.00 E	90-30-0-E	Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom.
26°30'0''	N-		• Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 3.5 cm dia.
26°0'0''	N= 45	ASSAM	 Leave 15 cm uppermost portion of pit for aeration then plaster with thin layer of mud. Take out the seeds rhizomes 20-25days before
	N- ESAM STATE	TRIMILA NESUDELIMBA X	planting."
I	Pineapple Pineapple	Harvesting	Maturity indices:
25°30'0''	N- BETRONG GA	(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
	OALS .	TH GARO HILLS	the base of fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour
25°0'0''		GLADESH	2) About 25% of the eyes at the base are becoming flat.3) Method of harvesting: Harvesting is done with
	27475 0/0 /	4.0	a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the SCALE 1: 1,351,000 fruit.
	STATE GIS L (MEGHALA	YA) 0	15 30 60 90 120
4°30′0	Khasi Mandarin	Harvesting	Harvest along with stalk. -24*30
	90°0°0″E	90°30°0″E	To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
A	Animal Sciences	I	<u> </u>
•		als/Birds from direct e	xposure to cold weather & wind.
•			animal houses & if required clean the same.
I	Poultry	All stages	 Brooder management: Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. As the temperature is low, provision of extra bulb
			will ensure warmth and prevent cold wind.



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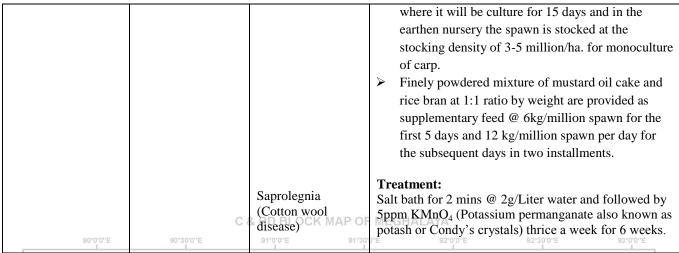
C	& RD BLOCK MAP OF	 Practice All-in-All-out method of rearing. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and 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 MEGFOLAYA any diseases symptom(Blood
	91°0'0"E 91°30'	discharge/Pus/Diarrhoea/Watery).
	(Symptoms: blood/mucus in feaces)	 Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
ASSAM	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.
All stages	The Contract of the Contract o	 Ensure warmth during night time as the temperature is low by providing bedding materials. Ensure proper feed and clean drinking water. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual
ROHILLS SAMANIA FORE CHOCKE CHOCKE	Deworming WEST ISHA SI HILLS MANUFACTURE RADISOR	 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 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.
GLADESH	Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body
	(Scabies)	Wt. BANGLADESH
Brooders (Breeding season) AB. (A) 90°30′0′′E	SCALE 1: 1,350 15 30 60 91°0'0"E 91°30"	Pond preparation: Liming (Quicklime at recommended dose) should be done for maintaining the pH of the water above 7. Maintain the water quality by proper manuring. Maintain 1-1.5m water depth in the culture ponds. Feeding Management High protein feeds i.e. (35 to 40%) protein feeds to be provided to the brooders (5% of the body weight). Breeding Application of mop (made from plastic rope) for conducting the breeding of local, common carp, koi carp and amur carp. Check the mop every morning if eggs are present. If eggs are present in the mop, transfer it to the nursery pond/Tank.
	ASSAM All stages ASSAM All stages FOREITH EAST TOPICO HILLS FOREITH GARO HILLS GLADESH Brooders (Breeding season) AB. (A)	ASSAM All stages Deworming Deworming OHILLS Skin infection (Scabies) Brooders (Breeding season) AB. AB. SCALE 1: 1,355 AB. COccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease

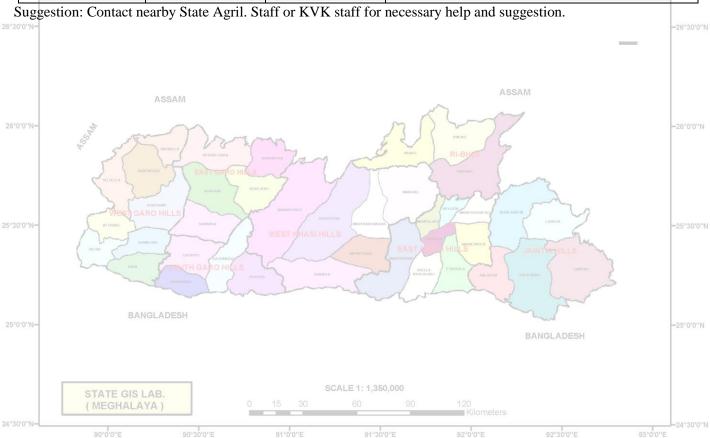


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RC (AE)/30/2011/ Bulletin/January 2020/86

Agro Advisory Bulletin – SOUTH WEST KHASI HILLS (Period 29th January – 2nd February, 2020)

Weather forecast valid up to 2nd February, 2020

There is possibility of 2.0 mm rainfall for the next five days. Maximum Temp: 20-22°C, Minimum Temp: 9-11°C, Cloud cover: sky will be clear to partly cloudy i.e. 0-3 Okta, Maximum RH: 74-91%, Minimum RH: 40-54%, Wind speed: 4-5 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

- Take precaution from pest & diseases and frost damage.
- ➤ Look for cutworm and cabbage butterfly attack in cole crops. ■EGHALAYA
- Apply, light irrigation to vegetable crops.
- Remove weeds and grasses from terrace risers and close pit holes, rat holes on risers.

Agro meteorological Advisories for coming 5 days

	Main Crop	ASSA Stage	Pest/Diseases	Agricultural Advisories
25° 30	Tomato/Capsicum	Nursery raising RESTORAGE RESTO	South American tomato leaf minor Damping off 91°30	 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. Varieties of Brinjal: Arka nidhi, Arka Nilkant and Arka Anand. Sow the seed in line at 5 cm spacing. 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. Varieties of Tomato: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3. Varieties of Capsicum: California wonder, Mahabharat and Pusa deepti. Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initial stages in the nursery. Avoid excess irrigation to control from damping off
	Mustard/ Rapesee	d Flowering/Pod		Give one irrigation at flowering/pod filling stage or
	viustaiu/ Kapesee	filling	Aphid, Cabbage butterfly Leaf spot	 Give one lingation at howering/pod hining stage of if plant shows wilting symptoms. In case of heavy infestation of cabbage butterfly and aphids, spray Azadirachtin 0.03 EC @ 5ml/l. Spray fungicide Mancozeb @ 2.5g/1litre of water, spray at older leaves to avoid wider spread of leaf



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			White Rust/ Staghead	spot. • Spray fungicide (Metalaxyl + Mancozeb @ 2.5g/1litre of water) to manage white rust of mustard.
Root Cr carrot)	op (Radish,	Vegetative/ Harvesting		 Maintain proper soil moisture. Periodic pulverization of soil. Harvest the fully developed root in early morning.
Cole cro (Cabbag Cauliflo Broccoli	ge, wer,	Harvesting	S DD DLOCK MAD G	 Irrigate the crop to maintain proper soil moisture. Collection & destruction of severely infested leaves (black spot and blighted leaves). Harvest at fully developed stage.
Ginger/	Turmeric E	Harvesting	91°0'0"E 91°3	Harvest, the crop when the above ground part of
26°30'0''N-		ASSAM		plant has fully dried. Clear the infested rhizomes with water & shade dry before storage. After harvest, collect the severely infested leaves of Ginger and Turmeric and burn to avoid wintering of pathogens. Seed Storage ASSAM
26 0'0'N-	S.S. MATERIA	TRADERILA INSURELIMENA ADENIGORI BASTORRO HIALS SONGERA	MARRITA JA JA	 For seed purpose select the disease free healthy rhizomes of superior varieties like Nadia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Treat rhizomes: Drum of 200 litres capacity filled with 100 litres of water.
25°30'0''N	BY TAGES	ARO HILLS CHORPOT FACINATIA CONTROL CONTROL	WEST ISHASI HILLS MUST ISHASI HILLS	 Add 250 g Indofil M-45, 100 g Bavistin. Put 80 kg rhizomes for 30 minutes. Dig pit of 1 x 1 x 1 m size or as per rhizome weight but never deeper than 1m. Plaster all around, put a layer of sand/sawdust (8 cm thick) at bottom.
25°0'0"N-	ВА	NGLADESH	SCALE 1: 1,3	 Place rhizomes in pit, layer by layer putting leaves in between and leave for 3-4 days to evacuate the hot air, cover with grass/wooden planks fitted with perforated pipe of 3.5 cm dia. Leave 15 cm uppermost portion of pit for aeration
	STATE GIS (MEGHAL/		15 30 60	then plaster with thin layer of mud. Take out the seeds rhizomes 20-25days before
24°30′0″N—	90°0'0"E	90°30'0"E	91°0'0"E 91°3	planting24°30'0'
Pineapp	le	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.



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				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.
Khasi M	Iandarin	Harvesting		Harvest along with stalk.
				 To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. Prepare fire line to avoid unintentional fire in the orchard.
Animal	Sciences			<u> </u>
		als/Birds from direct e	xposure to cold weather	· & wind.
			animal houses & if req	
Poultry		All stages		Brooder management:
-30'0"N-	90°0'0''E	ASSAM	91°0'0"E 91°30'	Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. • As the temperature is low, provision of extra bulb will ensure warmth and prevent cold wind. • Practice All-in-All-out method of rearing. • Maintain hygiene and sanitation in poultry shed.
e*00'0"N—	ES MININ	TROUGH, A. RESIDELUMA ANY NIGHT EASTORPO HIS.S. AND RIGHT	200	 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. Litter should be change periodically and provide
30'0''N-	DE TANGE	ARO HILLS SAMMUA AMELONE COUPOI DACIMANDA ACCURACIONA ACCURACIONA	WEST HHASI HILLS NAME OF THE PROPERTY OF THE	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
		NO. ADTON	Cassidiasia	discharge/Pus/Diarrhoea/Watery).
5°0'0"N=	ВА	NGLADESH	Coccidiosis (Symptoms: blood/mucus in feaces)	 Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
	STATE GIS (MEGHALA	(YA)	Ranikhet disease SCALE 1: 1,350	vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	90°0'0"E	All stages	91°0'0"E 91°30'	 Ensure warmth during night time as the temperature is low by providing bedding materials. Ensure proper feed and clean drinking water. 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
				 In endering aleas, vaccinate o months out pigs with FMD vaccine once in a year. 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.

Skin infection

Provide Ivermectin (Injection) @ 10mg/33kg body



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