

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

RC (AE)/30/2011/ Bulletin/January'2020/79

Dated: 03/01/2020

Agro Advisory Bulletin – WEST GARO HILLS (Period 4th – 8th January, 2020)

Weather forecast valid up to 8th January, 2020 The possibility of Rainfall is 5.0 mm for the next five days. Maximum Temp: 18-20° C, Minimum Temp: 9-11° C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-6 Okta, Maximum RH: 80-98%, Minimum RH: 47-79%, Wind speed: 2-5 Kmph, Wind direction: Northeast-West.

General Advisories:

- Apply straw mulch to conserve water.
- Protect young seedling from direct exposure to sunshine. \triangleright

Agro meteorological Advisories for coming 5 days 93°0'0''E

Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Tomato Root Crop (Radish, carrot) Cole crops (Cabbage, Cauliflower, Broccoli) Ginger/Turmeric	Nursery raising	ACARGO ARANGO AND AND AND AND AND AND AND AND AND AND	 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/m and levelled it properly. Varieties: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3, O 17. Harvest the fully developed root in early morning. Collection & destruction of cutworm. Harvest at fully developed stage. Harvest the crop when the above ground part or plant has fully dried. Clear the infested rhizomes with water & shade
BANGL	ADESH		dry before storage.
Pineapple STATE GIS LAI (MEGHALAYA 90'0'0'E		SCALE 1: 1,350,000 0 60 90 91*30*0**E	 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. (a) Canning purpose: Slight colour change at the base of developing fruit. (b) Canning purpose: Develops satisfactory uniform golden yellow colour (c) Table purpose: Develops satisfactory uniform golden yellow colour (c) About 25% of the eyes at the base are are becoming flat. (c) 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 frui use bird netting or use traditional methods of bird





				control.
Guava				• Do mulching by covering the tree basin with dry
				straws or black polycthylene sheet or with organic
				materials.
Animal S	Sciences			
		Birds from direct exposure		
	Check for build up	p of insect nests in animal	houses & if required c	
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. Keep the poultry house well ventilated during day time.
		C & RD B	LOCK MAP OF MEGH	AProvide vitamin B complex @ 7ml/litre in
	90°0'0''E	90°30'0''E 91°0'0''	E 91°30'0''E	drinking water daily in broiler for healthy growth.
50'0''N-				 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.
	As	SAM	Coccidiosis	 Provide plenty of fresh and clean drinking water.
6°0'0''N-	5	~~	(Symptoms:	 Provide pienty of nesh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65
	Mar Star	1 Dann	blood/mucus in	mg/kg feed once a day as a preventive measure
	5 5/ 7	REMORELIMANA KONAUKUTUA	feaces)	against coccidiosis.
		EAST GRRO HILLS	Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota
	Saran 2 2	SUNCEAN RONGENG	MARANG	vaccine (1 drop) at the age of 4-7 days old and 35
	Rongha		/ / 7	days old through eye and nostril.
Piggery	BETASHIG	All stages	MONGSTON MUNTHABRABHAN	• Vaccinate all newly born piglets against swine
	CAMILE GAMILE GAR	WEST KA	ASIHILLS	fever at the age of 3 months followed by annual
	THEFT STATE	GHOKROT CACHIMARA	MARTINE EAST	booster dose.
	Contraction of the second seco	TOTATH GARO HILLS HORONA	KANKOR	• In endemic areas, vaccinate 6 months old pigs
	T	Comment of the second s	man 1	with FMD vaccine once in a year.
€°0'0''N−	BANGLA	DESH	Deworming	 Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 m 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
	STATE GIS LAB	0 15 3	(Scabies)	body wt.
Cattle &	Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with
°30°0"N ⊷L	90°0'0''E	90°30'0''E 91°0'0''E	91°30'0''E	Brucella abortus cotton strain-19 @ 5m subcutaneous on the neck
			Foot & Mouth	• Undertake regular immunization of cattle &
			Disease,	buffaloes against Foot & Mouth disease
			HaemorrhagicSepti	Haemorrhagic septicaemia & Black Quarter.
			caemia, Black Quarter	• To prevent FMD spread spray 4% sodium carbonate solution (400 gm Na ₂ Co ₃ in 10 litres of water) or lime/ bleaching powder should be spread every day atleast once around the farm
			Deworming	 premise & at the entry/exit atleast for 10 days. Deworm your cattle & buffaloes by albendazole @ 5-10 mg/kg body weight once and repeat afte 21 days. Do not give to pregnant & new born animals.

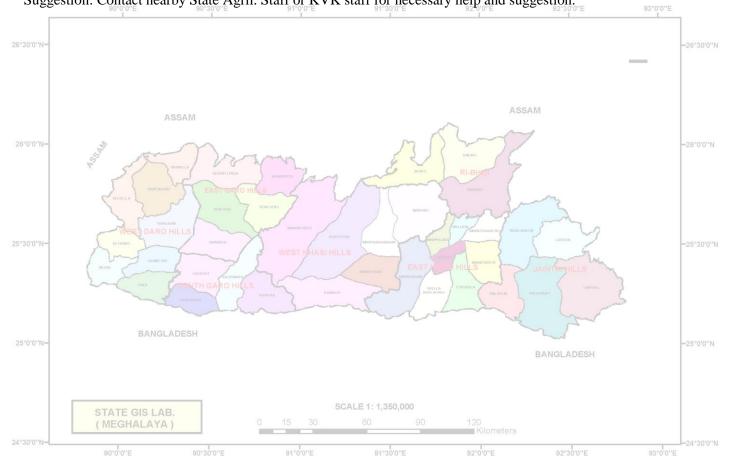




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		• Vitamin and mixed supplements.
Fishery		
• Mai	ntain proper dyke.	
Common Carp	Brooders	Pond preparation:
(All varieties; Amur,	(Breeding season)	Maintain the water pH above 7 by liming properly.
Local common carp and		Maintain the water quality by proper manuring.
Koi carps)		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.
	C & PD F	

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





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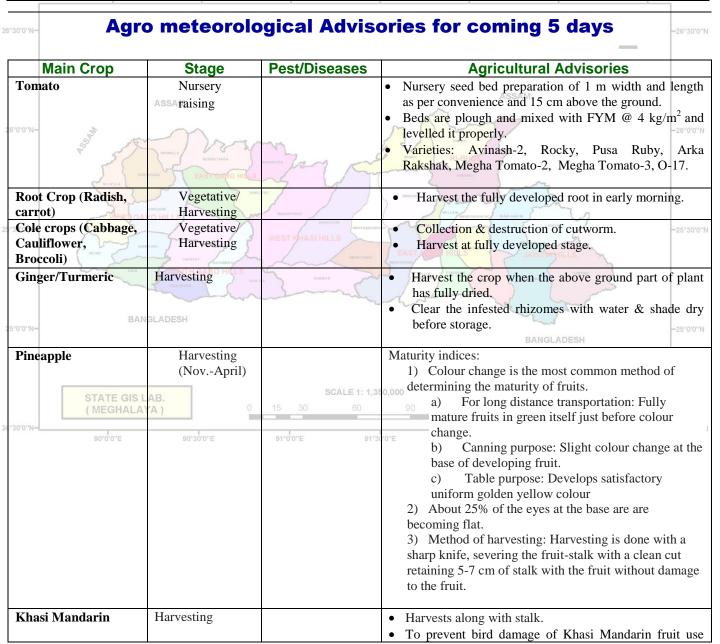
<u>Agro Advisory Bulletin – WEST JAINTIA HILLS</u> (Period 4th – 8th January, 2020)

Weather forecast valid up to 8th January, 2020

The possibility of Rainfall is 8.0 mm for the next five days. Maximum Temp: 15-17°C, Minimum Temp: 7-10°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-6 Okta, Maximum RH: 93-99%, Minimum RH: 50-89%, Wind speed: 2-6 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

- > Apply straw mulch to conserve water.
- Protect young seedling from direct exposure to sunshine. OF MEGHALAYA
 - 90°0'0''E 90°30'0''E 91°0'0''E







			bird netting or use traditional methods of bird control.
Guava			• Do mulching by covering the tree basin with dry straws
			or black polycthylene sheet or with organic materials.
Animal Sciences			<u> </u>
	ls/Birds from direct ex d up of insect nests in a		
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. Keep the poultry house well ventilated during day time. Provide vitamin B complex @ 7ml/litre in drinking
00000117			water daily in broiler for healthy growth. • • • • • • • • • • • • • • • • • • •
90°0'0''E 28°30'0''N-	90°30'0''E	91°0'0"E 91°3	 Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for
	ASSAM	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.
26°0'0''N-	THE REAL PROPERTY OF THE REAL	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 HMS OF	WEST INHA SI HILLS	 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.
35°0'0''N-	NGLADESH	Skin infection (Scabies)	 Provide Ivermectin (Injection) @ 10mg/33kg body wt, BANGLADESH
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
24"30'0"N- 90"0'0"E		Foot & Mouth Disease, HaemorrhagicSepti caemia, 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/ bleaching powder should be spread every day
		Deworming	 atleast once around the farm premise & at the 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			
• N	Iaintain proper dyke.		

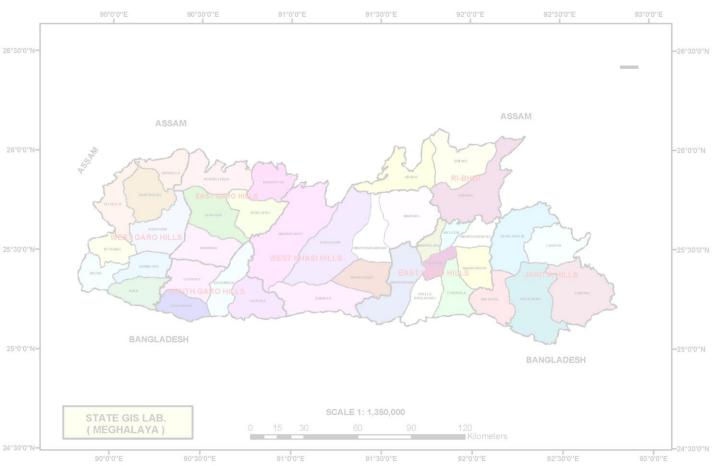




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Common Carp	Brooders	Pond preparation:
(All varieties; Amur,	(Breeding season)	Maintain the water pH above 7 by liming properly.
Local common carp		Maintain the water quality by proper manuring.
and Koi carps)		Maintain 1-1.5m water depth in the culture ponds.
_		Brood stock Management
		Select mature and big parent stock for breeding activity.
		Feeding Management
		High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
		provided to the brooders.

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'2020/79

Dated: 03/01/2020

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

Weather forecast valid up to 8th January,2020

The possibility of Rainfall is 13.0 mm for the next five days. Maximum Temp: 13-15°C, Minimum Temp: 5-9°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-7 Okta, Maximum RH: 88-99%, Minimum RH: 44-85%, Wind speed: 4-5 Kmph, Wind direction: Southeast-South.

General Advisories:

- Apply straw mulch to conserve water.
- Protect young seedling from direct exposure to sunshine.OF MEGHALAYA

"30'0"N- Agro	meteorologi	cal Advisor	ies for coming 5 days
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.
REDO'O''N-	TRABLA REMELORA ALARDETA	2mgt	 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.
Root Crop (Radish, carrot) Cole crops (Cabbage, Cauliflower, Broccoli)	Vegetative/ Harvesting Vegetative/ Harvesting	T INHASI HILLS	 Harvest the fully developed root in early morning. Collection & destruction of cutworm. Harvest at fully developed stage.
Ginger/Turmeric BANG	Harvesting		 Harvest the crop when the above ground part of plant has fully dried. Clear the infested rhizomes with water & shade dry before storage.
Pineapple STATE GIS LA (MEGHALAY)		SCALE 1: 1,350,000	Maturity indices: 1) Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully
90°0°°E	90°30'0''E 91'	0'0"E 91*30'0"E	 a) For long distance transportation. Furry mature 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 N	Mandarin	Harvesting		• Harvests along with stalk.
		8		 To prevent bird damage of Khasi Mandarin fruit use
				bird netting or use traditional methods of bird
				control.
Guava				• Do mulching by covering the tree basin with dry
				straws or black polycthylene sheet or with organic
				materials.
Anima	Sciences		. 11 .1 0	• 1
•		s/Birds from direct expose l up of insect nests in anim		
Poultry		All stages	inal nouses & il lequile	 Provide artificial heating to poultry birds (day old
I outer y		nii suges		to 25 days old) through lightning of electric bulb
				to protect them from low temperature during night
		C & R	D BLOCK MAP OF ME	
	90°0'0''E	90°30'0''E 9		• Keep the poultry house well ventilated during day
	1		1	time.
26°30'0''N-				• Provide vitamin B complex @ 7ml/litre in
20.000.14				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
		ASSAM		removed.
26°0'0''N	111	~	5	• Regularly inspect the dropings of the poultry birds
	ASS-ANN	- Warn	5 4	for any diseases symptom.
	55	NERVICE LIVERA RELATER	Coccidiosis	• Provide plenty of fresh and clean drinking water.
	SELSELLA COMPANY	EASTOR OHILLS	(Symptoms:	• Provide coccidiostatic like Amprolium @ 25-65
	2 3-	SONGSAN TRONGRING	blood/mucus in	mg/kg feed once a day as a preventive measure
		D HILLS	feaces)	against coccidiosis.
25°30'0''N-	NETASING 2	SANAHRA S WES	Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota
	TIKZAR CAME			vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	V Cokin	All stages		• Vaccinate all newly born piglets against swine
1 19801)		CENTRANCIA	RARKOR	fever at the age of 3 months followed by annual
			- march	booster dose.
25°0'0''N-	BANG	LADESH		• In endemic areas, vaccinate 6 months old pigs with
250014-				FMD vaccine once in a year.
			Demos	• Iron supplementation in piglet to prevent from
			Deworming	piglet anaemia during 1^{st} week of age (0.5-1 ml $M(SC)$
	STATE GIS LA	B	SCALE 1: 1,350,000	IM/SC) repeat after 14 days.
	(MEGHALAY		30 60	• Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
24°30'0''N-	1		Skin infection	 Provide Ivermectin (Injection) @ 10mg/33kg body
	90°0'0''E	90°30'0''E 91	(Scabies)	wt.
Cattle	& Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with
				Brucella abortus cotton strain-19 @ 5ml
				subcutaneous on the neck
			Foot & Mouth	• Undertake regular immunization of cattle &
			Disease,	buffaloes against Foot & Mouth disease,
			HaemorrhagicSepti	Haemorrhagic septicaemia & Black Quarter.
			caemia, Black Quarter	• To prevent FMD spread spray 4% sodium
			Quartor	carbonate solution (400 gm Na ₂ Co ₃ in 10 litres of water) or lime/ bleaching powder should be spread
				every day atleast once around the farm premise &
				at the entry/exit atleast for 10 days.
			Deworming	• Deworm your cattle & buffaloes by albendazole @



STATE GIS LAB.

(MEGHALAYA)

GRAMIN KRISHI MAUSAM SEWA ICAR Research Complex for NEH Region Umroi Road, Umiam – 793 103 Meghalaya



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Fishery		 5-10 mg/kg body weight once and repeat afte days. Do not give to pregnant & new b animals. Vitamin and mixed supplements.
		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 provided to the brooders.
Suggestion: Contact n	nearby State Agril. Staff	r KVK staff for necessary help and suggestion.
D'O''N-		ASSAM -26°
MENERA A	ASSAM	-26"

SCALE 1: 1,350,000

91°30'0''E

91°0'0''E

120 Kilometers



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RC (AE)/30/2011/ Bulletin/January'2020/79

Dated: 03/01/2020

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

(Period 4th – 8th January, 2020)

Weather forecast valid up to 8th January, 2020.

The possibility of Rainfall is 6.0mm 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: 84-97%, Minimum RH: 52-73%, Wind speed: 2-5 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

- > Apply straw mulch to conserve water.
- > Protect young seedling from direct exposure to sunshine.

A	gro meteor	ological Advis	sories for coming 5 days source
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, Megha Tomato-2, Megha Tomato-3, O-17.
Root Crop (Radish, carrot) Cole crops	Vegetative/ Harvesting Vegetative/	and a company of	 Harvest the fully developed root in early morning. Collection & destruction of cutworm.
(Cabbage, Cauliflower, Broccoli)	Harvesting	C HIME S	Harvest at fully developed stage.
Ginger/Turmeric	Harvesting CARE OF CARE OF	WEST KHASI HILLS	 Harvest the crop when the above ground part of plant has fully dried. Clear the infested rhizomes with water & shade dry before storage.
	Harvesting (NovApril) E GIS LAB. GHALAYA)	SCALE 1: 0 15 30 60 91*0'0''E	 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. (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) Table purpose: Develops satisfactory uniform golden yellow colour (c) About 25% of the eyes at the base are are becoming flat. (c) 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.



GRAMIN KRISHI MAUSAM SEWA ICAR Research Complex for NEH Region



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Guava		• Do mulching by covering the tree basin with dry straws or black polycthylene sheet or with organic materials.
Animal Sciences		
	from direct exposure to cold weath	per & wind
	insect nests in animal houses & if re	
*	ll 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. Keep the poultry house well ventilated during day time.
90 ¹ 0''0''E	C & RD BLOCK 90°30'0''E 91°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.
26°30'0''N-		 Diseased and dead birds should be immediately 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.
26'0'0'N-	Ranikhet disease	drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery		 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°30'0''N-	HILLS	 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
	CONTRACT ROAD	once and repeat after 21 days.
0//010101	ADESH (Scabies)	• Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes 6-9 m	onths calves Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
STATE GIS LA (MEGHALAYA		To prevent FMD spread spray 4% sodium carbonate
24 30 0 N-	90°30'0''E 91°0 ¹ 0''E	solution (400 gm Na ₂ Co ₃ in 10 litres of water) or lime/ bleaching powder should be spread every day atleast once around the farm premise & at the entry/exit atleast for 10
Ti ala auto	Deworming	 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 • Maintain	proper dyke.	
Common Carp Broode		Pond preparation:
F	ng season)	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.

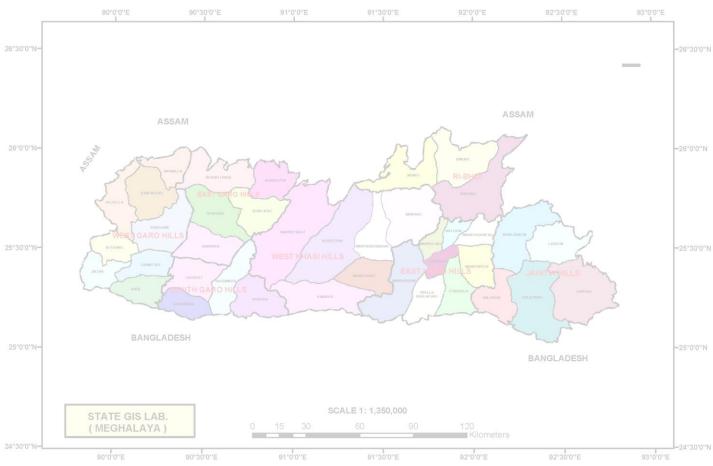




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Koi carps)		Brood stock Management Select mature and big parent stock for breeding activity. Feeding Management High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be provided to the brooders
		to the brooders.

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'2020/79

Dated: 03/01/2020

93°0'0''E

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

Weather forecast valid up to 8th January, 2020

The possibility of Rainfall is 11.0mm for the next five days. Maximum Temp: 14-18°C, Minimum Temp: 9-12°C, Cloud cover: sky will be mainly clear to mainly cloudy i.e. 1-6 Okta, Maximum RH: 89-99%, Minimum RH: 53-87%, Wind speed: 4-8 Kmph, Wind direction: Northeast-South.

92°0'0''E

92°30'0''E

General Advisories:

- Apply straw mulch to conserve water.
- 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 **Pest/Diseases Agricultural Advisories** Main Crop 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/m² and levelled it properly. Varieties: Avinash-2, Rocky, Pusa Ruby, Arka Rakshak, Megha Tomato-2, Megha Tomato-3, O-17. Vegetative/ Root Crop Harvest the fully developed root in early morning. (Radish, carrot) Harvesting Cole crops Vegetative/ Collection & destruction of cutworm. (Cabbage, Harvesting Harvest at fully developed stage. Cauliflower. **Broccoli**) **Ginger/Turmeric** Harvest the crop when the above ground part of plant has fully Harvesting dried. BANGLADESH Clear the infested rhizomes with water & shade dry before BANGLADESH storage. Pineapple Harvesting Maturity indices: LE1: 1) Colour change is the most common method of determining (Nov.-April) ATE GIS LAI 60 the maturity of fruits. EGHALAYA) For long distance transportation: Fully mature fruits a) ^{91*30'0} in green itself just before colour change. Canning purpose: Slight colour change at the base of b) developing fruit. Table purpose: Develops satisfactory uniform c) 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. Do mulching by covering the tree basin with dry straws or Guava •





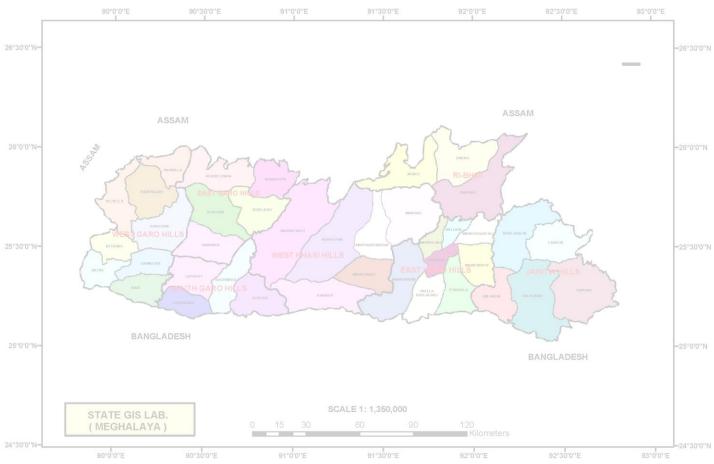
			black polycthylene sheet or with organic materials.
Animal Sciences			
Protect An	nimals/Birds from direct	t exposure to cold weath	ner & wind.
	build up of insect nests		
Poultry	All stages	C & RD BLOCK	 Provide artificial heating to poultry birds (day old to 25 days old) through lightning of electric 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. Diseased and dead birds should be immediately removed. MOP Regularly inspect the dropings of the poultry birds for any diseases symptom.
		Coccidiosis	• Provide plenty of fresh and clean drinking water.
26°30'0''N ~		(Symptoms: blood/mucus in feaces)	• 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.
24*30'0''N-	All stages	Skin infection (Scabies) Foot & Mouth Disease, HaemorrhagicSeptic aemia, Black Quarter Sca Deworming 911001E	 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. Vaccinate 6-9 months old Heifer (Female) with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck 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/ bleaching powder should be spread every day atleast once around the farm premise & at the entry/exit atleast for 10 days. Deworm your cattle & buffaloes by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days. Vitamin and mixed supplements.
Fishery			
•	Maintain proper dyk	e	
Common Carp (All varieties; Amur, Local common carp and Koi carps)	Brooders (Breeding season)		 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.





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

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



C & RD BLOCK MAP OF MEGHALAYA





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

RC (AE)/30/2011/ Bulletin/January'2020/79

Dated: 03/01/2020

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

Weather forecast valid up to 8th January, 2020

The possibility of Rainfall is 17.0 mm for the next five days. Maximum Temp: 13-17°C, Minimum Temp: 4-8°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-6 Okta, Maximum RH: 84-99%, Minimum RH: 50-87%, Wind speed: 2-4 Kmph, Wind direction: Northeast-North.

General Advisories:

> Apply straw mulch to conserve water.

> 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
26°0'0"N-	Nursery raising ASSAM	and the second	 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.
Root Crop (Radish, carrot)	HILLS Vegetative/ Harvesting Vegetative/		 Harvest the fully developed root in early morning. Collection & destruction of cutworm.
Cauliflower, Broccoli)	Harvesting	HAIRS OR HEALA	• Harvest at fully developed stage.
Ginger/Turmeric 25'0'0'N-BANG	Harvesting	south of the second sec	 Harvest the crop when the above ground part of plant has fully dried. Clear the infested rhizomes with water & shade dry before storage.
Pineapple STATE GIS LA (MEGHALAY 90°0'0"E	a) 90"30"0"E	SCALE 1: 1,350,000 5 30 60 90 91*0'0"E 91*30'0"E	 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. Table purpose: Develops satisfactory uniform golden yellow colour About 25% of the eyes at the base are 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 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.
Guava			• Do mulching by covering the tree basin with dry straws or black polycthylene sheet or with organic materials.
Animal Sciences			
	lls/Birds from direct exposure ld up of insect nests in animal	to cold weather & wind. houses & if required clean the	same.
Poultry	All stages	RD BLOCK MAP OF MEGHA	 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. MAKEEP the poultry house well ventilated during day
90°0	00"E 90°30'0"E	91°0'0''E 91°30'0''E	• Provide vitamin B complex @ 7ml/litre in
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.
26°0'0''N=	ASSAM	n s	 Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom.
· · · · ·	TRANSLA RESUBELIARA ANA	Coccidiosis	• ^R Provide plenty of fresh and clean drinking water.
2	PARENDER EAST GRO HILLS	(Symptoms: blood/mucus	• Provide coccidiostatic like Amprolium @ 25-65
	BORGAN BORGAN	in feaces)	mg/kg feed once a day as a preventive measure against coccidiosis.
25°30'0"N-		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	EASTER DECASA	• Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.
25°0'0''N-	BANGLADESH		 In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. Iron supplementation in piglet to prevent from
		Deworming SCALE 1: 1,350,000	piglet anaemia during 1 st week of age (0.5-1 ml IM/SC) repeat after 14 days.
	E GIS LAB. GHALAYA) 0	15 30 60 90	• Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
24°30'0''N-		Skin infection	 Provide Ivermectin (Injection) @ 10mg/33kg
90°0'0	90°30́'0''E	(Scabies)	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, HaemorrhagicSepticaemia, Black Quarter Deworming	 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/ bleaching powder should be spread every day atleast once around the farm
			 premise & at the entry/exit atleast for 10 days. Deworm your cattle & buffaloes by albendazole



STATE GIS LAB.

(MEGHALAYA)

GRAMIN KRISHI MAUSAM SEWA ICAR Research Complex for NEH Region Umroi Road, Umiam – 793 103 Meghalaya



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

Fishery			 @ 5-10 mg/kg body weight once 21 days. Do not give to pregna animals. Vitamin and mixed supplements. 	
•	Maintair	n proper dyke.		
		Brooders (Breeding season)	Pond preparation: Maintain the water pH above 7 by lim Maintain the water quality by proper m Maintain 1-1.5m water depth in the cu Brood stock Management Select mature and big parent stock for activity. Feeding Management	nanuring. lture ponds.
	0000000		High protein feeds <i>i.e.</i> (35 to 40%) pro	otein feeds to be
	90°0'0''E	90°30'0''E	provided to the brooders.	0'0''E
		ASSAM	ASSAM	
26°0'0''N	ASSAULT COLORIDA CONTROL		RI-BLATT BARK BURKE	28*0'0''N
25°30'0''N-	In Losse Jackar Jackar Jackar		NEWSCETTORY HEATTINGTOCHER BILL PROVINTINGER BIL	=25°30'0"N
	BANG	LADESH	mucholine for	

SCALE 1: 1,350,000

91°30'0''E

91°0'0''E

120 Kilometers





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RC (AE)/30/2011/ Bulletin/January'2020/79

Dated: 03/01/2020

Agro Advisory Bulletin – NORTH GARO HILLS (Period 4th – 8th January, 2020)

Weather forecast valid up to 8th January, 2020

The possibility of Rainfall is 2.0 mm for the next five days. Maximum Temp: 17-21° C, Minimum Temp: 9-11° C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-6 Okta, Maximum RH: 79-97%, Minimum RH: 50-70%, Wind speed: 3-8 Kmph, Wind direction: Northeast-South.

General Advisories:

> Apply straw mulch to conserve water.

> 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 26000 N- Root Crop (Radish, carrot) Cole crops (Cabbage, Cauliflower, Broccoli) Ginger/Turmeric	Nursery raising ASSAM Vegetative/ Harvesting Vegetative/ Harvesting Harvesting	NORMANIA TA BONC A MO MANNATARIA ST SECT 1 M THO GT THELL O HANNE TO YOU ACCOUNT AND A DATA OF A DATA OF A DATA ADDRESS TO A DATA OF A DATA OF A DATA ADDRESS TO A DATA OF A DATA OF A DATA OF A DATA ADDRESS TO A DATA OF A DATA OF A DATA OF A DATA ADDRESS TO A DATA OF A DATA OF A DATA OF A DATA OF A DATA ADDRESS TO A DATA OF A DATA OF A DATA OF A DATA OF A DATA ADDRESS TO A DATA OF A DATA ADDRESS TO A DATA OF A DATA ADDRESS TO A DATA OF A DATA	 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. Harvest the fully developed root in early morning. Collection & destruction of cutworm. Harvest at fully developed stage. 25'30'N Harvest the crop when the above ground part of plant has fully dried. Clear the infested rhizomes with water & shade dry before storage.
	BANGHarvesting (NovApril) GIS LAB. ALAYA)	SCALE 1: 1,35 0 15 30 60 91*0'0"E 91*30	b) Canning purpose: Slight colour change at the base of developing 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.
Guava			 Do mulching by covering the tree basin with dry straws or black polycthylene sheet or with organic materials.





Animal Sciences			
		osure to cold weather & w	
		nimal houses & if required	
Poultry	All stages	C & RD BLOCK MAP OF	
90°0'0	'E 90°30'0''E	91°0'0''E 91°30	any diseases symptom.
26°30'0''N-		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.
	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.
Piggery	All stages		• Vaccinate all newly born piglets against swine fever at
26'0'0''N-		2 Jan ma	 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
25°30'0"N-	ENGRAME GARO HILLS	Deworming	 If on 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
BOAR ST		Skin infection	 Dewonn pigs by abendazore @ 5-10 mg/kg body weight once and repeat after 21 days. Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cottle & Duffeleer	6.0 months coluce	(Scabies)	Vaccineta 6.0
Cattle & Buffaloes	6-9 months calves BANGLADESH	Brucellosis	• Vaccinate 6-9 months old Heifer (Female) with Brucella abortus 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.
	GIS LAB. ALAYA)	SCALE 1: 1,35 0 15 30 60	solution (400 gm Na ₂ Co ₃ in 10 litres of water) or lime/ bleaching powder should be spread every day atleast
24°30'0'N⊶L90°0'0'' 90°0'0''	90°30°0''E	-Deworming 91°30	 once around the farm premise & at the 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	·	·	· · · · · · · · · · · · · · · · · · ·
	aintain proper dyke.		
Common Carp (All varieties; Amur, Local common carp and Koi carps)	Brooders (Breeding season)		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.

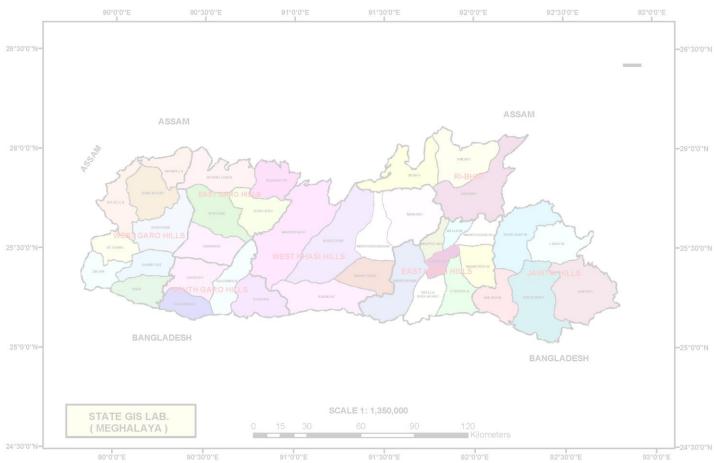




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	Feeding Management High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be provided to the brooders.

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



C & RD BLOCK MAP OF MEGHALAYA





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

RC (AE)/30/2011/ Bulletin/January'2020/79

Dated: 03/01/2020

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

Weather summary of the past four days	Weather forecast valid up to 8 th January, 2020.		
Sky was mainly cloudy with 12.7 mm of rainfall. Maximum temperatures ranged between 19.3-22.0°C and minimum ranged between 5.5-9.2°C. Mean relative humidity was 69-96% in morning and 34-66% in evening. Wind speed ranged between 3-6 kmph.	The possibility of Rainfall is 14.0 mm for the next five days. Maximum Temp: 17-20°C, Minimum Temp: 6-9°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-6 Okta, Maximum RH: 88- 98%, Minimum RH: 46-80%, Wind speed: 3-5 Kmph, Wind direction: Northeast-South.		
General Advisories:	AP OF MEGHALAYA		
 Protect young seedling from direct exposure to sunshine. 	91°30'0''E 92°0'0''E 92°30'0''E 93°0'0''E		

Agro meteorological Advisories for coming 5 days

Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Tomato 26°0'0'N-	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.
Root Crop (Radish, carrot)	Harvesting	Maneary Man Store	• Harvest the fully developed root in early morning.
Cole crops (Cabbage, Cauliflower, Broccoli)	Vegetative/ Harvesting	WEST MASTHILLS	 Collection & destruction of cutworm. Harvest at fully developed stage.
Ginger/Turmeric	Harvesting	- I want	 Harvest the crop when the above ground part of plant has fully dried. Clear the infested rhizomes with water & shade dry before storage.
	Harvesting (Nov April) GIS LAB. ALAYA)	SCALE 1: 15 30 60 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 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		 Harvests along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.





Guava			• Do mulching by covering the tree basin with dry straws or black polycthylene sheet or with organic materials.
Animal Sciences			
	s/Birds from direct exposu up of insect nests in anim		
Poultry	All stages	& RD BLOCK MAP	 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
90°0'0'	E 90''30'0''E	91°0'0"E I	 Diseased and dead birds should be immediately 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.
26°0'0''N-	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.
Piggery	All stages	11.00ETTA	 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.
25°30'0"N-	CAME CRE CALLE CAL	Deworming	 Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
		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</i> <i>abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
STATE (MEGH	GIS LAB. ALAYA)	Foot & Mouth Disease, HaemorrhagicSe pticaemia, 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/
24°30'0''N- 90°0'0''E	90°30'0''E	91°0'0''E	bleaching powder should be spread every day atleast once around the farm premise & at the entry/exit atleast for 10 days.
		Deworming	 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			
	aintain proper dyke.		
Common Carp (All varieties; Amur, Local common carp and Koi carps)	Brooders (Breeding season)		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.

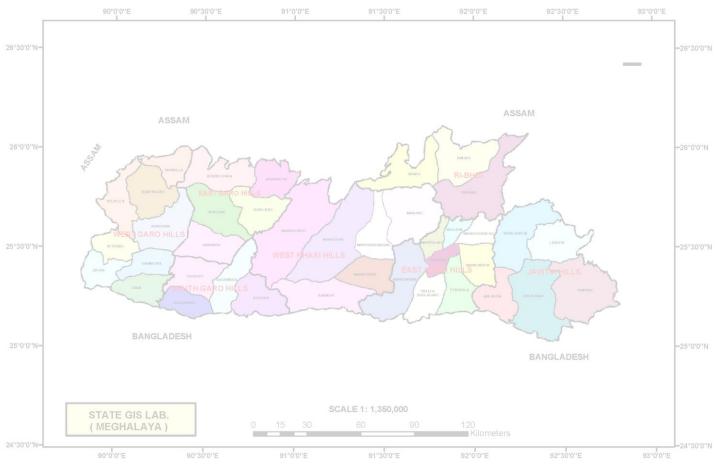




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Brood stock ManagementSelect mature and big parent stock for breeding activity.Feeding ManagementHigh protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be provided to the brooders.

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'2020/79

Dated: 03/01/2020

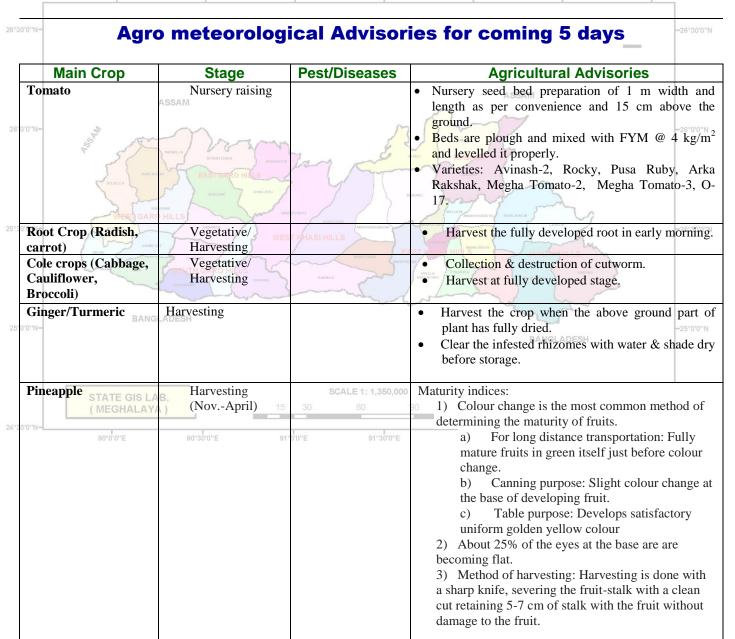
<u>Agro Advisory Bulletin – SOUTH GARO HILLS</u> (Period 4th – 8th January, 2020)

Weather forecast valid up to 8th January, 2020

The possibility of Rainfall is 4.0mm for the next five days. Maximum Temp: 17-20°C, Minimum Temp: 7-11°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-6 Okta, Maximum RH: 79-97%, Minimum RH: 38-79%, Wind speed: 2-4 Kmph, Wind direction: Northeast-South.

General Advisories:

- > Apply straw mulch to conserve water.
- 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





GRAMIN KRISHI MAUSAM SEWA ICAR Research Complex for NEH Region



Umroi Road, Umiam – 793 103 Meghalaya 2: Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: <u>iaasbarapani@yahoo.in</u>

Khasi N	Iandarin	Harvesting		• Harvests along with stalk.
Ixitasi iv	lanuarm	That vesting		 To prevent bird damage of Khasi Mandarin fruit us
				bird netting or use traditional methods of bir
				control.
Guava				• Do mulching by covering the tree basin with dr
				straws or black polycthylene sheet or with organ
				materials.
Animal	Sciences			
•		s/Birds from direct expos		
•		up of insect nests in anim	nal houses & if require	
Poultry		All stages		• Provide artificial heating to poultry birds (day of
				to 25 days old) through lightning of electric bul
				to protect them from low temperature during night
		C & RI	BLOCK MAP OF ME	GHA time.
	90°0'0''E	90°30'0''E 91	0'0"E 91°30'0"E	 Keep the poultry house well ventilated during datime.
				 Provide vitamin B complex @ 7ml/litre in drinkin
26°30'0''N-				water daily in broiler for healthy growth.
				 Litter should be change periodically and provid
				clean drinking water and change the water even
				day.
		ASSAM		• Diseased and dead birds should be immediated
				removed.
26'0'0''N-	Any	<u></u>	M	• Regularly inspect the dropings of the poultry bird
	MR 32	Internal Vorter	6 2	for any diseases symptom.
	F F	NERWALLINGA KURAROTTA	Coccidiosis	• Provide plenty of fresh and clean drinking water.
	SELSELLA COADENIE	EASTGRRO HILLS	(Symptoms:	• Provide coccidiostatic like Amprolium @ 25-6
	2 de	SONGSAN RONGENG	blood/mucus in	mg/kg feed once a day as a preventive measure
	WEST GAR	HILLS	feaces)	against coccidiosis.
25°30'0''N-	METASING 2	SAMANGA S WES	Ranikhet disease	• Vaccinate the poultry birds with F1/ Laso
	CAMPLE OF CAMPLE OF		maxima El	vaccine (1 drop) at the age of 4-7 days old and 3 days old through eye and nostril.
Piggery	La Contra	All stages		• Vaccinate all newly born piglets against swir
	-	CEMANNA	RABBOR	fever at the age of 3 months followed by annu-
			m h	booster dose.
0.50010101	BANG	ADESH		• In endemic areas, vaccinate 6 months old pigs with
25'0'0''N-				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
			SCALE 1: 1,350,000	IM/SC) repeat after 14 days.
	STATE GIS LA (MEGHALAYA	B. 0 15	30 60	• Deworm pigs by albendazole @ 5-10 mg/kg bod
24°30'0''N-	Commentation of the state of th	,		weight once and repeat after 21 days.
	90°0'0''E	90°30'0''E 91°	Skin infection	 Provide Ivermectin (Injection) @ 10mg/33kg bod
Cattle	k Buffaloes	6-9 months calves	(Scabies) Brucellosis	wt.
Cattle d	x Dunaioes	0-9 months carves	DIUCEIIOSIS	Vaccinate 6-9 months old Heifer (Female) with Brucella abortus cotton strain-19 @ 5m
				subcutaneous on the neck
			Foot & Mouth	• Undertake regular immunization of cattle
			Disease,	buffaloes against Foot & Mouth diseas
			HaemorrhagicSepti	Haemorrhagic septicaemia & Black Quarter.
			caemia, Black	• To prevent FMD spread spray 4% sodium
			Quarter	carbonate solution (400 gm Na ₂ Co ₃ in 10 litres of
				water) or lime/ bleaching powder should be sprea
				every day atleast once around the farm premise
			Domonia	at the entry/exit atleast for 10 days.
			Deworming	• Deworm your cattle & buffaloes by albendazole (

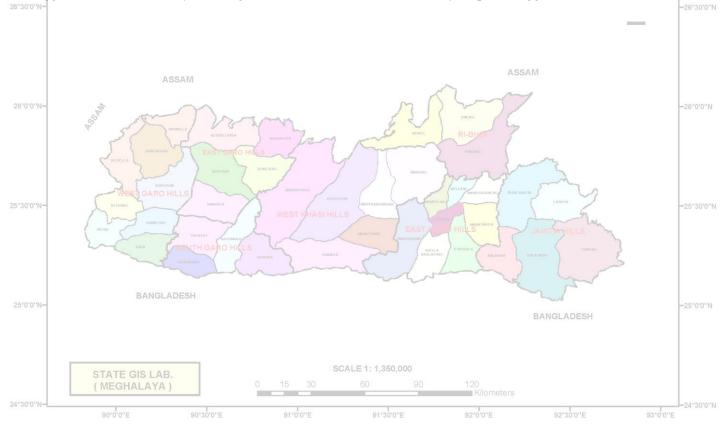




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			5-10 mg/kg body weight once and repeat after 21 days. Do not give to pregnant & new born animals.Vitamin and mixed supplements.
Fishery	·		
• M	aintain proper dyke.		
Common Carp (All varieties; Amur, Local common carp and Koi carps)	Brooders (Breeding season)		 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
90°0'0''E	C & RI	0 BLOCK MAP OF ME	High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be provided to the brooders.

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





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RC (AE)/30/2011/ Bulletin/January'2020/79

Dated: 03/01/2020

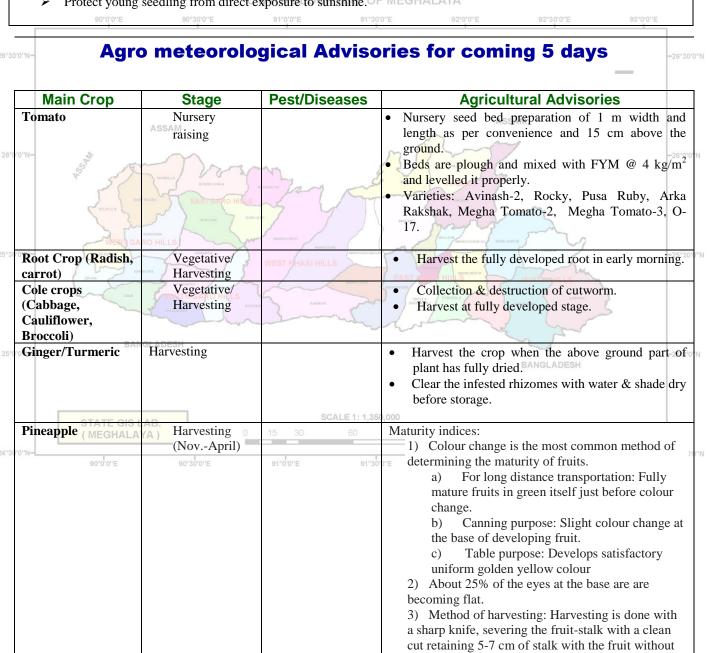
Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 4th – 8th January, 2020)

Weather forecast valid up to 8th January, 2020

The possibility of Rainfall is 5.0mm for the next five days. Maximum Temp: 19-22°C, Minimum Temp: 8-12°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-6 Okta, Maximum RH: 80-98%, Minimum RH: 47-79%, Wind speed: 2-5 Kmph, Wind direction: Northeast-West.

General Advisories:

- \geq Apply straw mulch to conserve water.
- Protect young seedling from direct exposure to sunshine. OF MEGHALAYA



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.
Guava			 Do mulching by covering the tree basin with dry straws or black polycthylene sheet or with organic materials.
Animal Sciences			inateriais.
	mals/Birds from direct e	exposure to cold weath	er & wind
	build up of insect nests in		
Poultry	All stages		 Provide artificial heating to poultry birds (day old to 25 days old) through lightning of electric bulb MEGto/protect them from low temperature during night
90°0'0''E	90°30'0''E	91°0'0"E 91°30	 time. 92''''E Keep the poultry house well ventilated during day time.
6°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
	ASSAM		 clean drinking water and change the water every day. Diseased and dead birds should be immediately
2610'0'N-	TRAVELA RESIDECT AND	man a	 removed. Regularly inspect the dropings of the poultry birds for any diseases symptom.
WINTER S	RECORD	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.
9°30'0''N-	Control	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 B.	All stages	-2	• 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 FMD vaccine once in a year. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml)
STATE GIS (MEGHAL	AYA)	SCALE 1: 1,350 15 30 60	 IM/SC) repeat after 14 days. Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
90°0'0"E	90°30'0''E	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, HaemorrhagicSepti caemia, 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/ bleaching powder should be spread
			every day atleast once around the farm premise & at the entry/exit atleast for 10 days.

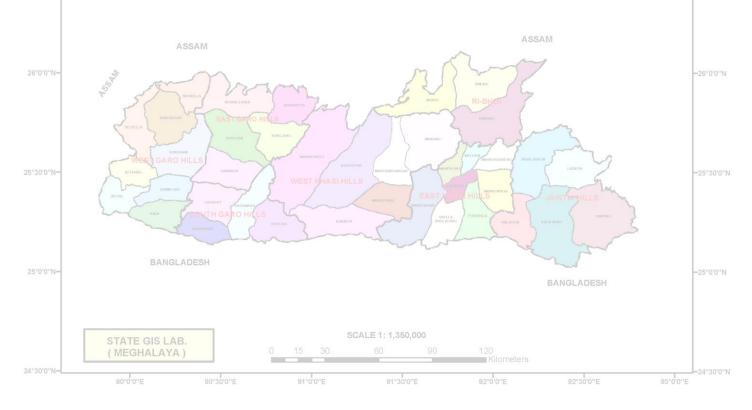




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Fishery		Deworming	 Deworm your cattle & buffaloes by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days. Do not give to pregnant & new born animals Vitamin and mixed supplements.
V	Maintain proper dyke.		
		Γ	
Common Carp	Brooders		Pond preparation:
(All varieties;	(Breeding season)		Maintain the water pH above 7 by liming properly.
Amur, Local	, Ç		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
	C	& RD BLOCK MAP OF	activity. Feeding Management
90°0'0''E	90°30'0''E	91°0'0"E 91°30	High protein feeds <i>i.e.</i> (35 to 40%) protein feeds to be
			provided to the brooders.
'0''N-			-20

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





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RC (AE)/30/2011/ Bulletin/January'2020/79

Dated: 03/01/2020

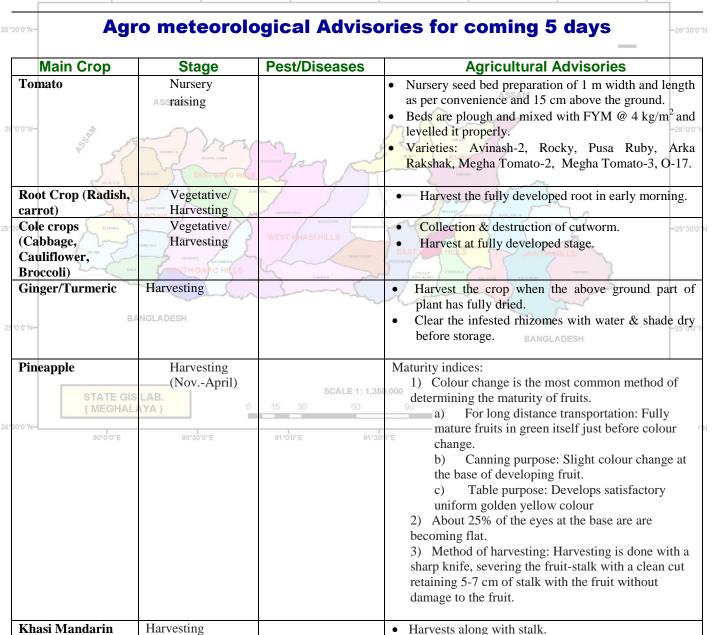
<u>Agro Advisory Bulletin – SOUTH WEST KHASI HILLS</u> (Period 4th – 8th January, 2020)

Weather forecast valid up to 8th January, 2020

The possibility of Rainfall is 6.0mm for the next five days. Maximum Temp: 18-19°C, Minimum Temp: 7-12°C, Cloud cover: sky will be clear to mainly cloudy i.e. 0-5 Okta, Maximum RH: 71-96%, Minimum RH: 37-70%, Wind speed: 3-6 Kmph, Wind direction: Northeast.

General Advisories:

- > Apply straw mulch to conserve water.
- Protect young seedling from direct exposure to sunshine.OF MEGHALAYA
 - 90°0'0''E 90°30'0''E 91°0'0''E 9







				• To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control.
Guava				• Do mulching by covering the tree basin with dry straws or black polycthylene sheet or with organic materials.
Animal	Sciences			
•			xposure to cold weather animal houses & if req	
Poultry		All stages	& RD BLOCK MAP OF	 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. E Keep the poultry house well ventilated during day
	004040117			time.
26"30'0"N-	90°0'0''E	90°30'0"E	91°0'0"E 91°30'	 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.
26°0'0''N=-	14	ASSAM		 Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom.
	Site and	5 WWW	Coccidiosis	• Provide plenty of fresh and clean drinking water.
	-55	NERVBELIVINA	(Symptoms:	• Provide coccidiostatic like Amprolium @ 25-65
	Carace 2	ARE RECEIL	blood/mucus in feaces)	mg/kg feed once a day as a preventive measure
	S of		Ranikhet disease	 against coccidiosis. Vaccinate the poultry birds with F1/ Lasota
25°30'0''N-	HTASHIG	ARO HILLS	MONGSTONE MONTHADRABILAN	• vaccinate the pointry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35
	mot	AMIFGIE	WEST KHASI HILLS	days old through eye and nostril.
Piggery	CONTAR COAL	All stages	ADDRESS ADDRES ADDRESS ADDRESS	• Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.
25°0'0''N-	BA	NGLADESH		 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.
ī	STATE GIS	LAB	SCALE 1: 1,350	• Deworm pigs by albendazole @ 5-10 mg/kg body
	(MEGHAL/		Skin infection	 weight once and repeat after 21 days. Provide Ivermectin (Injection) @ 10mg/33kg body
24°30'0''N-			(Scabies)	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	• Undertake regular immunization of cattle &
			Disease,	buffaloes against Foot & Mouth disease,
			HaemorrhagicSeptic aemia, Black	Haemorrhagic septicaemia & Black Quarter.
			Quarter	• To prevent FMD spread spray 4% sodium carbonate solution (400 gm Na ₂ Co ₃ in 10 litres of water) or lime/ bleaching powder should be spread every day
				atleast once around the farm premise & at the
			Deworming	entry/exit atleast for 10 days.Deworm your cattle & buffaloes by albendazole @
			_ • . • • • • • • • • • •	• Deworm your cattle & burlatoes by albendazole @ 5-10 mg/kg body weight once and repeat after 21





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		days. Do not give to pregnant & new born animals.Vitamin and mixed supplements.
Fishery		
•	Maintain proper dyke.	
Common Carp	Brooders	Pond preparation:
(All varieties;	(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)		Brood stock Management
1 /		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.
	0	MECHALAVA

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

