



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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

Agro Advisory Bulletin – WEST KHASI HILLS (Period 8th – 12th January, 2020)

Weather forecast valid up to 12th January,2020

The possibility of Rainfall is 3.0 mm for the next five days. Maximum Temp: 14-16°C, Minimum Temp: 7-8°C, Cloud cover: sky will be mainly clear to cloudy i.e. 1-8 Okta, Maximum RH: 88-99%, Minimum RH: 48-72%, Wind speed: 2-4 Kmph, Wind direction: East-Southeast.

General Advisories:

- > Take precaution of pest & diseases and frost damage.
- Protect young seedling from direct exposure to sunshine.OF MEGHALAYA

30'0''N-	Agro	o meteorologi	cal Advisor	ies for coming 5 days
	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Ton	nato	Nursery raising		• Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground.
°0'0''N-	250 MM	Moren	E.	• Beds are plough and mixed with FYM @ 4 kg/m ² and levelled it properly.
	SELSULA CONTEN	HUMELINGA BAST USARO HIALS BAST AND HIALS	my	 Varieties: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3, O- 17.
30'0''N-	BETARDE CARE	D HILLS	NET YEARS I HOUSE FOR HEAD THAT ADD BOT	 Sow the seed in line at 5 cm spacing. Monitor the incidence of South American tomato leaf minor & destroy the infested leaves at initia stages.
Roo	t Crop (Radish,	Vegetative/		Maintain proper soil moisture.
carı	,	Harvesting	- mit	Harvest the fully developed root in early morning
Cau	e crops (Cabbage, lliflower, ccoli)	Vegetative/ Harvesting		 Collection & destruction of severely infested leaves (black spot and blighted leaves). In case of cabbage butterfly damage (> 2 larvage)
	STATE GIS LA (MEGHALAY		SCALE 1: 1,350,000	per plant), spray Baccillus Thuriagieasis 2g/l.
Gin	ger/Turmeric	Harvesting	0'0''E 91°30'0''E	• Harvest the crop when the above ground part of plant has fully dried.
				 Clear the infested rhizomes with water & shade dry before storage.
				• For seed purpose select the disease free healthy
				rhizomes of superior varieties like Nodia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric.
				Seed Storage Treatrhizomes: 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 20-250days before planting.
D'a a ser la	II.		Matanita indiana
Pineapple	(New April)	D BLOCK MAP OF ME	Maturity indices:
90°0'0''E	(NovApril)	'0'0"E 91°30'0"E	1) Colour change is the most common method of
			determining the maturity of fruits.
2010010101			a) For long distance transportation: Fully
26°30'0''N-			mature fruits in green itself just before colour
			change.
			b) Canning purpose: Slight colour change at
			the base of developing fruit.
	ASSAM		c) Table purpose: Develops satisfactory
			uniform golden yellow colour
26°0'0''N-	~	M	(2) About 25% of the eyes at the base are are
Sol A	- Drown	6 0	becoming flat.
× 5/	TEROPELIARA RESUMERA	Tom me	3) Method of harvesting: Harvesting is done with
5. Contest	EAST GARO HILLS	har 1 Vinter	~~ a sharp knife, severing the fruit-stalk with a clean
C SELSELLA S	RONGENG		cut retaining 5-7 cm of stalk with the fruit without
have a start of the start of th			damage to the fruit.
WEST GAR	D HILLS	merman unerston	MULLEN MONTHCERE BO THADLASKED
²⁵ Khasi Mandarin	-Harvesting	T HHASI HILLS	Harvests along with stalk.
ZHZAK CAMPLE		FI	• To prevent bird damage of Khasi Mandarin fruit use
	CHOKROT BACHMARA	summer former	bird netting or use traditional methods of bird
DALM	STONTH GARO HILLS	KARKOR	BECCATCONTROL. AR ARCH RELEVANT
Animal Sciences	- the	mand of	and and a set
	Birds from direct expos	ure to cold weather &	wind.
	up of insect nests in anir		
	All stages		• Provide artificial heating to poultry birds (day old
	8		to 25 days old) through lightning of electric bulb
			to protect them from low temperature during night
		SCALE 1: 1,350,000	time.
STATE GIS LA			• Keep the poultry house well ventilated during day
(MEGHALAY	A) 0 15	30 60	time.
24°30'0''N-		0'0''E 91°30'0''E	
30.0.0.F	90°30'0''E 91'	0'0''E 91°30'0''E	Provide vitamin B complex @ 7ml/litre in drinking water doily in broiler for healthy growth
			drinking water daily in broiler for healthy growth.
			• Litter should be change periodically and provide
			clean drinking water and change the water every
			day.
			• Diseased and dead birds should be immediately
			removed.
			• Regularly inspect the dropings of the poultry birds for any diseases symptom.
		Coccidiosis	• 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.
		/	





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

		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		• 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
		Deworming	
		Dewoming	piglet anaemia during 1^{st} week of age (0.5-1 ml DA/SC) repeat after 14 days
			IM/SC) repeat after 14 days.
			• Deworm pigs by albendazole @ 5-10 mg/kg body
		01:	weight once and repeat after 21 days.
	C & R		•HAProvide Ivermectin (Injection) @ 10mg/33kg body
90°0'0''E	90°30'0''E 91	(Scabies)	wt. 02'0'0''E 02'30'0''E 03'0'0''E
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with
26°30'0''N-			Brucella abortus cotton strain-19 @ 5ml
28 SU U N-			subcutaneous on the neck
		Foot & Mouth	• Undertake regular immunization of cattle &
		Disease,	buffaloes against Foot & Mouth disease,
		HaemorrhagicSepti	Haemorrhagic septicaemia & Black Quarter.
	ASSAM	caemia, Black	• To prevent [®] FMD spread spray 4% sodium
-		Quarter	carbonate solution (400 gm Na ₂ Co ₃ in 10 litres of
26°0'0''N-	~	m	water) or lime/ bleaching powder should be spread
26°0'0''N-	- man	6 0	every day atleast once around the farm premise &
* 5	RESUBELIMEN RESUBELIMEN	In me	at the entry/exit atleast for 10 days.
	EAST GREO HILLS	Deworming	• Deworm your cattle & buffaloes by albendazole @
Carsens 2	ROHGRING		5-10 mg/kg body weight once and repeat after 21
S and		1 1 5	days. Do not give to pregnant & new born
WEST GARD	HILLS	survey uncertain	animals.
25°30'0''N-	CAMAREA S WES	T KHASI HILLS	• Vitamin and mixed supplements.
Fishery (MARK		EA	• Vitanini ald mixed supplements.
	intain proper dyke.	Mana Yorkit	
	Brooders	and the second	
	(Breeding season)	mand 1	Pond preparation: Maintain the water pH above 7 by liming properly.
Local common carp BANGL			Maintain the water quality by proper manuring.
and Koi carps)	ADESH		Maintain 1-1.5m water depth in the culture ponds. ²⁵⁰⁰
and Kor carps)			BANGEADESP
			Brood stock Management
			Select mature and big parent stock for breeding
		SCALE 1: 1,350,000	activity.
STATE GIS LA			Feeding Management
(MEGHALAYA	0 15	30 60	High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
24°30'0''N- 90°0'0''E	00000000		provided to the brooders.
90°0'0"E	90°30'0''E 91'	0'0"E 91°30'0"E	92°0'0''E 92°30'0''E 93°0'0''E

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



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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

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

(Period 8th – 12th January, 2020) Weather forecast valid up to 12th January, 2020.

<u>Weather forecast valid up to 12⁻⁻⁻ January, 2020.</u> The possibility of Rainfall is 3.0mm for the next five days. Maximum Temp: 17-20°C, Minimum Temp: 9-11°C, Cloud cover: sky will

be clear to mainly cloudy i.e. 0-7 Okta, Maximum RH: 88-94%, Minimum RH: 48-52%, Wind speed: 2-5 Kmph, Wind direction: Northeast-East.

General Advisories:

- > Take precaution of pest & diseases and frost damage.
- > Protect young seedling from direct exposure to sunshine.

	gro meteor	ological Advis	sories for coming 5 days store
Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Tomato-	Nursery raising		 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds are plough and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak,
26°0'0'N-	REVELA	and a second and a	 Megha Tomato-2, Megha Tomato-3, O-17. 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.
Root Crop (Radish, carrot)	Vegetative/ Harvesting	RONGERG MORDIVIENT	 Maintain proper soil moisture. Harvest the fully developed root in early morning.
Cole crops (Cabbage, Cauliflower, Broccoli)	Harvesting TH GAROH	LS RONCER HARSI HILLS	 Collection & destruction of severely infested leaves (black spot and blighted leaves). In case of cabbage butterfly damage (> 2 larvae per plant), spray Baccillus Thuriagieasis 2g/l. Harvest at fully developed stage.
	Harvesting TE GIS LAB. GHALAYA)	SCALE 1: 0 15 30 60 91*0'0"E	• For seed purpose select the disease free healthy fillzonies
			 Seed Storage Treatrhizomes: 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 20-250days before planting.
Pineapple	Harvesting		Maturity indices:
	(NovApril)		1) Colour change is the most common method of
			determining the maturity of fruits.a) For long distance transportation: Fully mature
			a) For long distance transportation: Fully mature fruits in green itself just before colour change.
			b) Canning purpose: Slight colour change at the
			base of developing fruit.
		C & RD BLOCK MAP	c) Table nurness: Develops satisfactory uniform
			golden yellow colour
90	0'0''E 90°30'0''E	91°0'0''E 9	$\frac{1}{2}$ About 25% of the eyes at the base are are becoming
			flat.
26°30'0''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 with the fruit without damage to the fruit.
Khasi Mandarin	Harvesting		• Harvests along with stalk.
	ASSAM		• To prevent bird damage of Khasi Mandarin fruit use bird
26°0'0''N-	00		netting or use traditional methods of bird control.
	And I Va	ma man	
Animal Sciences	1 /D: 1 C	11110	RI-BHOT
		xposure to cold weather & animal houses & if require	
Poultry	All stages	anna nouses & n requi	 Provide artificial heating to poultry birds (day old to 25)
Touring	KONGRAM	Manager Ma Manager Manager Man	days old) through lightning of electric bulb to protect them
25°30'0"N-	INSING ZOOL SAMMANIA	WEST KHASI HILLS	from low temperature during night time.
THE AN		5	• Keep the poultry house well ventilated during day time.
2	DALH CHOKPOT BACHIN	Lis L	• Provide vitamin B complex @ 7ml/litre in drinking water
	CONTRACTO	ROBORA RAINKOR	daily in broiler for healthy growth.
		hor w	• Litter should be change periodically and provide clean
25°0'0''N-	BANGLADESH		drinking water and change the water every day.Diseased and dead birds should be immediately removed.
25 0 0 N-			 Diseased and dead onds should be initialities removed. Regularly inspect the dropings of the poultry birds for any
			diseases symptom.
		Coccidiosis	 Provide plenty of fresh and clean drinking water.
STA	E GIS LAB.	(Symptoms:CALE 1:	•••••Provide coccidiostatic like Amprolium @ 25-65 mg/kg
	GHALAYA)	o blood/mucus in 60	feed once a day as a preventive measure against
24°30'0''N-		feaces)	coccidiosis.
90°0	00''E 90°30'0''E	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
Diggory	All stages		eye and nostril.
Piggery	All stages		• 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 1 st week of age (0.5-1 ml IM/SC) repeat
		Deworming	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 wt.





		(Scabies)		
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with Bru	ıcella
			abortus cotton strain-19 @ 5ml subcutaneous on the n	neck
		Foot & Mouth	• Undertake regular immunization of cattle & buffa	
		Disease,	against Foot & Mouth disease, Haemorrhagic septica	aemia
		HaemorrhagicSepticae	& Black Quarter.	
		mia, Black Quarter	• To prevent FMD spread spray 4% sodium carbo	
			solution (400 gm $Na_2 Co_3$ in 10 litres of water) or 1	
			bleaching powder should be spread every day atleast	
		Deworming	around the farm premise & at the entry/exit atleast for days.	or 10
		2 ¢ ((offining	• Deworm your cattle & buffaloes by albendazole @	5-10
			mg/kg body weight once and repeat after 21 days. Do	
		C & RD BLOCK MAP		o not
		C & KD BLOCK MAP	• Vitamin and mixed supplements.	
Fishery	0"E 90°30'0"E	91°0'0"E	H-3000.E 05.000.E T 05.30.0.E 05.000.E	
	laintain proper dyke.			
oominon om p	Brooders		Pond preparation:	°30'0''N
	(Breeding season)		Maintain the water pH above 7 by liming properly.	
Amur, Local			Maintain the water quality by proper manuring.	
common carp and			Maintain 1-1.5m water depth in the culture ponds.	
Koi carps)	ASSAM		Brood stock Management ^M	
			Select mature and big parent stock for breeding activity. Feeding Management	
26°0'0"N-	- m		High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be prov	vided
8	THREE IN HEREELING	- X - V	to the brooders.	viucu
5	BARENGGRE FASTOR	OHINES PRANT		
Suggestion: Contact r	nearby State Agril.	Staff or KVK staff for n	ecessary help and suggestion.	
	ROBGRAM		and the second second	
25°30'0"N-	SARO HILLS	MONGSTON MONGSTON		100000
20 30 0 N	1th	WEST MAST HILLS		°30'0''N
20K2AK	Committate another Zama	In the firmer	EAST HILLS JAINTACHILLS	
2~(MAN GARO HI	Ls Lange	MILLAN DYNORIA AND DELEMENT CAPTOR	
	CERTIFICATION	ROBORA STATES	ALLANN SALANA	
			where is the	
25°0'0''N-	BANGLADESH			2010/01
25 0 0 N-			BANGLADESH	°0'0''N
		SCALE 1:	1,350,000	
	E GIS LAB. HALAYA)		90 120	
24°30'0"N			Kilometers	°30'0''N
90°0'0'	"E 90°30'0''E	91°0'0''E	31°30'0''E 92°30'0''E 93°0'0''E 93°0'0''E	50 V N





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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

93°0'0''E

<u>Agro Advisory Bulletin – EAST JAINTIA HILLS</u> (Period 8th – 12th January, 2020)

Weather forecast valid up to 12th January, 2020

The possibility of Rainfall is 2.0 mm for the next five days. Maximum Temp: 14-17°C, Minimum Temp: 7-10°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-7 Okta, Maximum RH: 90-97%, Minimum RH: 50-69%, Wind speed: 5-7 Kmph, Wind direction: Northeast.

92°0'0''E

92°30'0''E

General Advisories:

- > Take precaution of pest & diseases and frost damage.
- Protect young seedling from direct exposure to sunshine. MAP OF MEGHALAYA

90°0'0''E 90°30'0''E 91°0'0''E 91°30'0''E

Agro meteorological Advisories for coming 5 days 26°30'0''N Main Crop **Pest/Diseases Agricultural Advisories** Stage Nursery Tomato Nursery seed bed preparation of 1 m width and length as per raising convenience and 15 cm above the ground. Beds are plough and mixed with FYM @ 4 kg/m^2 and levelled it properly. Varieties: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3, O-17. 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. 25°30'0''N Vegetative/ Root Crop Maintain proper soil moisture. Harvesting (Radish, carrot) Harvest the fully developed root in early morning. Vegetative/ Cole crops Collection & destruction of severely infested leaves (black Harvesting spot and blighted leaves). (Cabbage, Cauliflower, In case of cabbage butterfly damage (> 2 larvae per plant), **Broccoli**) spray Baccillus Thuriagieasis 2g/l. Harvest at fully developed stage. Harvesting • Harvest the crop when the above ground part of plant has fully Ginger/Turmeric dried.90 Clear the infested rhizomes with water & shade dry before 92°30'0''E storage. For seed purpose select the disease free healthy rhizomes of superior varieties like Nodia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Seed Storage Treatrhizomes: 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. The state of the set of the se
			• Take out the seeds 20-250days before planting.
Pineapple	Harvesting (NovApril)	C & RD BLOCK	 Maturity indices: Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits MAP OF in green itself just before colour change. b) Canning purpose: Slight colour change at the base of developing fruit.
26°30'0''N-	ASSAM		 c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are 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 with the fruit without damage to the fruit.
Khasi Mandarin	Harvesting		 Harvests along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
Animal Sciences	DARENGERI FEAST	STRO HILLS	Lange interest
		t exposure to cold weath	
		in animal houses & if r	
Poultry 25°30'0'N-	All stages	WEST KHASI HILLS	• Provide artificial heating to poultry birds (day old to 25 days old) through lightning of electric bulb to protect them from
200	CAMILEGILE	2 S WEST MASTHILLS	low temperature during night time.
2	CONTRACT CONTRACT	HILLS	• Keep the poultry house well ventilated during day time.
	Cestimium	ROBERA	• Provide vitamin B complex @ 7ml/litre in drinking water
			daily in broiler for healthy growth.Litter should be change periodically and provide clean
25°0'0''N-	BANGLADESH		drinking water and change the water every day.
			 Diseased and dead birds should be immediately removed.
			• Regularly inspect the dropings of the poultry birds for any
	ATE GIS LAB.	Coccidiosis SCA	diseases symptom. •1:1 Provide plenty of fresh and clean drinking water.
	IEGHALAYA)	(Symptoms:	 Provide picity of riesh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed
24°30'0''N		blood/mucus in	once a day as a preventive measure against coccidiosis24'300'N
ŝ	0°0'0''E 90°30'0''E	feaces)	91°30'0"E 92°30'0"E 93°0'0"E
		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		• 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 1^{st} week of age (0.5-1 ml IM/SC) repeat after 14 days.
		Deworming	• Deworm pigs by albendazole @ 5-10 mg/kg body weight
			once and repeat after 21 days.
		Skin infection	• Provide Ivermectin (Injection) @ 10mg/33kg body wt.





Cattle & 6-9 months calves Brucellosis • Vaccinate 6-9 months old Heifer (Female) wabortus cotton strain-19 @ 5ml subcutaneous on abortus cotton strain-19 @ 5ml subcutaneous on Cotton strain-19 @ 5ml subcutaneous on abortus cotton strain-19 @ 5ml subcutaneous on abortus cotton strain-19 @ 5ml subcutaneous on Cotton strain	with Brucella
Disease, HaemorrhagicSeptic aemia, Black QuarterFoot & Mouth disease, Haemorrhagic septicae Quarter.To prevent FMD spread spray 4% sodium carbo (400 gm Na2 Co3 in 10 litres of water) or lin powder should be spread every day atleast on farm premise & at the entry/exit atleast for 10 dayDisease, HaemorrhagicSeptic aemia, Black QuarterTo prevent FMD spread spray 4% sodium carbo (400 gm Na2 Co3 in 10 litres of water) or lin powder should be spread every day atleast on farm premise & at the entry/exit atleast for 10 day	
	mia & Black onate solution ne/ bleaching ce around the
to pregnant & new born animals.	
C & RD BLOCK MAP Vitamin and mixed supplements.	
Fishery Operative	93°0'0''E
Common Carp Brooders Pond preparation:	
(All varieties; (Breeding season) Maintain the water pH above 7 by liming properly.	-26°30'0''N
Amur, Local Maintain the water quality by proper manuring.	-
common carp and Maintain 1-1.5m water depth in the culture ponds.	
Koi carps) Brood stock Management	
ASSAM Select mature and big parent stock for breeding activ	ity.
Feeding Management	
High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to b the brooders.	e provided to
Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.	
25°30'0"N-	25°30'0''N
BANGLADESH	
25'0'0''N- BANGLADESH	-25°0'0''N
STATE GIS LAB. (MEGHALAYA) SCALE 1: 1,350,000 0 15 30 60 90 120 Kilometers	-0.40001677
24*30*0*N-L	93°0'0''E





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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

Agro Advisory Bulletin – EAST KHASI HILLS (Period 8th – 12th January, 2020)

Weather forecast valid up to 12th January, 2020

The possibility of Rainfall is 5.0 mm for the next five days. Maximum Temp: 10-12°C, Minimum Temp: 3-4°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 1-7 Okta, Maximum RH: 85-95%, Minimum RH: 53-77%, Wind speed: 2-4 Kmph, Wind direction: Northeast-Northwest.

General Advisories:

- > Take precaution of pest & diseases and frost damage.
- > Protect young seedling from direct exposure to sunshine.

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days Main Crop Stage **Pest/Diseases Agricultural Advisories** Tomato Nursery Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the raising ground. Beds are plough and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3, O-17. 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. Root Crop (Radish, carrot) Vegetative/ Maintain proper soil moisture. Harvesting Harvest the fully developed root in early morning. BANG Cole crops (Cabbage, Vegetative/ Collection & destruction of severely infested ٠ **Cauliflower**, Broccoli) Harvesting leaves (black spot and blighted leaves). In case of cabbage butterfly damage (> 2 larvae per plant), spray Baccillus Thuriagieasis 2g/l. SCALE 1: 1,350,000 STATE GIS LA Harvest at fully developed stage. • Ginger/Turmeric Harvesting Harvest the crop when the above ground part of plant has fully dried. Clear the infested rhizomes with water & shade • dry before storage. For seed purpose select the disease free healthy rhizomes of superior varieties like Nodia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. Seed Storage Treatrhizomes: 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 20-250days before planting. 			
Pineapple	Harvesting C & (NovApril)	RD BLOCK MAP OF MEGHA 91°0'0''E 91°30'0''E	1) Colour change is the most common method of			
26°30'0''N~			 determining the maturity of fruits. a) For long distance transportation: Fully mature fruits in green itself just before colour change. 			
	ASSAM		 b) Canning purpose: Slight colour change at the base of developing fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are are 			
26°0'0''N-	EASTISTICO HILLS	and the second	 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 with the fruit without 			
WEST GAR	HILLS		damage to the fruit.			
Khasi Mandarin	Harvesting WH GAPOHILS	EST INHASI HILLS	 Harvests along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. 			
Animal Sciences						
		to cold weather & wind.	The second secon			
		houses & if required clean the				
Poultry	All stages		• Provide artificial heating to poultry birds (day old to 25 days old) through lightning of electric bulb to protect them from low temperature during night time			
STATE GIS LA (MEGHALAY)		SCALE 1: 1,350,000 5 30 60 90	 night time. Keep the poultry house well ventilated during day time. 			
90°0'0''E	90°30'0''E	91°0'0''E 91°30'0''E	• 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.			
			• Diseased and dead birds should be immediately removed.			
		Coccidiosis	 Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide planty of frach and clean drinking water 			
		(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 			





		1	
			against coccidiosis.
		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota
			vaccine (1 drop) at the age of 4-7 days old and 35
			days old through eye and nostril.
Piggery	All stages		• 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
		Deworming	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
	C &	RD BLOCK MAP OF MEGHA	
90°0'0''E	90°30'0''E	Skin infection	• Provide Ivermectin (Injection) @ 10mg/33kg
		(Scabies)	body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with
26°30'0''N-			Brucella abortus cotton strain-19 ⁻²⁶ @ 5ml
			subcutaneous on the neck
		Foot & Mouth Disease,	Undertake regular immunization of cattle &
		HaemorrhagicSepticaemia,	buffaloes against Foot & Mouth disease,
	ASSAM	Black Quarter	Haemorrhagic septicaemia & Black Quarter.
			• To prevent FMD spread spray 4% sodium
26°0'0''N-		M	carbonate solution (400 gm Na ₂ Co ₃ in 10 litres
So and	m) Vorm	n 52	of water) or lime/ bleaching powder should be
51	NESUSE LINEA SUBARI	Deworming	Respread every day atleast once around the farm
	EAST BARO HILLS	The Comment	premise & at the entry/exit atleast for 10 days.
Carrente S	RONG #NG	7 4 1	 Deworm your cattle & buffaloes by albendazole
h at	- A SUNCEAN	MARANG	
MEST G	ARC HILLS	Manual /	@ 5-10 mg/kg body weight once and repeat after
25°30'0''N-	EAMANEA	AMOUTHABRABHAM	21 days. Do not give to pregnant & new born
1 mg.	MIEGE J S V	EST KHASI HILLS	animals.
20x2AK	- S CHOKPOT LAND	La Lamarran LEAST	• Vitamin and mixed supplements.
Fishery 200	THIN BAROHILS	HARROR SHELLA	AU PYNESCA THE PINE THE TAPONE
• Maint	ain proper dyke.	Same	
Common Carp	Brooders	har	Pond preparation:
(All varieties; Amur, Local			Maintain the water pH above 7 by liming properly.
common carp and Koi carps			Maintain the water quality by proper manuring.
common curp and itor curps			DANGLADEGN
			Maintain 1-1.5m water depth in the culture ponds.
			Brood stock Management
		SCALE 4: 4 250 000	Select mature and big parent stock for breeding
STATE GIS		SCALE 1: 1,350,000	activity.
(MEGHALA	(YA.) 0	5 30 60 90	Feeding Management
24°30'0''N			High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
90°0'0"E	90°30'0''E	91°0'0''E 91°30'0''E	provided to the brooders.
			1 ·

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



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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

Agro Advisory Bulletin – NORTH GARO HILLS (Period 8th – 12th January, 2020)

Weather forecast valid up to 12th January, 2020

The possibility of Rainfall is 0.0 mm for the next five days. Maximum Temp: 18-20° C, Minimum Temp: 9-13° C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-7 Okta, Maximum RH: 67-91%, Minimum RH: 48-52%, Wind speed: 4-5 Kmph, Wind direction: Northeast-East.

General Advisories:

 \geq

- > Take precaution of pest & diseases and frost damage.
 - Protect young seedling from direct exposure to sunshine.

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Tomato	Nursery raising ASSAM		 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds are plough and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak,
26'0'0"N-		ALLANDETTA ALLANDA	 Megha Tomato-2, Megha Tomato-3, O-17. 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.
Root Crop (Radish,	Harvesting	WEST INHASI HILLS	 Maintain proper soil moisture. Harvest the fully developed root in early morning.³⁰⁰ N
Cole crops (Cabbage, Cauliflower,	Vegetative/ Harvesting	HARRON CH	• Collection & destruction of severely infested leaves (black spot and blighted leaves).
25°0'0"N-	BANGLADESH	mandy	 In case of cabbage butterfly damage (> 2 larvae per plant), spray Baccillus Thuriagieasis 2g/l. Harvest at fully developed stage. BANGLADESH
	Harvesting GIS LAB. ALAYA)	SCALE 1: 1,35 0 15 30 60 91*0'0"E 91*30	 before storage. For seed purpose select the disease free healthy
			 Seed Storage Treatrhizomes: 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 20-250days before planting.
Pineapple	Harvesting (NovApril)	C & RD BLOCK MAP OI	Maturity indices: Colour change is the most common method of determining the maturity of fruits. For long distance transportation: Fully mature fruits in green itself just before colour change. Canning purpose: Slight colour change at the base of developing fruit.
26°30'0''N-	ASSAM		 c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are 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 with the fruit without damage to the fruit.
Khasi Mandarin	Harvesting	2mm	Harvests along with stalk.
		Res Annual Contraction	 To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
Animal Sciences	3-2-2	ROMO RHG	
		osure to cold weather & w	
Check for buil Poultry	All stages	nimal houses & if required	 Provide artificial heating to poultry birds (day old to 25 days old) through lightning of electric bulb to protect them from low temperature during night time. Keep the poultry house well ventilated during day time.
25°0'0''N-	BANGLADESH	SCALE 1: 1,35	 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. Diseased and dead birds should be immediately removed.
	E GIS LAB. GHALAYA)	0 15 30 60	• Regularly inspect the dropings of the poultry birds for
24°30'0''N-L90°0'	0''E 90°30'0''E	Coccidiosis (Symptoms: blood/mucus in feaces)	 any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		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		 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)





		Domomina	repeat often 14 days
		Deworming	repeat after 14 days.
			• Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
		Skin infection (Scabies)	• Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, HaemorrhagicSepticae mia, Black Quarter	• Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
			 To prevent FMD spread spray 4% sodium carbonate solution (400 gm Na₂ Co₃ in 10 litres of water) or lime/
90°0'0	'E 90°30'0''E	C & RD BLOCK MAP OF Deworming	once around the farm premise & at the entry/exit atleast
			 Deworm your cattle & buffaloes by albendazole @ 5-
26°30'0''N-			10 mg/kg body weight once and repeat after 21 days.
			Do not give to pregnant & new born animals.
			Vitamin and mixed supplements.
Fishery M	aintain proper dyke.		ASSAM
Common Carp	Brooders		Pond preparation:
(All varieties; Amur,	(Breeding season)		Maintain the water pH above 7 by liming properly26°00"
Local common carp	A W	2000	Maintain the water quality by proper manuring.
and Koi carps)	THERMALA	J ANARATTA Jan C	Maintain 1-1.5m water depth in the culture ponds.
2	BARENGERS EAST GREE H	tent / M	Brood stock Management
Server as	South South	вонажиа	Select mature and big parent stock for breeding activity.
2	RONGRAM GARO HILLS	www.unenerman	Feeding Management
25°30'0''N-	SANO HILLS	Muwinadrasha	High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
12-	J CAMBERGRE	WEST KHASTHILLS	provided to the brooders.
Suggestion: Contact n	anthr State Agail St	off on VVV staff for page	EAST HILLS JAINTHHILLS
Suggestion: Contact in	earby State Agrii. Sta		essary help and suggestion.
		ment.	Lotando (mo
	BANGLADESH	0	
25°0'0''N-	BANGLADESH		-25°0'0''N
			BANGLADESH
		004154-405	0.000
	GIS LAB.	SCALE 1: 1,35	
	IALAYA)	0 15 30 60	Kilometers
24°30'0''N-	E 90°30'0''E	91°0'0''E 91°30	0"E 92*0"0"E 92*30"0"E 93*0"0"E





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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

<u>Agro Advisory Bulletin – Ri-Bhoi</u> (Period 8th – 12th January, 2020)

Weather summary of the past four days	Weather forecast valid up to 12 th January, 2020.
Sky was mainly cloudy with 0.0 mm of rainfall. Maximum temperatures ranged between 14.0-17.5°C and minimum ranged between 3.5-8.0°C. Mean relative humidity was 88-98% in morning and 46-80% in evening. Wind speed ranged between 2-4 kmph.	The possibility of Rainfall is 5.0 mm for the next five days. Maximum Temp: 14-18°C, Minimum Temp: 7-8°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-6 Okta, Maximum RH: 84- 96%, Minimum RH: 46-63%, Wind speed: 3-5 Kmph, Wind direction: East-South.
General Advisories: → Take precaution of pest & diseases and frost damage.	AP OF MEGHALAYA
Protect young seedling from direct exposure to sunshine.	91°30'0''E 92°30'0''E 93°0'0''E 93°0'0''E

Agro meteorological Advisories for coming 5 days

rsery raising	 Nursery seed bed preparation of 1 m width and length as perconvenience and 15 cm above the ground. Beds are plough and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties: Avinash-2, Rocky, Pusa Ruby, Arka Rakshal Megha Tomato-2, Megha Tomato-3, O-17. 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. Maintain proper soil moisture. Harvest the fully developed root in early morning.
petative/	
getative/	
vesting	 Collection & destruction of severely infested leaves (blac spot and blighted leaves). In case of cabbage butterfly damage (> 2 larvae per plant spray Baccillus Thuriagieasis 2g/l. Harvest at fully developed stage.
vesting 0 15 30 90"30""E 91"0""E 91"0""E	 Harvest the crop when the above ground part of plant ha fully dried. Clear the infested rhizomes with water & shade dry befor storage. For seed purpose select the disease free healthy rhizomes of superior varieties like Nodia & Jamaica in Ginger an Lakadong & Megha turmeric-1 in Turmeric. <u>Seed Storage</u> Treatrhizomes: Drum of 200 litres capacity filled with 10 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 superior water is a superior weight but superior weight superior weight but superior weight superior weight but superior weight but superior weight superior weight superi





			 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 20-250days before planting.
Pineapple	Harvesting (Nov April)	& RD BLOCK MAF	Maturity indices: 1) Colour change is the most common method of OF determining the maturity of fruits. a) For long distance transportation: Fully mature
26°0'0'N-	E 90'30'0''E	91°0'0"E	 fruits in green itself just before colour change. b) Canning purpose: Slight colour change at the base of developing fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are 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 with the fruit without damage to the fruit.
Khasi Mandarin	Harvesting Harvesting EAST GRIPO HILLS SOUCH	110000 Jan	 Harvests along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
	s/Birds from direct exposu		
Check for build Poultry	All stages House BANGLADESH	al houses & if requi	 Provide artificial heating to poultry birds (day old to 25 days old) through lightning of electric bulb to protect them from low temperature during night time. Keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and provide clean
24°30'0"N-	GIS LAB. ALAYA)	SCALE 1: 15 30 60	 drinking water and change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom.
90°0°8	90°3ô'0''E	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 and nostril.
Piggery	All stages		 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





		Deworming	 after 14 days. Deworm pigs by albendazole @ 5-10 mg/kg body weigh once and repeat after 21 days.
		Skin infection (Scabies)	• Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease, HaemorrhagicSe pticaemia, Black Quarter	davs.
90°0'0 26°30'0''N-	E 90°30'0"E	Deworming	 Deworm your cattle & buffaloes by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days. Do no give to pregnant & new born animals.
			 Vitamin and mixed supplements.
Fishery	1		
•			
Common Carp (All varieties; Amur, Local common carp and Koi carps)	Brooders (Breeding season)	NATIONAL STATE	Pond preparation:ASSAMMaintain the water pH above 7 by liming properly.Maintain the water quality by proper manuring.Maintain 1-1.5m water depth in the culture ponds.Brood stock ManagementSelect mature and big parent stock for breeding activity.Feeding ManagementHigh protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be provided to the brooders (5% of the body weight).
(more	BAU CONTACT AND A CONTACT AND	Saprolegnia (Cotton wool disease)	Treatment: Salt bath for 2 mins @ 2g/Liter water and followed by 5ppm KMnO ₄ thrice a week for 6 weeks.
Suggestion: Contact n	earby State Agril. Staff	or KVK staff for	necessary help and suggestion.
STATE	GIS LAB.	SCALE 1	: 1,350,000
	IALAYA)	15 30 60	90 120 Kilometers -24'30'0'N





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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

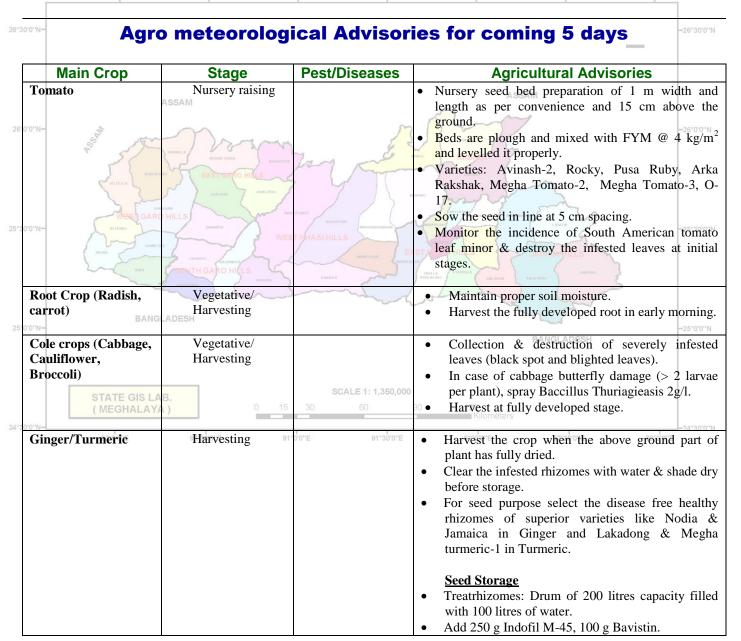
<u>Agro Advisory Bulletin – SOUTH GARO HILLS</u> (Period 8th – 12th January, 2020)

Weather forecast valid up to 12th January, 2020

The possibility of Rainfall is 1.0mm for the next five days. Maximum Temp: 20-22°C, Minimum Temp: 11-13°C, Cloud cover: sky will be clear to cloudy i.e. 0-8 Okta, Maximum RH: 80-87%, Minimum RH: 40-52%, Wind speed: 3-5 Kmph, Wind direction: Northeast-North.

General Advisories:

- > Take precaution of pest & diseases and frost damage.
- Protect young seedling from direct exposure to sunshine. OF MEGHALAYA
 - 90°0'0''E 90°30'0''E 91°0'0''E 91°30'0''E







				• 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 20-250days before planting.
		C & RI	D BLOCK MAP OF ME	
	Pineapple 90°0'0''E	Harvesting	0'0''E 91°30'0''E	Maturity indices:
		(NovApril)		1) Colour change is the most common method of
26**	0'0''N-			determining the maturity of fruits.
20.	00.14			a) For long distance transportation: Fully
				mature fruits in green itself just before colour
				change.
				b) Canning purpose: Slight colour change at the base of developing fruit.
		ASSAM		\sim c) Table purpose: Develops satisfactory
				uniform golden yellow colour
26	o'o''N-	man	17	2) About 25% of the eyes at the base are are
	8 50	TRAVELLA VE X	7 8	becoming flat.
	5 (mar	NETHERAL CALL AND A CA	frent King	3) Method of harvesting: Harvesting is done with
	C SELSELLA	CRAT GRAD HIDED		a sharp knife, severing the fruit-stalk with a clean
	have a for the second s	SONGSAM RONGENG		cut retaining 5-7 cm of stalk with the fruit without
	WEST GAR	O HILLS		damage to the fruit.
25°3	O'O''N-	SAMANGA:		-25°30'0"N
	Khasi Mandarin	Harvesting		• Harvests along with stalk.
		CHOKNOT MACHIMERA		• To prevent bird damage of Khasi Mandarin fruit use
		- CERMANNA	RANKOR	bird netting or use traditional methods of bird
		- How	mul	control.
	Animal Sciences	SLADESH		
25		ls/Birds from direct expos		
		d up of insect nests in anim	nal houses & if require	
	Poultry	All stages		• Provide artificial heating to poultry birds (day old
				to 25 days old) through lightning of electric bulb
	STATE GIS L	AB.	SCALE 1: 1,350,000	to protect them from low temperature during night
24°:	(MEGHALAY	A) 0 15	30 60	0 time:0
	0'0''N-			• Keep the poultry house well ventilated during day
	and the second sec	A) 0 15 90°30'0''E 91'		Keep the poultry house well ventilated during day time: 00'E 92'300'E 93'00'E
	0'0''N-			 Keep the poultry house well ventilated during day time: 00°E Provide vitamin B complex @ 7ml/litre in drinking
	0'0''N-			 Keep the poultry house well ventilated during day time: or example and the second se
	0'0''N-			 Keep the poultry house well ventilated during day time: or exponent of the poultry house well ventilated during day time: or exponent of the provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and provide
	0'0''N-			 Keep the poultry house well ventilated during day time: OFE 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
	0'0''N-			 Keep the poultry house well ventilated during day time: 00°E 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.
	0'0''N-			 Keep the poultry house well ventilated during day time: or a serie and the poultry house well ventilated during day time: or a serie and the poultry house well ventilated during day time: or a series of the poultry house well ventilated during day time: or a series of the poultry house well ventilated during day time: or a series of the poultry house well ventilated during day time: or a series of the poultry house well ventilated during day time: or a series of the poultry house well ventilated during day time: or a series of the poultry house well ventilated during day time: or a series of the poultry house well ventilated during day time: or a series of the poultry house or a series of the poultry house of the poultry house or a series of the poultry house of the poultry house or a series of the poultr
	0'0''N-			 Keep the poultry house well ventilated during day time: or e example and example
	0'0''N-			 Keep the poultry house well ventilated during day time: or e example 22300 E example 2300 E example 23
	0'0''N-		0'0''E 91*30''0''E	 Keep the poultry house well ventilated during day time: or e export ex
	0'0''N-		Dore 91*30'0'E Coccidiosis	 Keep the poultry house well ventilated during day time: or a source are as a source of the poultry house well ventilated during day time: or a source of the poultry house well ventilated during day time: or a source of the poultry is a source of the poultry in broiler for healthy growth. Litter should be change periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water.
	0'0''N-		0'0''E 91*30''0''E	 Keep the poultry house well ventilated during day time: or e export ex





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

Г			feaces)	against coccidiosis.
			Ranikhet disease	 Vaccinate the poultry birds with F1/ Lasota
			Kallikliet ülsease	• vaccine (1 drop) at the age of 4-7 days old and 35
				days old through eye and nostril.
-	Diagona	All stages		
	Piggery	All stages		• 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.
			Deworming	• Iron supplementation in piglet to prevent from 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
		C & RI	BLOCK MAP OF ME	GHAL weight once and repeat after 21 days.
	90°0'0''E	90°30'0''E 91'	Skin infection	• Provide Ivermectin (Injection) @ 10mg/33kg body
			(Scabies)	wt.
2000	Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with
26°30	.uN-			<i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
			Foot & Mouth	• Undertake regular immunization of cattle &
			Disease,	buffaloes against Foot & Mouth disease,
		ASSAM	HaemorrhagicSepti	Haemorrhagic septicaemia & Black Quarter.
			caemia, Black	• To prevent FMD spread spray 4% sodium
2610	'0''N- 10	<u></u>	Quarter 🦯	carbonate solution (400 gm Na ₂ Co ₃ in 10 litres of
	10"N- R3BH	THURSDAY VIEW	5	water) or lime/ bleaching powder should be spread
	24	REBURE LIMAN REPORT	han m	every day atleast once around the farm premise &
	SELSELLA CARENA	EASTGREO HILE		at the entry/exit atleast for 10 days.
		SONGEM 7 RONGENG	Deworming	• Deworm your cattle & buffaloes by albendazole @
	ALES GARG	HILLS	arrange	5-10 mg/kg body weight once and repeat after 21
25°30	"O"N-	SAMAICIA SAMAICIA	MONOSTON MONTHABRASHAN	days. Do not give to pregnant & new born animals.
	Conf CAMPLE	y wes	T KHASI HILLS	• Vitamin and mixed supplements.
	Fishery Transformer	- S CHOKPOT JACHANNALA	innerena EA	AINT HILLS
		aintain proper dyke.	HANKOR JAN	UNTILA PRODUCT AND THE TOPHY A
	Common Carp	Brooders	man 1	Pond preparation:
	(All varieties; Amur,	(Breeding season)	- h	Maintain the water pH above 7 by liming properly.
2590	Local common carpBANG	ADESH		Maintain the water quality by proper manuring.
	and Koi carps)			Maintain 1-1.5m water depth in the culture ponds.
				Brood stock Management Select mature and big parent stock for breeding
				activity.
	STATE GIS LA		SCALE 1: 1,350,000	Feeding Management
	(MEGHALAYA	0 15	30 60	High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
24°30		T	1 0'0''E 91°30'0''E	provided to the brooders.
	90°0'0''E	90°30'0''E 91°	0'0''E 91°30'0''E	92°0'0''E 92°30'0''E 93°0'0''E

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



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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

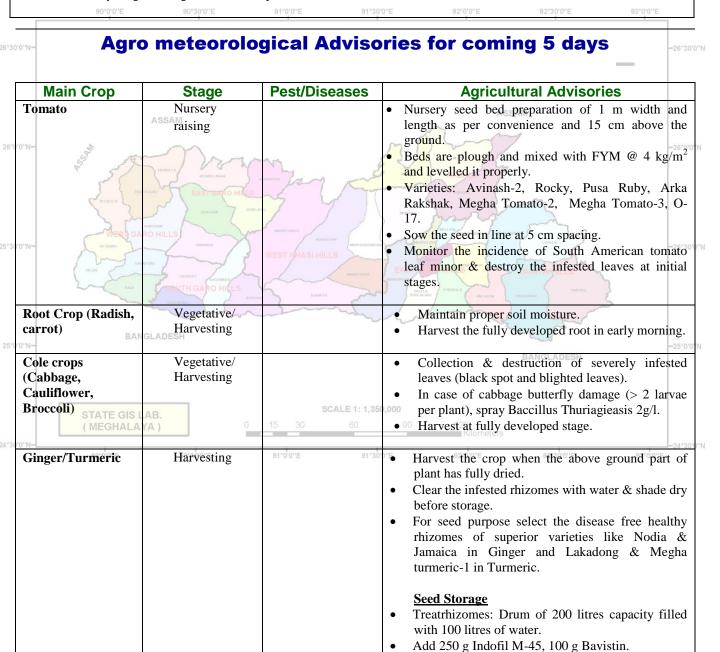
Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 8th – 12th January, 2020)

Weather forecast valid up to 12th January, 2020

The possibility of Rainfall is 1.0 mm for the next five days. Maximum Temp: 20-21°C, Minimum Temp: 11-14°C, Cloud cover: sky will be clear to cloudy i.e. 0-8 Okta, Maximum RH: 85-93%, Minimum RH: 48-57%, Wind speed: 3-5 Kmph, Wind direction: Northeast-East.

General Advisories:

- > Take precaution of pest & diseases and frost damage.
- Protect young seedling from direct exposure to sunshine.OF MEGHALAYA







				• 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 20-250days before planting.
			RD BLOCK MAP OF	MEGHALAYA
	Pineapple	Harvesting		Maturity indices:
	1 incappie 90°0'0''E	(NovApril)	91°0'0"E 91°30'	T_{μ} 1) Colour change is the most common method of
		(100. 11011)		determining the maturity of fruits.
26°3	'0''N-			a) For long distance transportation: Fully
				mature fruits in green itself just before colour
				0
				change.
				b) Canning purpose: Slight colour change at
		ASSAM		the base of developing fruit.
				c) Table purpose: Develops satisfactory
26°	0''N-	~		n 👝 🦳 uniform golden yellow colour
	NON- Shit water	- War	NA Z	$\langle 2 \rangle$ About 25% of the eyes at the base are are
	5/	TRADUCALA NERVICELIMAN	ARBETTA TA A	becoming flat.
	5 040	EAST GARO HILLS	par (Mar	3) Method of harvesting: Harvesting is done with
	Carsery 2	ROHOR ROHOR	7 4 1	a sharp knife, severing the fruit-stalk with a clean
	h of	SONOSAN (^m cut retaining 5-7 cm of stalk with the fruit without
	WEST GA	RO HILLS	MANNOLYMBUL MONOSTON	damage to the fruit.
25°3	"O"N-	EAMABER 3	WEST KHASI HILLS	-25°30'I"
	Khasi Mandarin	Harvesting		Harvests along with stalk.
		CHOKPOT BACHMARA		• To prevent bird damage of Khasi Mandarin fruit use
	ALM CALL	STANTH GARO HILLS	HAMROR JAC	bird netting or use traditional methods of bird
		The second	1 mil	control.
	Animal Sciences			
25°	Protect Anim	als/Birds from direct e	xposure to cold weather	
		1	animal houses & if re	
	Poultry	All stages		• Provide artificial heating to poultry birds (day old
				to 25 days old) through lightning of electric bulb
	STATE GIS L	AB	SCALE 1: 1,350	to protect them from low temperature during night
	(MEGHALA		15 30 60	90 time. 120
24.03	0'0''N-			• Keep the poultry house well ventilated during day
24 0	90°0'0"E	90°30'0''E	91°0'0''E 91°30'	D''E time. 92°0'0''E 92°30'0''E 93°0'0''E
				• 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.
			1	• Diseased and dead birds should be immediately
				nome over d
				removed.
				• Regularly inspect the dropings of the poultry birds
				• Regularly inspect the dropings of the poultry birds for any diseases symptom.
			Coccidiosis	 Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water.
			(Symptoms:	• Regularly inspect the dropings of the poultry birds for any diseases symptom.
				 Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water.





			feaces)	against coccidiosis.
			Ranikhet disease	<u> </u>
			Raniknet disease	• Vaccinate the poultry birds with F1/ Lasota
				vaccine (1 drop) at the age of 4-7 days old and 35
	~ 4			days old through eye and nostril.
ł	Piggery	All stages		• 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.
			Deworming	• Iron supplementation in piglet to prevent from 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
		C	RD BLOCK MAP OF	MEG weight once and repeat after 21 days.
	0.000 AUE	90°30'0''E	Skin infection	• Provide Ivermectin (Injection) @ 10mg/33kg body
	90°0'0''E	90-30 0 E	(Scabies)	wt.
(Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with
26°30'0''	N=			Brucella abortus cotton strain-19 @ 5ml° subcutaneous on the neck
			Foot & Mouth	• Undertake regular immunization of cattle &
			Disease,	buffaloes against Foot & Mouth disease,
		ASSAM	HaemorrhagicSepti	Haemorrhagic septicaemia & Black Quarter.
			caemia, Black	• To prevent FMD spread spray 4% sodium
26°0'0''	N=	~	Quarter	carbonate solution (400 gm Na ₂ Co ₃ in 10 litres of
	N- KAR ANA	5 1 mar	Nn b	water) or lime/ bleaching powder should be spread
	5	NERVICEIARA K	and the second	every day atleast once around the farm premise &
		EAST GARO HILLS	at Mar	at the entry/exit atleast for 10 days.
	Serven y	SUNGERS	Deworming	• Deworm your cattle & buffaloes by albendazole @
	35	RONGRAM		5-10 mg/kg body weight once and repeat after 21
	WEST GA	RO HILLS	MONOSTON	days. Do not give to pregnant & new born animals.
25°30'0''	N-	CARRANGEA 3	WEST HHASI HILLS	 Vitamin and mixed supplements.
T	Fishery (202AK			• vitalini ald nixed supplements.
•		Maintain proper dyke.	HANNOR	UNITIAN PRODUCT A AR AND MULTIMET LAPIDS
(Common Carp	Brooders	and the second	Pond preparation:
		(Breeding season)		Maintain the water pH above 7 by liming properly.
25°0'0''	Amur, Local			Maintain the water quality by proper manuring.
	common carp and			Maintain 1-1.5m water depth in the culture ponds.
	Koi carps)			Brood stock Management
	1 /			Select mature and big parent stock for breeding
	STATE GIS L	AB	SCALE 1: 1,350	activity.
	(MEGHALA		15 30 60	Feeding Management
24°30'0''				High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
24 30 0 1	90°0'0''E	90°30'0''E	91°0'0''E 91°30'	provided to the brooders.

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



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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

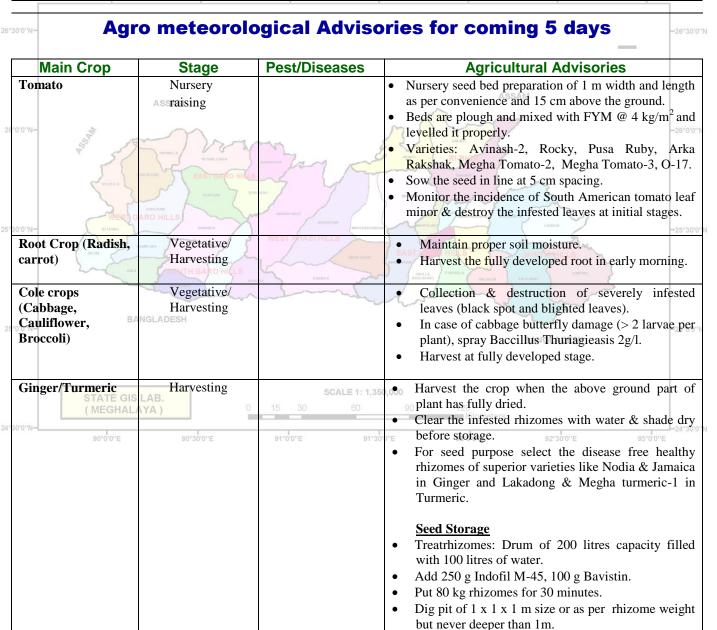
<u>Agro Advisory Bulletin – SOUTH WEST KHASI HILLS</u> (Period 8th – 12th January, 2020)

Weather forecast valid up to 12th January, 2020

The possibility of Rainfall is 2.0mm for the next five days. Maximum Temp: 13-15°C, Minimum Temp: 4-5°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-7 Okta, Maximum RH: 73-88%, Minimum RH: 38-55%, Wind speed: 3-6 Kmph, Wind direction: Northeast.

General Advisories:

- > Take precaution of pest & diseases and frost damage.
- Protect young seedling from direct exposure to sunshine.OF MEGHALAYA
 - 90°0'0''E 90°30'0''E 91°0'0''E 91°3



Plaster all around, put a layer of sand/sawdust (8 cm





F				41.1 1.4 1.4
				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 20-250days before planting.
	Pineapple	Harvesting		Maturity indices:
		(NovApril)		1) Colour change is the most common method of
				determining the maturity of fruits.
		С	& RD BLOCK MAP OF	MEGHAa) For long distance transportation: Fully
	90°0'0''E	90°30'0''E	91°0'0"E 91°30'	mature fruits in green itself just before colour
		1	I	b) Canning purpose: Slight colour change at
26°30	'0''N-			the base of developing fruit.
				c) Table purpose: Develops satisfactory
				uniform golden yellow colour
				2) About 25% of the eyes at the base are are
				becoming flat.
		ASSAM		3) Method of harvesting: Harvesting is done with a
26°0	'0''N=	~		sharp knife, severing the fruit-stalk with a clean cut
	10"N-	5 War	m g	retaining 5-7 cm of stalk with the fruit without damage to the fruit.
	25	HESUBELIMAN	KURATERTA JEM M	danage to the fruit.
	Khasi Mandarin	Harvesting	and 4	Harvests along with stalk.
	5 12	ROBGRAM		• To prevent bird damage of Khasi Mandarin fruit use
25°30	'O''N-	ARO HILLS	MONGS TOTAL MONGS TOTAL MONGTRAD BABBAR	bird netting or use traditional methods of bird control.
	Animal Sciences	AMIEGRE	WESTIGHASTHILLS	
	Protect Anima	als/Birds from direct e	xposure to cold weather	& wind.
			animal houses & if req	
	Poultry	All stages	and the	• Provide artificial heating to poultry birds (day old to 25 days old) through lightning of electric bulb to
2600	'0''N-	NGLADESH		protect them from low temperature during night
				time.
				• Keep the poultry house well ventilated during day
				time.
	STATE GIS	LAB	SCALE 1: 1,350	1 0
	(MEGHALI		15 30 60	90 water daily in broiler for healthy growth.
24°30	'0''N-	1		• Litter should be change periodically and provide
	90°0'0''E	90°30'0''E	91°0'0''E 91°30'	8
				day.Diseased and dead birds should be immediately
				removed.
				• Regularly inspect the dropings of the poultry birds
				for any diseases symptom.
			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
				vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
L				uays old ullough eye and llosull.





D'	A 11		X7 · . 11 1 1 · 1 · · · · · ·
Piggery	All stages		• 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
		Deworming	• Iron supprementation in piglet to prevent from 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.
		Skin infection	• Provide Ivermectin (Injection) @ 10mg/33kg body
		(Scabies)	wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with
90°0'0''E	00°30'0''E	& RD BLOCK MAP OF	MECBrucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
5000E		Foot & Mouth	• Undertake regular immunization of cattle &
		Disease,	buffaloes against Foot & Mouth disease,
26°30'0''N-		HaemorrhagicSeptic	Haemorrhagic septicaemia & Black Quarter.
		aemia, Black	• To prevent FMD spread spray 4% sodium carbonate
		Quarter	solution (400 gm Na ₂ Co ₃ in 10 litres of water) or
			lime/ bleaching powder should be spread every day
	ASSAM		atleast once around the farm premise & at the
	ACOAM		entry/exit atleast for 10 days.
26°0'0''N-	2	Deworming	• Deworm your cattle & buffaloes by albendazole @
28'0'0''N-	m / Vrav	my l	5-10 mg/kg body weight once and repeat after 21
1	RESUBELISARA	ANARAUTER Trans	days. Do not give to pregnant & new born animals.
2 1	EAST GARO HILLS	and the	• Vitamin and mixed supplements.
Fishery	SURCEAN RONG		INVERSION DE CONTRACTOR DE CON
• 21	Maintain proper dyke.	I unessinais	Stranger of Stranger
Common Carp	Brooders	MONOSTON	Pond preparation:
(All varieties;	(Breeding season)	WEST KHASI HILLS	Maintain the water pH above 7 by liming properly.
Amur, Local	and another I have	in and in the second	Maintain the water quality by proper manuring.
common carp and	THIN HARO HILLS	5	Maintain 1-1.5m water depth in the culture ponds.
Koi carps)	Lesundan Long		Brood stock Management
		and the	Select mature and big parent stock for breeding activity.
B	ANGLADESH		Feeding Management
2!"0'0"N-			High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be ⁵⁰⁰⁰ provided to the brooders.
Suggestion: Contac	t nearby State Agril.	Staff or KVK staff for	necessary help and suggestion.
STATE GIS		SCALE 1: 1,350	
(MEGHAL		15 30 60	90 120 Kilometers
24°30'0''N-			-24°30'0'
90°0'0''E	90°30'0''E	91°0'0''E 91°30'	0"E 92°0'0"E 92°30'0"E 93°0'0"E



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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

<u>Agro Advisory Bulletin – WEST GARO HILLS</u> (Period 8th – 12th January, 2020)

Weather forecast valid up to 12th January, 2020

The possibility of Rainfall is 1.0 mm for the next five days. Maximum Temp: 18-20° C, Minimum Temp: 10-13° C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-7 Okta, Maximum RH: 85-93%, Minimum RH: 48-57%, Wind speed: 3-5 Kmph, Wind direction: Northeast-East.

General Advisories:

- > Take precaution of pest & diseases and frost damage.
- > Protect young seedling from direct exposure to sunshine.

Agro meteorological Advisories for coming 5 days

Nursery raising		 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds are plough and mixed with FYM @ 4 kg/m² and levelled it properly. Varieties: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3, O-17. 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. Maintain proper soil moisture. Harvest the fully developed root in early
		 Maintain proper soil moisture. Harvest the fully developed root in early
	HUNR TUTHET BAST	• Harvest the fully developed root in early
Vegetative/ Harvesting		 Collection & destruction of severely infested leaves (black spot and blighted leaves). In case of cabbage butterfly damage (> 2 larvae per plant), spray Baccillus Thuriagieasis 2g/l. Harvest at fully developed stage.
Harvesting 15 3	SCALE 1: 1,350,000 0 60 90	 Harvest the crop when the above ground part of plant has fully dried.
90°30°0″E 91°0'0″E	91*30'0"E	 Clear the infested rhizomes with water & shade dry before storage. For seed purpose select the disease free healthy rhizomes of superior varieties like Nodia & Jamaica in Ginger and Lakadong & Megha turmeric-1 in Turmeric. <u>Seed Storage</u> Treatrhizomes: 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.
	Harvesting	Harvesting SCALE 1: 1,350,000 Harvesting 15 30 60 90







				 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.
Pineappl	e	Harvesting (Nov		 Take out the seeds 20-250days before planting. Maturity indices:
26:30'0''N-	90°0'0''E	April) C & RD		 1) Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits in green itself just before colour change. b) Canning purpose: Slight colour
20°0'0"N	AS CONTRACTOR OF	INVESTIGATION AND AND AND AND AND AND AND AND AND AN	ALMAN AND AND AND AND AND AND AND AND AND A	 change at the base of developing fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are 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 with the fruit without damage to the fruit.
Khasi M 25 ⁻ 30 ⁻ 0 ⁻ ⁻ ⁻	Sciences	Harvesting WEST Sirds from direct exposur	HARROR HOUSE	 Harvests along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
		of insect nests in anima All stages	I houses & if required c SCALE 1: 1,350,000 30 60 90	 lean the same. Provide artificial heating to poultry birds (day old to 25 days old) through lightning of electric bulb to protect them from low temperature during night time. Keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and provide clean drinking water and change the water every day.
			Coccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease	 Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota





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

			version (1 drop) at the age of 4.7 days old and 2
			vaccine (1 drop) at the age of 4-7 days old and 3 days old through eye and nostril.
Diagona,	All stages		
Piggery	All stages		• Vaccinate all newly born piglets against swir
			fever at the age of 3 months followed by annua
			booster dose.
			• In endemic areas, vaccinate 6 months old pig
			with FMD vaccine once in a year.
			• Iron supplementation in piglet to prevent from
		Deworming	piglet anaemia during 1 st week of age (0.5-1 n
			IM/SC) repeat after 14 days.
			• Deworm pigs by albendazole @ 5-10 mg/k
			body weight once and repeat after 21 days.
		Skin infection	
	C & RD E	LOCK(Scabies) MEGI	
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) wit
	· · · · · · · · · · · · · · · · · · ·		Brucella abortus cotton strain-19 @ 5n
:0'0''N-			subcutaneous on the neck
.0.0.1N		Foot & Mouth	• Undertake regular immunization of cattle
		Disease,	buffaloes against Foot & Mouth disease
		HaemorrhagicSepti	Haemorrhagic septicaemia & Black Quarter.
		caemia, Black	• To prevent FMD spread spray 4% sodium
	SAM	Quarter	carbonate solution (400 gm Na ₂ Co ₃ in 10 litres of
A	SAM	-	water) or lime/ bleaching powder should b
0'0''N- &	~~~	m	spread every day atleast once around the farm
St. An	Dona	22	premise & at the entry/exit at least for 10 days.
¥ 5	NERVELA NERVELINEA	Deworming	• Deworm your cattle & buffaloes by albendazol
DATE NOGH	E EAST MALE	- Rum	@ 5-10 mg/kg body weight once and repeat after
C SELSELLA			21 days. Do not give to pregnant & new bor
2 2	SDRGSAN RONGENG	MIRANG	animals.
WEST GARO H	ILLS MANNALYSING		I MILLIN CONTRACTOR
IO'O''N-	SAMANGA	MOWOSTOW MANTHABRASHAM	Vitamin and mixed supplements.
Fishery	J S WEST R	HASIHILLS	and the stand of the
	ntain proper dyke.	innerens EAST	JAINT& JAINT& JAINT
Common Carp	Brooders	HANKOR BROOM	Pond preparation:
(All varieties; Amur,	(Breeding season)	man /	Maintain the water pH above 7 by liming properly.
Local common carp and		- hr	Maintain the water quality by proper manuring.
Koi carps) BANGLA	DESH		Maintain 1-1.5m water depth in the culture ponds.
0'0''N-			Brood stock Management
			Select mature and big parent stock for breeding
			activity.
			Feeding Management
STATE GIS LAB		SCALE 1: 1,350,000	High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to b
JIAIL DIGLAD	0 45 3	0 60 00	provided to the brooders.
(MEGHALAYA	0 10 0	00 00	provided to the brooders.

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



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

RC (AE)/30/2011/ Bulletin/January'2020/80

Dated: 07/01/2020

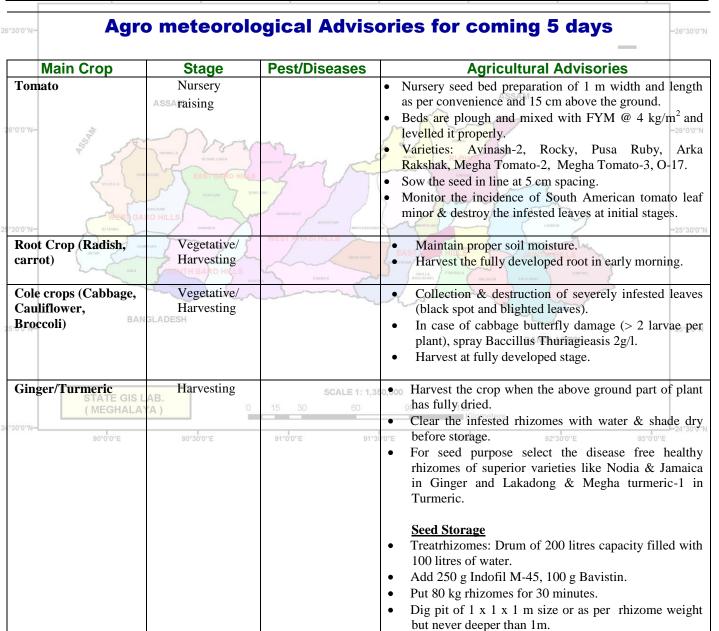
<u>Agro Advisory Bulletin – WEST JAINTIA HILLS</u> (Period 8th – 12th January, 2020)

Weather forecast valid up to 12th January, 2020

The possibility of Rainfall is 8.0 mm for the next five days. Maximum Temp: 14-16°C, Minimum Temp: 5-8°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 1-7 Okta, Maximum RH: 92-99%, Minimum RH: 49-76%, Wind speed: 2-4 Kmph, Wind direction: Northeast-East.

General Advisories:

- > Take precaution of pest & diseases and frost damage.
- Protect young seedling from direct exposure to sunshine. OF MEGHALAYA
 - 90°0'0'E 90°30'0''E 91°0'0''E 91°30'0''E







			 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 20-250days before planting.
Dimonsula	Homosting		Maturity indiana
Pineapple	Harvesting (NovApril) 90°30'0"E	& RD BLOCK MAP O	a) For long distance transportation: Fully mature fruits in green itself just before colour
28°30'0''N-	ASSAM		 change. b) Canning purpose: Slight colour change at the base of developing fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are are becoming flat.
26°0'0''N-		marker of the	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 with the fruit without damage to the fruit.
Khasi Mandarin	Harvesting	NEW CONTRACTOR	 Harvests along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
Animal Sciences	ereste 5	WEST KHASI HILLS	
	s/Birds from direct ex	posure to cold weather	& wind.
		animal houses & if req	
Poultry	All stages		• Provide artificial heating to poultry birds (day old to
25°0'0''N-	GLADESH		25 days old) through lightning of electric bulb to protect them from low temperature during night time.Keep the poultry house well ventilated during day time.
STATE GIS L (MEGHALA)		SCALE 1: 1,38	• Provide vitamin B complex @ 7ml/litre in drinking
90°0'0"E	90°30'0''E	91°0'0''E 91°34	 Diseased and dead birds should be inimicately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom.
		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.
		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		• Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.





		Deworming Skin infection (Scabies)	 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.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
90°0'0''E	90°30'0''E	Foot & Mouth Disease, HaemorrhagicSepti caemia, Black Quarter	• Undertake regular immunization of cattle & buffaloes
16°0'0''N− →	ASSAM	Deworming	 entry/exit atleast for 10 days. Deworm your cattle & buffaloes by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days. Do not give to pregnant & new born animals. Vitamin and mixed supplements.
Fishery 3	5 War	- Ma	
	aintain proper dyke.	ANARATTA Jay m	RI-BHOT
Common Carp (All varieties; Amur, Local common carp and Koi carps)	Brooders (Breeding season)	Neveritaria Neveritaria WEST ISHASI HILLS ABRIR ABRIR	 Pond preparation: Maintain the water pH above 7 by liming properly. Maintain the water quality by proper manuring. Maintain 1-1.5m water depth in the culture ponds. Brood stock Management Select mature and big parent stock for breeding activity. Feeding Management High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be provided to the brooders.
Suggestion: Contact nearb	AB.	KVK staff for necess SCALE 1: 1,3 15 30 60	50,000
24°30'0''N-	90°30'0"E	91°0'0''E 91°30	-24°30'0''N