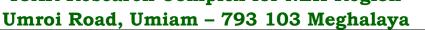


ICAR Research Complex for NEH Region





Dated: 13/03/2020

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

RC (AE)/30/2011/Bulletin/March'2020/99

<u>Agro Advisory Bulletin – EAST KHASI HILLS</u> (Period 14th - 18th March, 2020)

Weather forecast valid up to 18th March, 2020

There is possibility of 3.0 mm rainfall for the next five days. Maximum Temp: 22-23°C, Minimum Temp: 8-10°C, Cloud cover: sky will be mainly cloudy to cloudy i.e. 5-8 Okta, Maximum RH: 67-83%, Minimum RH: 44-62%, Wind speed: 4-7 Kmph, Wind direction: Northeast-Northwest.

General Advisories:

- > Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers.
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

26°30'0"N-	gro meteorol	ogical Advis	ories for coming 5 days
Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea	Pod filling/ Harvesting		 Severely infected plants should be removed from field and burn it. Harvest the fully developed pods in early morning.
Brinjal/Chilli	Nursery raising/ Transplanting MEDICAL STORY OF	Damping off OUNCEUM WEST ISHASI HILLS	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit.
STAT	TE GIS LAB.	SCALE 1:	90 120
Tomato/Capsicum	Transplanting 90°30′0″E	South America tomato leaf miner Damping off	 miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_N E_India.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening.
Mustard/ Rapeseed	Maturity/Harvesting		 Irrigate immediately after transplanting. Harvest the crop on sunny day by cutting at the base with sickle preferably in the morning hours. The harvested crop should be stacked in threshing floor for 5-6 days before threshing.



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



Regularly inspect the dropings of the poultry birds for

symptom(Blood

diseases

any

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

			After harvesting, seeds must be sun dried for 4-5 days.
Pineapple	Harvesting		Maturity indices:
	(NovApril)		1) Colour change is the most common method of
			determining the maturity of fruits.
			a) For long distance transportation: Fully mature
			fruits just before colour change.
			b) Canning purpose: Slight colour change at the
			base of fruit.
			c) Table purpose: Develops satisfactory uniform
			golden yellow colour
			2) About 25% of the eyes at the base are becoming flat.
			3) Method of harvesting: Harvesting is done with a
			sharp knife, severing the fruit-stalk with a clean cut
			retaining 5-7 cm of stalk without damage to the fruit.
	New plantation	C & RD BLOCK MAP C	Land preparation and layout in double row planting system.
Khasi Mandai		91°0'0"E 91°3	Harvest along with stalk.
ixiiasi wanaa	Tial vesting		To prevent bird damage of Khasi Mandarin fruit use bird
26°30'0"N-			netting or use traditional methods of bird control26"300"N
20 30 0 14	Nursery		
	runsery		Provide shade and protect the newly grafted plants from
	New plantation		rain.
	New plantation		Layout in square planting/terrace and pit digging.
	123AM		ASSAM
Gauva	Nursery		• Patch budding of improved cultivars on local rootstock.
26°0'0"N-	Mr.		• Apply FYM in tree basin (25 kg/tree).
	Es Ven	- Shade	E 2 / HOLHO
Strawberry	Fruiting stage	XHADRIITIA TOTAL	Removal of dry cell and diseased infected leaves and
	DADENGGE	HILLS	fruits.
	SONGSAN	7 RONGENG	• Harvest fruit at pink or ³ / ₄ colour stage. Pick berries with
	NONGRAM A		cap (calyx) along the stem 1-2 inches from calyx.
Animal Science	es West GARO HILLS	Monoston	MONTHURAN DE NAME AND LASKE IN LASKE IN LASKE IN
Check	for build up of insect nests in	animal houses & if require	d clean the same.
	ration of silage from available] / /	MANNYPREEW
	Covid 19) Advisory	is a second rough should be carr	SHILLA PYRUSLA EAPUNG
	The state of the s	MOHORA HAMMOR	BIOLAGARI URLEHURT
			toms, please consult a physician in nearby hospitals.
• Don't	get panic – Covid19 will not g	et transmitted through any	foods of animal origin (meat, milk, egg, etc.).
²⁵ 60'0''N Maint	ain hand and cough hygiene.		-25°0'0"N
			BANGLADESH
Poultry	All stages		Brooder management should be ensured by providing
•			heat source 2 watt/chicks electric bulb. 7-10 square
	CTATE CIC LAD	SCALE 1: 1,3	inches space/chicks.
	STATE GIS LAB. (MEGHALAYA)	0 15 30 60	Maintain hygiene and sanitation in poultry shed.
24°30'0"N-	(MESTALATA)		Cover the shed with sack or plastic sheets at night time.
24°30'0"N=L	90°0'0"E 90°30'0"E	91°0'0"E 91°	
			• Ensure proper ventuation during day time.
		i	• Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
			Avoid dampening of litter material and keep them dry.
			 Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches
			 Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches
			Avoid dampening of litter material and keep them dry.
			 Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking.
			 Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water
			 Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day.
			 Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water



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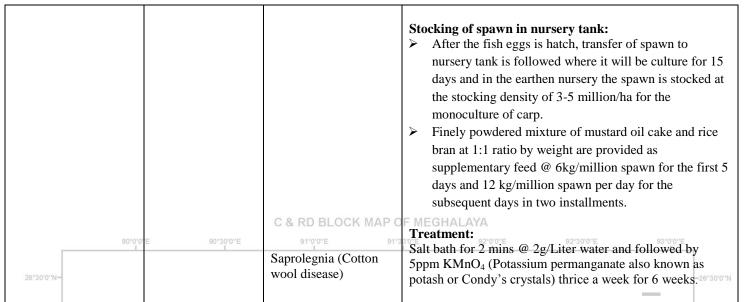
			discharge/Pus/Diarrhoea/Watery).
			• Vaccinate against newcastle disease or ranikhet disease
			on 5 th (4-7 th) day 1 day oculonasal. Repeat on 28 th day
			and again on 9 th week.
		Coccidiosis	Provide plenty of fresh and clean drinking water.
		(Symptoms:	Provide coccidiostatic like Amprolium @ 25-65
		blood/mucus in feaces)	mg/kg feed once a day as a preventive measure against
			coccidiosis.
		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1
			drop) at the age of 4-7 days old and 35 days old
			through eye and nostril.
Piggery	All stages		Ensure proper feed and clean drinking water.
			Feed should be kept dry to avoid possible poisoning
		C & RD BLOCK MAP C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			Vaccinate all newly born niglets against swine fever at
90°0'0	E 90°30'0"E	91°0'0"E 91°3	the age of 3 months followed by annual booster dose.
			In endemic areas, vaccinate 6 months old pigs with
26°30'0"N=			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.
	ASSAM	Deworming	Deworm pigs by albendazole @ 5-10 mg/kg body
		Deworming	weight once and repeat after 21 days.
26°0'0"N-	En To	T make at	The pregnant animals should be dewormed 2-3 weeks
F 5	TRUMBLA REMOVED AND A	A CONTRACTOR OF THE PARTY OF TH	prior to farrowing.
	N. DOLL LYNGA	ANADESTEA JOSEPH C	Most common symptoms of piglet anemia pale cuases
SELSEIL	EASTERRO	and I	membrane, roughness of hair, diarrhea, wrinkle of skin.
1	Songsan 7	ROHGENG	Marie Mary Marie M
	ST GARO HILLS	www.commun.	Pig production cycle
25°30'0"N-	SAMARIJA	MOWGS FORM	Parameters Measures 25°30'0"N
1	J CAMBEGRE	WEST HHASI HILLS	Service of sows 2 or 3 times AI or Natural
S SSAN S	CHOKPOT BACHMARA	imarrow:	service boar
~	DALI GARO HILL	ROBORA RAHKOR	Farrowing 114 days
	CESSANAIN	a francis	Weaning 3-4 weeks
			Sow commences heat 1 week after weaning
25000000	BANGLADESH		Weaner to slaughter 20-24 weeks (growing and
25°0'0"N=			finishing) 60-100 Kg
			Sow come to heat once in 21 days. Breed the animals when
			in neak heat period (i.e. 12 to 24 hrs of heat)
STATE	GIS LAB.	SCALE 1: 1,3	60,000
(MEGI	ALAYA)	Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
24°30′0"N-	r seggia Tennas	(Scabies)	24°30'0"N
Fishery	90°30'0"E	91°0'0"E	U'U"E 92°0'0"E 92°30'0"E 93°0'0"E
Common Carp	Brooders		
(All varieties; Amur,	(Breeding season)		➤ The temperature is rising the rate and frequency of
Local common carp			egg laying is expected to increase.
and Koi carps)			
and Hor curps)			➤ Local common carp and koi carp have started
			laying eggs. Every morning mop should be
			checked and transfer the mop with eggs to nursery
			ponds.
			➤ If the eggs are observed to have fungal growth it
			1
			should be treated with methylene blue bath
			treatment @ 3ppm for 10 second for 3-4 days.

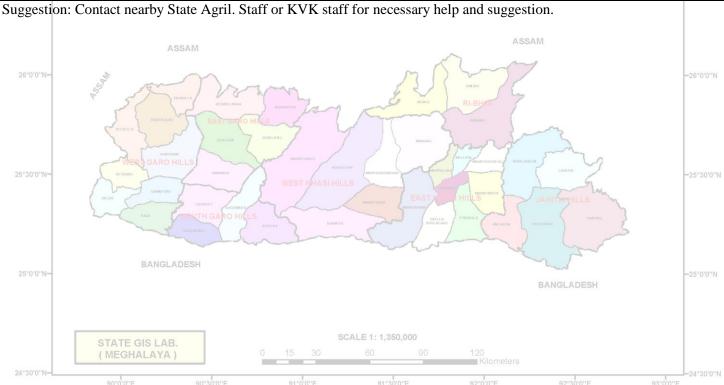


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ICAR Research Complex for NEH Region





Dated: 13/03/2020

The harvested crop should be stacked in threshing

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RC (AE)/30/2011/ Bulletin/March'2020/99

Agro Advisory Bulletin – NORTH GARO HILLS (Period 14th – 18th March, 2020)

Weather forecast valid up to 18th March, 2020

There will be possibility of 1.0 mm rainfall for the next five days. Maximum Temp: 25-29° C, Minimum Temp: 16-17° C, Cloud cover: sky will be partly cloudy to mainly cloudy ie. 3-5 Okta, Maximum RH: 56-73%, Minimum RH: 24-48%, Wind speed: 4-6 Kmph, Wind direction: Northeast-Southeast.

General Advisories:

- > Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers.
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days

26°30'0"N Pest/Diseases Main Crop Stage Agricultural Advisories Pea Pod filling/ Severely infected plants should be removed from field Harvesting and burn it. ASSAM Harvest the fully developed pods in early morning. Brinjal/Chilli Nursery raising/ Nursery seed bed preparation of 1 m width and length as **Transplanting** per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Damping off Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. SCALE 1: 1,35 •00 Irrigate immediately after transplanting. GIS LAB. STATE Tomato/Capsicum South American tomato Monitor the incidence of South American tomato leaf **Transplanting** leaf 91°0'0"E miner & destroy the infested leaves at initial stages in the miner nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_N E India.html Damping off Avoid excess irrigation to control from damping off Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting. Mustard/Rapeseed Maturity/Harvesting Harvest the crop on sunny day by cutting at the base with sickle preferably in the morning hours.



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



Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime

Provide clean drinking water and change the water

Isolate/separate diseased bird and dead birds should be

Regularly inspect the dropings of the poultry birds for

to avoid caking.

immediately removed.

every day.

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

	<u> </u>		floor for 5.6 days before threating
			floor for 5-6 days before threshing.
D!	II amanatina		• After harvesting, seeds must be sun dried for 4-5 days.
Pineapple	Harvesting		Maturity indices:
	(NovApril)		1) Colour change is the most common method of
			determining the maturity of fruits.
			a) For long distance transportation: Fully mature
			fruits just before colour change.
			b) Canning purpose: Slight colour change at the base of fruit.
			 c) Table purpose: Develops satisfactory uniform golden yellow colour
			2) About 25% of the eyes at the base are becoming flat.
			3) Method of harvesting: Harvesting is done with a
			sharp knife, severing the fruit-stalk with a clean cut
		C & RD BLOCK MAP OF	retaining 5-7 cm of stalk without damage to the fruit.
90°0'0	New plantation E	91°0'0"E 91°30	Land preparation and layout in double row planting system.
Khasi Mandarin	Harvesting		
26°30'0"N-	Harvesting		Harvest along with stalk. To prove hind decrease of Wheel Mandagin for its contribution.
26 30 0 N			To prevent bird damage of Khasi Mandarin fruit use bird To prevent bird damage of Kh
	Nursery		netting or use traditional methods of bird control.
	runscry		Provide shade and protect the newly grafted plants from
	New plantation		rain.
	ASSAM		Layout in square planting/terrace and pit digging.
α	N		
Gauva N-	Nursery		Patch budding of improved cultivars on local rootstock.
F.S.	THURSDAY VIN	The same	• Apply FYM in tree basin (25 kg/tree).
a	NESWELINA	MARKITTA 3 CO	MANG RI-BHOT
Strawberry	Fruiting stage	HILLS - S	Removal of dry cell and diseased infected leaves and
1	SONGSAN 7	RONGENG	fruits.
7	ST GARO HILLS	wood meninis	• Harvest fruit at pink or ¾ colour stage. Pick berries with
25°20'0"N-	SAMAGA SAMAGA	MONGSTON: MANTHAD RADIA	cap (calyx) along the stem 1-2 inches from calyx.
Animal Sciences	5	WEST HASI HILLS	- American Company
 Check for build 	up of insect nests in a	nimal houses & if required	clean the same.
 Preparation of s 	silage from available g	reen fodder should be carrie	ed out.
Corona (Covid 19)	The second second		
		difficulty breathing sympto	oms, please consult a physician in nearby hospitals.
	DANGI ADEGU		
		t transmitted timough any fo	oods of animal origin (meat, milk, egg, etc.).
Maintain hand a	and cough hygiene.		
D 14	A 11	-	D 1 (1.11) 11 (1.11)
Poultry	All stages	000154:405	Brooder management should be ensured by providing
	GIS LAB.	SCALE 1: 1,35	near source 2 wattermens electric suis. 7 10 square
(MEGI	ALAYA)	0 15 30 60	⁹⁰ inches space/chicks.
24°30′0"N-			Maintain hygiene and sanitation in poultry shed. 24°30'0"N
90°0'0"	90°30°0"E	91°0'0"E 91°30	 Cover the shed with sack or plastic sheets at night time.
			Ensure proper ventilation during day time.
			Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
	1		A void demoning of litter meterial and leasn them dry



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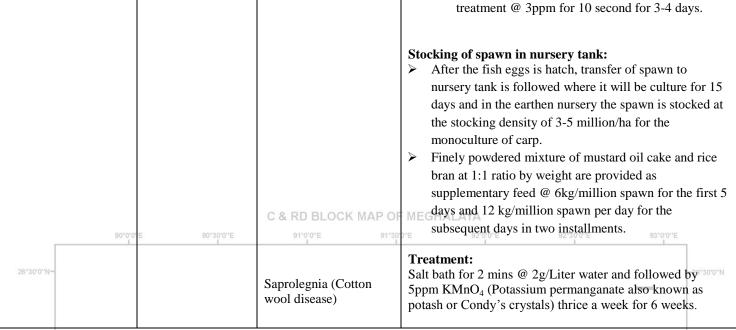
			Coccidiosis (Symptoms: blood/mucus in feaces)	 any diseases symptom(Blood discharge/Pus/Diarrhoea/Watery). Vaccinate against newcastle disease or ranikhet disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against
			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	90,0,0	All stages	C & RD BLOCK MAP OF	Ensure proper feed and clean drinking water.
26°30'0"N		ASSAM		 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.
26°0'0"N	SELACION SEL	DADY NOOR DE LAST SERVICES DE LA SERVICE DE LA	Deworming	 Deworm pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days. The pregnant animals should be dewormed 2-3 weeks prior to farrowing. Most common symptoms of piglet anemia pale cuases membrane, roughness of hair, diarrhea, wrinkle of skin.
25°30'0"N-	BETASHO ZISTAN	GARO HILLS CAMADEA	WEST IGHA SI HILLS WENTYPHER MONTHAGEAN MANGE	Pig production cycle Parameters Service of sows 2 or 3 times AI or Natural service boar
25°0'0''N		BANGLADESH		Farrowing 114 days Weaning 3-4 weeks Sow commences heat 1 week after weaning Weaner to slaughter 20-24 weeks (growing and finishing) 60-100 Kg
24°30'0''N-		GIS LAB. ALAYA)	Scale 1: 1,350 Skin infection 91°30° (Scabies)	Sow come to heat once in 21 days. Breed the animals when in peak heat period (i.e. 12 to 24 hrs of heat). Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Fishery				·
Common Ca (All varieties Local common and Koi carps	s; Amur, on carp	Brooders (Breeding season)		 The temperature is rising the rate and frequency of egg laying is expected to increase. Local common carp and koi carp have started laying eggs. Every morning mop should be checked and transfer the mop with eggs to nursery ponds. If the eggs are observed to have fungal growth it should be treated with methylene blue bath

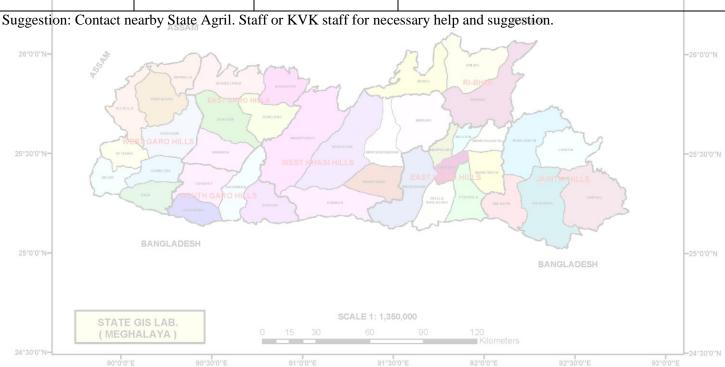


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Dated: 13/03/2020

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RC (AE)/30/2011/ Bulletin/March'2020/99

<u>Agro Advisory Bulletin – Ri-Bhoi</u> (Period 14th – 18th March, 2020)

Weather summary of the past four days	Weather forecast valid up to 18 th March, 2020.		
Sky was clear to slightly cloudy with no rainfall. Maximum temperatures ranged between 23.2-26.2°C and minimum ranged between 9.2-11.4°C. Mean relative humidity was 69-84% in morning and 36-59% in evening. Wind speed ranged between 2-3 kmph.	There is possibility of 3.0 rainfall for the next five days. Maximum Temp: 23-27°C, Minimum Temp: 10-11°C, Cloud cover: sky will be partly cloudy to cloudy i.e. 3-8 Okta, Maximum RH: 60-83%, Minimum RH: 24-57%, Wind speed: 3-5 Kmph, Wind direction: Northeast-South.		
General Advisories: Take presention from pact & diseases C & RD BLOCK MA	D OF MECHALAVA		
Take precaution from pest & diseases.	P OF MEGNALATA		
Repair bunds, shoulder bunds and risers.	91°30'0"E 92°0'0"E 92°30'0"E 93°0'0"E		

Agro meteorological Advisories for coming 5 days

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

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



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			5-6 days before threshing.	
			 After harvesting, seeds must be sun dried for 4- 	-5 davs
Pineapple	Harvesting (Nov		Maturity indices:	J days.
т шеарріе	April)		1) Colour change is the most common method of	of.
	April)		determining the maturity of fruits.	<i>)</i> 1
			a) For long distance transportation: Fully	moturo
			fruits just before colour change.	mature
			v v	ot the bess
				e at the base
			of fruit.	
			c) Table purpose: Develops satisfactory	uniiorm
			golden yellow colour	·
			2) About 25% of the eyes at the base are becom	
			3) Method of harvesting: Harvesting is done with	
		& RD BLOCK MA	knife, severing the fruit-stalk with a clean cut ret	aining 5-7
			cm of stalk without damage to the fruit.	
	New plantation E	91°0'0"E	Land preparation and layout in double row planting	system.
Khasi Mandarin	Harvesting		 Harvest along with stalk. 	
26°30'0"N-			To prevent bird damage of Khasi Mandarin fr	
			netting or use traditional methods of bird control.	
	Nursery		Provide shade and protect the newly grafted plant	ts from rain.
	New plantation		• Layout in square planting/terrace and pit digging.	.
			ASSAM	
Gauva	Nursery		Patch budding of improved cultivars on local roo	tstock
26°0'0"N-	, , ,		• Apply FYM in tree basin (25 kg/tree).	
28 OUNT	And I was	Parel no.	- Tippiy I Tivi in tree busin (25 kg/tree).	-26°0'0"N
		7 7		1.0.1
Strawherry	Fruiting stage		Removal of dry cell and diseased infected leaves	and fruite
Strawberry	Fruiting stage	AHARATTA JEZ-7	Removal of dry cell and diseased infected leaves	
Strawberry	Fruiting stage CLUBELINGS MANY WILLIAM EAST STATE HINGS	ALAMATTA JETO	Harvest fruit at pink or ¾ colour stage. Pick bern	
7	Fruiting stage NUMBELINGS BASIC STREET BASIC	AND THE STATE OF T		
Animal Sciences	PART NOGERAL ROBERTAL ROBERTA R	AND STATE OF THE S	Harvest fruit at pink or ¾ colour stage. Pick berr (calyx) along the stem 1-2 inches from calyx.	
Animal Sciences 25 9 0 N-Check for b	build up of insect nests in anin	and the second s	Harvest fruit at pink or ¾ colour stage. Pick bern (calyx) along the stem 1-2 inches from calyx. uired clean the same.	
Animal Sciences 25 9 0 N-Check for b	PART NOGERAL ROBERTAL ROBERTA R	and the second s	Harvest fruit at pink or ¾ colour stage. Pick bern (calyx) along the stem 1-2 inches from calyx. uired clean the same.	ries with cap
Animal Sciences 25 9 0 N-Check for b	puild up of insect nests in anim	and the second s	Harvest fruit at pink or ¾ colour stage. Pick bern (calyx) along the stem 1-2 inches from calyx. uired clean the same.	ries with cap
Animal Sciences 25 • Check for b • Preparation Corona (Covid	puild up of insect nests in anim of silage from available green	n fodder should be	Harvest fruit at pink or ¾ colour stage. Pick berr (calyx) along the stem 1-2 inches from calyx. uired clean the same. carried out.	ries with cap
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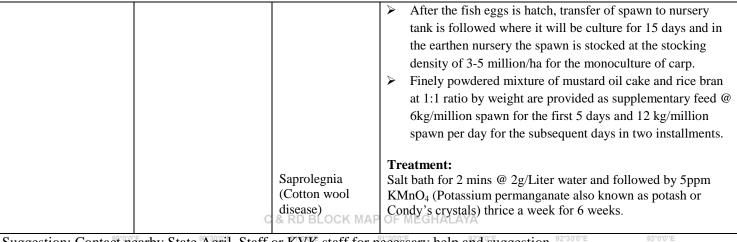
				again on 9 th week.		
			Coccidiosis (Symptoms: blood/mucus in feaces)	Provide coccidiostatic	and clean drinking water. like Amprolium @ 25-65 ventive measure against cocc	
			Ranikhet disease		birds with F1/ Lasota vac lays old and 35 days old thro	
Piggery		All stages		 Ensure proper feed and Feed should be kept (aflatoxin). 	clean drinking water. dry to avoid possible porn piglets against swine fevo	
	00000		& RD BLOCK MAR	age of 3 months follower	ed by annual booster dose.	
	90,0,0,	E 90°30'0"E	91°0'0"E	• In endemic areas, vaccivaccine once in a year.	inate 6 months old pigs wi	th FMD
26°30'0"N-				• Iron supplementation	in piglet to prevent from ek of age (0.5-1 ml IM/SC	
		ASSAM	Deworming	 Deworm pigs by albert once and repeat after 2 The pregnant animals st 	ndazole @ 5-10 mg/kg body 1 days. should be dewormed 2-3 wee	
26°0'0"N-	S. S. Las	TOWNS LA NEW CLINIA	A Lot ALLENNAN		oms of piglet anemia pale of hair, diarrhea, wrinkle of s	
	SETZETTV	SONGSAN ROM	ienc y	Pig production cycle	~~	
25°30'0"N=	BETASHG	GARO HILLS	MONTES TON MONTES TON	Parameters Service of sows	Measures 2 or 3 times Al or Natu	ural
	1	J GAMIFGIE J	WEST HHASI HILLS	Farrowing HUSS	service boar 114 days	
	Land	DALIN CHOKROT BACHMARA	L'	Weaning	3-4 weeks	
		EASHANALA BOR	HA HARROR	Sow commences heat	1 week after weaning	
		BANGLADESH		Weaner to slaughter	20-24 weeks (growing a finishing) 60-100 Kg	and
25°0'0''N-				Sow come to heat once in 21 peak heat period (i.e. 12 to 2	•	nen in
		GIS LAB. ALAYA)	Skin infection (Scabies)	Provide Ivermectin (Inje	ection) @ 10mg/33kg body v	wt.
Fishery	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	-24°30'0''N
Common Car		Brooders				
(All varieties; Local common		(Breeding season)		-	rising the rate and frequency	of egg
and Koi carps)				laying is expected t		n in a
					o and koi carp have started lang mop should be checked at	
					ng mop snould be checked a th eggs to nursery ponds.	114
				_	rved to have fungal growth i	it
					rith methylene blue bath treat	
				@ 3ppm for 10 seco	•	tilicilt
				Stocking of spawn in nurse	arv tank	
			l	Diocking of spawif in nurse	ay tank.	



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Dated: 13/03/2020

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RC (AE)/30/2011/ Bulletin/March'2020/99

Agro Advisory Bulletin – SOUTH GARO HILLS (Period 14th – 18th March, 2020)

Weather forecast valid up to 18th March, 2020

There is possibility of 2.0 mm rainfall for the next five days. Maximum Temp: 23-30°C, Minimum Temp: 16-18°C, Cloud cover: sky will be partly cloudy to cloudy i.e. 5-8 Okta, Maximum RH: 45-78%, Minimum RH: 25-49%, Wind speed: 4-5 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

26°30'0"N=

- Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers. D BLOCK MAP OF MEGHALAYA
- ➤ Removal of dry cell and diseased infected leaves and fruits from strawberry.

93°0'0"E

Agro meteorological Advisories for coming 5 days

		Main Crop	Stage	Pest/Diseases	Agricultural Advisories
	Pea		Pod filling/		Severely infected plants should be removed from
261010)"N-	2	Harvesting	M	field and burn it.
		ESENT SET	- Drawing	2	Harvest the fully developed pods in early morning.
		3/	THE SECTION OF THE SE	The same	RI-BHAT
	Brin	ijal/Chilli	Nursery raising/	The state of the s	Nursery seed bed preparation of 1 m width and
		Janes 3	Transplanting	7 /\	length as per convenience and 15 cm above the
		200	CRAM HILLS	arman / / /	ground.
5°30'0)"N-	BETASHG GARC	SAMARICA	MONOSTON MONTHADRASHAN	• Beds to be ploughed and mixed with FYM @ 4
		CAMILO	WES WES	T HHASI HILLS	kg/m ² and levelled it properly.
		ZIKZAK S	CHOKPOT LACHMARA	innervous EA	• Seed treatment with Trichoderma or Pseudomonas
		ONLI	STATH GARO HILLS	HAMMOR	@ 2-4 kg of seed before sowing.
			CETUANALA	Damping off	Avoid excess irrigation to control from damping off diseases.
		New york and a second		" P B	• Sow the seed in line at 5 cm spacing and irrigate
25'0'0	DN-	BANG	ADESH		immediately.
					Varieties of Brinjal: Arka Nidhi, Arka Nilkant and
					Arka Anand.
					• Varieties of Chilli: Pusa Jwalla, Kashi Anmol,
		STATE GIS LA	B.	SCALE 1: 1,350,000	ArkaLohit.
		(MEGHALAYA		30 60	• Transplant one month old seedling at 50 x 60 cm
4°30'0)"N	-			spacing in brinjal and 50 x 60 cm in chilli.
		90°0'0"E	90°30'0"E 91°	0'0"E 91°30'0"E	Irrigate immediately after transplanting.
'	Tom	nato/Capsicum	Transplanting	South American	Monitor the incidence of South American tomato
				tomato leaf	leaf miner & destroy the infested leaves at initial
				miner	stages in the nursery (Damage symtoms may be
					verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_i
					n_NE_India.html
				Damping off	Avoid excess irrigation to control from damping off
				r 6	diseases.
					• Transplant one month old seedling at 50 x 50 cm
					spacing in evening.
					Irrigate immediately after transplanting.
_					



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Mustard/ Rapeseed	Maturity/Harvesting	 Harvest the crop on sunny day by cutting at the base with sickle preferably in the morning hours. The harvested crop should be stacked in threshing floor for 5-6 days before threshing. After harvesting, seeds must be sun dried for 4-5
		days.
Pineapple	Harvesting (NovApril)	Maturity indices: 1) Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit.
		c) Table purpose: Develops satisfactory
90.0,0,E	90°30'0"E 91	uniform golden yellow colour
0·0··N-		 About 25% of the eyes at the base are becoming flat. Method of harvesting: Harvesting is done with a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the fruit.
	New plantation	Land preparation and layout in double row planting
0'0"N-		system.
Khasi Mandarin WILMELA BETIGORG	Harvesting LEAST TOTAL OF HILE Nursery New plantation	 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. Provide shade and protect the newly grafted plants from rain. Layout in square planting/terrace and pit digging.
CAMILLO E	1	ELST A HILLS
Gauva	Nursery ROHILS	Patch budding of improved cultivars on local rootstock. Apply FYM in tree basin (25 kg/tree).
Strawberry	Fruiting stage	 Removal of dry cell and diseased infected leaves and fruits. Harvest fruit at pink or ¾ colour stage. Pick berries with cap (calyx) along the stem 1-2 inches from
STATE GIS I A	3	SCALE 1: 1,350,000 calyx.

- Check for build up of insect nests in animal houses & if required clean the same.
- Preparation of silage from available green fodder should be carried out.

Corona (Covid 19) Advisory

- If you (public) have fever, cough and difficulty breathing symptoms, please consult a physician in nearby hospitals.
- Don't get panic Covid19 will not get transmitted through any foods of animal origin (meat, milk, egg, etc.).
- Maintain hand and cough hygiene.

Poultry	All stages	Brooder management should be ensured by
		providing heat source 2 watt/chicks electric bull
		7-10 square inches space/chicks.
		 Maintain hygiene and sanitation in poultry shed.
		• Cover the shed with sack or plastic sheets at night
		time.



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



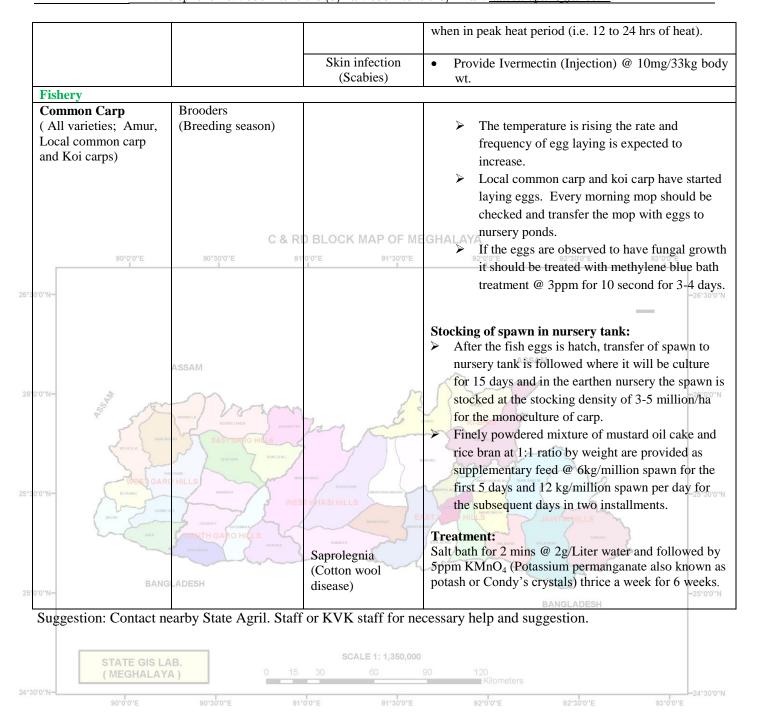
					ation during day time.
				Provide vitamin B co	omplex @ 7ml/litre in drinking
				water daily in broile	for healthy growth.
					litter material and keep them
				dry.	1
				1	ald be spread upto 2-3 inches
					d frequently. Treat litter with
				lime to avoid caking	
				_	ng water and change the water
				every day.	ing water and enange the water
					eased bird and dead birds
				should be immediate	
					e dropings of the poultry birds
		0.0 D	DI COK MAD OF ME		diseases symptom(Blood
		C&RI	BLOCK MAP OF ME	discharge/Pus/Diarrh	noea/Watery)
	90°0'0"E	90°30'0"E 91	0'0"E 91°30'0"E		ewcastle disease or ranikhet
				disease on 5 th (4.7 th)	day 1 day oculonasal. Repeat
6°30'0"N-				on 28 th day and again	on Oth work
			Coccidiosis		
			(Symptoms:		sh and clean drinking water.
			blood/mucus in		ic like Amprolium @ 25-65
			feaces)		day as a preventive measure
		ASSAM	Ranikhet disease	against coccidiosis.	
notorous.	×-		Raniknet disease		try birds with F1/ Lasota
26°0'0"N-	Shirt Serv	The man			the age of 4-7 days old and 35
Diago	* 5	All stages	5	days old through eye	
Pigge	DADENIA	All stages	The Manual	1 1	nd clean drinking water.
	Carretty J	A STATE OF THE STA	5		ept dry to avoid possible
	I when	SONGSAN (NONGERIC)	1 15 "	poisoning (aflatoxin)	nat l
	WEST GARO	HILLS	MANUAL PROPERTY OF THE PROPERT		born piglets against swine
5°30'0"N-	BETASING	SAMARUA WES	T KHASI HILLS		3 months followed by annual
	OAMIEG CAMIEG	1	F	booster dose.	No. 1 Company
	1	CHOKPOT BACHMARA	Marioni Junioni		ccinate 6 months old pigs with
	DAG SAGE	BOROTA BOROTA	HARRIGE	FMD vaccine once in	
		- Charles	James of		n in piglet to prevent from
			4		ng 1 st week of age (0.5-1 ml
25°0'0"N-	BANG	ADESH		IM/SC) repeat after	
			Deworming		pendazole @ 5-10 mg/kg body
			Doworming	weight once and rep	
				1 0	als should be dewormed 2-3
			SCALE 1: 1,350,000	weeks prior to farro	•
	STATE GIS LA (MEGHALAYA	B. 0 15	30 60		nptoms of piglet anemia pale
400000000	(INLOTIALATA			cuases membran	
4 30 0 N-L	90°0'0"E	90°30'0"E 91°	0'0"E 91°30'0"E	diarrhea, wrinkle of	skin. —24°30'0"N 22°30'0"E 93°0'0"E
				Dia production avala	
				Population cycle	Managamag
				Parameters Service of sows	Measures 2 or 3 times AI or Natural
				Service of sows	
				Forrowing	service boar
				Farrowing	114 days
				Weaning Sow commences heat	3-4 weeks
				Sow commences heat	1 week after weaning
				Weaner to slaughter	20-24 weeks (growing and finishing) 60, 100 Vg
					finishing) 60-100 Kg
				Cow come to heat one :	21 days. Breed the animals



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



Dated: 13/03/2020

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RC (AE)/30/2011/ Bulletin/March'2020/99

Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 14th – 18th March, 2020)

Weather forecast valid up to 18th March, 2020

There is possibility of no rainfall for the next five days. Maximum Temp: 25-30°C, Minimum Temp: 17-19°C, Cloud cover: sky will be partly cloudy to mainly cloudy i.e. 4-7 Okta, Maximum RH: 46-80%, Minimum RH: 26-53%, Wind speed: 3-6 Kmph, Wind direction: Northeast-Southeast.

General Advisories:

- > Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers. PD BLOCK MAP OF MEGHALAYA
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

93°0'0"E

Agro meteorological Advisories for coming 5 days —

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



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

Mustard/ Rapeseed	Maturity/Harvesting	Harvest the crop on sunny day by cutting at the base
Mustaru/ Kapeseeu	Wiaturity/Trai vesting	with sickle preferably in the morning hours.
		• The harvested crop should be stacked in threshing
		floor for 5-6 days before threshing.
		After harvesting, seeds must be sun dried for 4-5 days.
Pineapple	Harvesting	Maturity indices:
	(NovApril)	1) Colour change is the most common method of
		determining the maturity of fruits.
		a) For long distance transportation: Fully
		mature fruits just before colour change.
		b) Canning purpose: Slight colour change at the
		base of fruit.
	C	RD BLOCK MAP OF MEGH C) Table purpose: Develops satisfactory
90°0'0"E	90°30'0"E	uniform golden yellow colour
		2) About 25% of the eyes at the base are becoming
3°30'0"N-		flat. 3) Method of harvesting: Harvesting is done with a
CAN V. IV		sharp knife, severing the fruit-stalk with a clean cut
		retaining 5-7 cm of stalk without damage to the fruit.
	New plantation	Land preparation and layout in double row planting
	Tiew plantation	system.
Khasi Mandarin	Harvesting	Harvest along with stalk.
26°0'0"N-		• To prevent bird damage of Khasi Mandarin fruit use
26°0'0"N-	The state of the s	bird netting or use traditional methods of bird control.
1 50	Nursery	Provide shade and protect the newly grafted plants from
	HILLS	rain.
SUSILA	New plantation	Layout in square planting/terrace and pit digging.
Gauva	Nursery	Patch budding of improved cultivars on local rootstock.
5°30'0"N-	CAMEL GIE	Apply FYM in tree basin (25 kg/tree).
Strawberry	Fruiting stage	Removal of dry cell and diseased infected leaves and
	SESURIALA	fruits.
		• Harvest fruit at pink or ¾ colour stage. Pick berries
	ANGLADESH	with cap (calyx) along the stem 1-2 inches from calyx.
Animal Sciences		BANGLADESH -25°0'0"N
	•	nimal houses & if required clean the same.
	· ·	reen fodder should be carried out.
Corona (Covid 19	1 1 1 1	SCALE 1: 1,350,000
IVIEGRAL	AIAI	difficulty breathing symptoms, please consult a physician in nearby hospitals.
Don't get pan	ic – Covid19 will not ge	t transmitted through any foods of animal origin (meat, milk, egg, etc.).
Maintain hand	d and cough hygiene.	91°0'0"E 91°30'0"E 92°0'0"E 92°30'0"E 93°0'0"E
Poultry	All stages	Brooder management should be ensured by providing
-		heat source 2 watt/chicks electric bulb. 7-10 square
		inches space/chicks.
		Maintain hygiene and sanitation in poultry shed.
		• Cover the shed with sack or plastic sheets at night
		time.
		Ensure proper ventilation during day time.
		Provide vitamin B complex @ 7ml/litre in drinking
		vyotan daily in busilan fan baalthy, anayyth

water daily in broiler for healthy growth.

Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches



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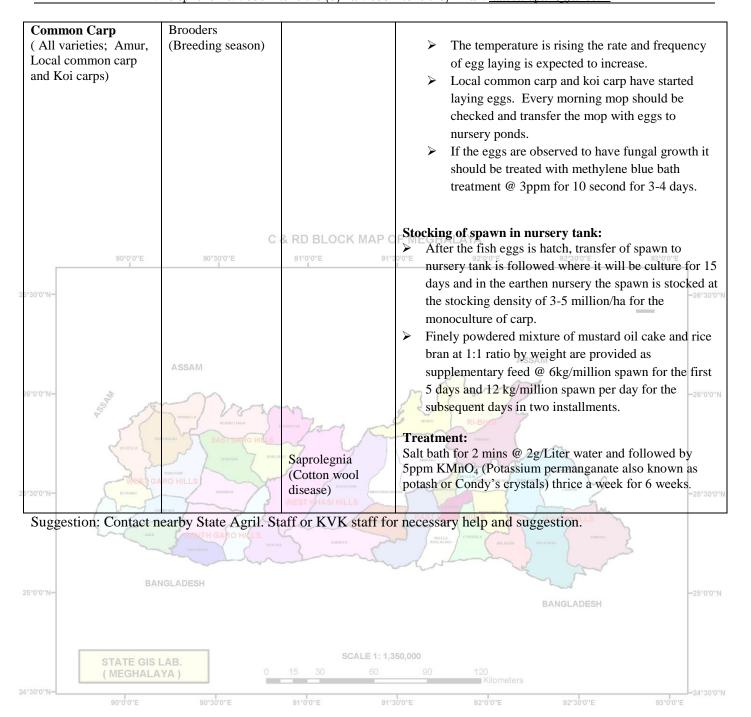
			Skin infection	when in peak heat period	21 days. Breed the animals (i.e. 12 to 24 hrs of heat). njection) @ 10mg/33kg body wt.
1°30'0"N-	90°0'0"E	90°30'0"E	91°0'0"E 91°3	Weaning Sow commences heat Weaner to slaughter	3-4 weeks 1 week after weaning 20-24 weeks (growing and finishing) 60-100 Kg
25 'U U'N-	STATE GIS I		SCALE 1: 1,3 15 30 60	Pig production cycle Parameters Service of sows	Measures 2 or 3 times AI or Natural service boar 114 days
z5°0'0''N⊷	DAIS BAN	CHARGE CHARGE AND HILLS ROBERT	NAME OF THE PART O	prior to farrowing. Most common syn	s should be dewormed 2-3 weeks appropriately appropriately and pale oughness of hair, diarrhea, wrinkle
26°0'0''N	SS MINITALIA BA	TRANSPALA RESIDENCE HOLE ANGELSAM RO HILLS CAMADIDA C	Deworming	 In endemic areas, value FMD vaccine once in Iron supplementation anaemia during 1st repeat after 14 days. Deworm pigs by al 	in piglet to prevent from piglet week of age (0.5-1 ml IM/SC) bendazole @ 5-10 mg/kg body
Piggery		All stages		 Ensure proper feed an Feed should be kept (aflatoxin). ASSA Vaccinate all newly b 	d clean drinking water. dry to avoid possible poisoning orn piglets against swine fever at
5°30'0''N=	90°0'0"E	90°30'0"E	Coccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease	Provide coccidiostat mg/kg feed once a against coccidiosis. Vaccinate the poultry	th and clean drinking water. tic like Amprolium @ 25-65 day as a preventive measure birds with F1/ Lasota vaccine of 4-7 days old and 35 days old
				 every day. Isolate/separate disease immediately removed. Regularly inspect the any disease discharge/Pus/Diarrho Vaccinate against disease on 5th (4-7th) 28th day and again on 	dropings of the poultry birds for ases symptom(Blood bea/Watery). newcastle disease or ranikhet day 1 day oculonasal. Repeat on 9 th week.



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RC (AE)/30/2011/ Bulletin/March'2020/99

Agro Advisory Bulletin – SOUTH WEST KHASI HILLS (Period 14th – 18th March, 2020)

Weather forecast valid up to 18th March, 2020

There is possibility of no rainfall for the next five days. Maximum Temp: 25-29°C, Minimum Temp: 15-17°C, Cloud cover: sky will be partly cloudy to mainly cloudy i.e. 4-6 Okta, Maximum RH: 53-69%, Minimum RH: 29-47%, Wind speed: 4-6 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

- > Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers. D BLOCK MAP OF MEGHALAYA
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days

N	Main Crop	ASSA Stage	Pest/Diseases	Agricultural Advisories
Pea e°0'0"N-	A Separate Market Marke	Pod filling/ Harvesting	MARKET JAN A	 Severely infected plants should be removed from field and burn it. Harvest the fully developed pods in early morning.
Brin ,	jal/Chilli MIMILA OF TABLE OF	Transplanting ARO HILLS ATH GARO HILLS	WEST IN A SI HILLS Damping off	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate
°30'0''N-	STATE GIS (MEGHAL/		SCALE 1: 1,356 15 30 60 91°0'0"E 91°30'	 Warieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol,
Tom	ato/Capsicum	Transplanting	South American tomato leaf miner Damping off	 Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_NE_India.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting.



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Mustard/ Rapeseed	Maturity/Harvesting		 Harvest the crop on sunny day by cutting at the base with sickle preferably in the morning hours. The harvested crop should be stacked in threshing floor for 5-6 days before threshing. After harvesting, seeds must be sun dried for 4-5 days.
Pineapple	Harvesting (NovApril)		Maturity indices: 1) Colour change is the most common method of
	C	& RD BLOCK MAP OF	determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at MEGHA the base of fruit.
90°0'0"E	90°30'0"E	91°0'0"E 91°30'	c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are becoming
30'0"N−			flat. 3) Method of harvesting: Harvesting is done with a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the fruit.
	New plantation		Land preparation and layout in double row planting system.
Khasi Mandarin	Nursery New plantation	MADOSTRADI MADOSTRADI	 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird control. Provide shade and protect the newly grafted plants from rain. Layout in square planting/terrace and pit digging.
Gauva DELAN	Nursery VTH GAROHIULS	WEST IN-IASI HILLS ADVICED BY THE STATE OF	 Patch budding of improved cultivars on local rootstock. Apply FYM in tree basin (25 kg/tree).
Strawberry BA	NFruiting stage		 Removal of dry cell and diseased infected leaves and fruits. Harvest fruit at pink or ¾ colour stage. Pick berries with cap (calyx) along the stem 1-2 inches from calyx.
Animal Sciences GIS	LAB.	SCALE 1: 1,350	0,000

- Check for build up of insect nests in animal houses & if required clean the same.
- Preparation of silage from available green fodder should be carried out.

 2200 Example 100 Preparation of silage from available green fodder should be carried out.

Corona (Covid 19) Advisory

- If you (public) have fever, cough and difficulty breathing symptoms, please consult a physician in nearby hospitals.
- Don't get panic Covid19 will not get transmitted through any foods of animal origin (meat, milk, egg, etc.).
- Maintain hand and cough hygiene.

Poultry	All stages	Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks.
		 Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time.



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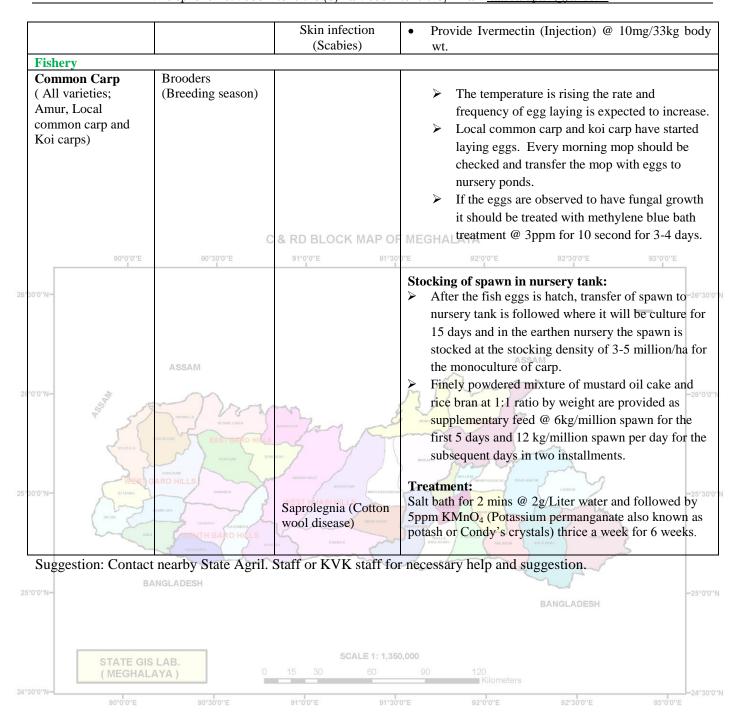
				 Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches thickness and stirred frequently. Treat litter with lime to avoid caking. Provide clean drinking water and change the water every day.
	90°0'0"E	90°30'0''E	& RD BLOCK MAP OF	Vaccinate against newcastle disease or ranikhet
3°30'0''N-		,	Coccidiosis (Symptoms: blood/mucus in feaces)	 disease on 5th (4-7th) day 1 day oculonasal. Repeat on 28th day and again on 9th week. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
Piggery	E 5-19	ASSAM All stages	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. Ensure proper feed and clean drinking water.
5°30'0''N	SELSELA BETAGNEG SECTAM	BOGGIAM ROG HILLS CONTROL CONT	MANUFACTURE I MONGETON MONGETO	 Feed should be kept dry to avoid possible poisoning (aflatoxin). Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
25°0'0''N-	BA	NGLADESH	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. The pregnant animals should be dewormed 2-3
1°30'0"N-	STATE GIS (MEGHAL/		SCALE 1: 1,350 15 30 60 91°00"E 91°30"	cuases membrane, roughness of hair, diarrhea, wrinkle of skin.
	30 U U TE	3U 3U U E	51.00 E 91.30°	Pig production cycle Parameters Service of sows Service of sows Farrowing Weaning Sow commences heat Weaner to slaughter Parameters 2 or 3 times AI or Natural service boar 114 days Weaning 3-4 weeks Sow commences heat 1 week after weaning Weaner to slaughter 20-24 weeks (growing and finishing) 60-100 Kg
				Sow come to heat once in 21 days. Breed the animals when in peak heat period (i.e. 12 to 24 hrs of heat).



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RC (AE)/30/2011/ Bulletin/March'2020/99

Agro Advisory Bulletin – WEST GARO HILLS (Period 14th – 18th March, 2020)

Weather forecast valid up to 18th March, 2020

There is possibility of 1.0 mm rainfall for the next five days. Maximum Temp: 24-29°C, Minimum Temp: 16-19°C, Cloud cover: sky will be partly cloudy to cloudy i.e. 4-8 Okta, Maximum RH: 46-80%, Minimum RH: 26-53%, Wind speed: 3-6 Kmph, Wind direction: Northeast-Southeast.

General Advisories:

- ➤ Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers.
- > Removal of dry cell and diseased infected leaves and fruits from strawberry.

C & RD BLOCK MAP OF MECHALAYA

Agro meteorological Advisories for coming 5 days

	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
	Pea	Pod filling/		Severely infected plants should be removed from
		Harvesting		field and burn it.
	0.00	SAM		Harvest the fully developed pods in early morning.
_				
26°0	Brinjal/Chilli	Nursery raising/	M	• Nursery seed bed preparation of 1 m width and
	EST TO THE TANK	Transplanting	5 3	length as per convenience and 15 cm above the ground.
		HESIORELIANA NIAMERITA	lang man	Beds to be ploughed and mixed with FYM @ 4
	SELSELLA DADE NOGODI	EAST GARO HILLS		kg/m ² and levelled it properly.
	1 3-5	SONGSAM RONGENG	/ / \ m	• Seed treatment with Trichoderma or Pseudomonas
	WEST GARO HIL	LLS	NAME AND ADDRESS OF THE PARTY O	@ 2-4 kg of seed before sowing.
5°30	D'O"N-	SAMARITA WEST	KHASI HILLS	Avoid excess irrigation to control from damping off
	CAMPLE CITE	7 2	Damping off	diseases.
	DALIS E	THE GARO HILLS	Janes Man	• Sow the seed in line at 5 cm spacing and irrigate
	The state of the s	EGUANNIA	HARRINGR	immediately.
			The state of the s	Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand.
2500	BANGLAD	DESH		Varieties of Chilli: Pusa Jwalla, Kashi Anmol,
200	, 0 14			ArkaLohit. ArkaLohit.
				• Transplant one month old seedling at 50 x 60 cm
				spacing in brinjal and 50 x 60 cm in chilli.
	STATE GIS LAB		SCALE 1: 1,350,000	Irrigate immediately after transplanting.
	(MEGHALAYA)	0 15	30 60 9	0 120
4°30	Tomato/Capsicum	Transplanting	South American	Monitor the incidence of South American tomato
	90°0'0"E	90°30'0"E 91°0	otomato leaf 91°30'0"E	leaf miner & destroy the infested leaves at initial
			miner	stages in the nursery (Damage symtoms may be verified from link)
				http://www.kiran.nic.in/New_Invasive_Pest_Alert_i
				n_NE_India.html
			Damping off	• Avoid excess irrigation to control from damping off
				diseases.
				• Transplant one month old seedling at 50 x 50 cm
				spacing in evening.
				Irrigate immediately after transplanting.
f	Mustard/ Rapeseed	Maturity/Harvesting		Harvest the crop on sunny day by cutting at the
L				base with sickle preferably in the morning hours.



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		 The harvested crop should be stacked in threshing floor for 5-6 days before threshing. After harvesting, seeds must be sun dried for 4-5 days.
Pineapple	Harvesting (NovApril)	Maturity indices: 1) Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour BLOCK MAP OF MESHA 2) About 25% of the eyes at the base are becoming flat.
90°0"N-	90°30'0"E 91°0	3) Method of harvesting: Harvesting is done with a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the
	New plantation	fruit. Land preparation and layout in double row planting system.
Khasi Mandarin	Harvesting SAM	 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird netting or use traditional methods of bird
POO'N-	Nursery New plantation	 Provide shade and protect the newly grafted plants from rain. Layout in square planting/terrace and pit digging.
Gauva STAGE STAGE SAMET OFF SAMET OFF	Nursery WEST	Patch budding of improved cultivars on local rootstock. Apply FYM in tree basin (25 kg/tree).
Strawberry	Fruiting stage	Removal of dry cell and diseased infected leaves and fruits.
		Harvest fruit at nink or 3/4 colour stage Dick harries
BANGLA Animal Sciences	DESH	• Harvest fruit at pink or ¾ colour stage. Pick berries with cap (calyx) along the stem 1-2 inches from calyx.

- Preparation of silage from available green fodder should be carried out.

Corona (Covid 19) Advisory

- If you (public) have fever, cough and difficulty breathing symptoms, please consult a physician in nearby hospitals.
- Don't get panic Covid19 will not get transmitted through any foods of animal origin (meat, milk, egg, etc.).
- Maintain hand and cough hygiene.

Poultry	All stages	• Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks.	
		 Maintain hygiene and sanitation in poultry shed. 	
		 Cover the shed with sack or plastic sheets at night 	
		time.	
		• Ensure proper ventilation during day time.	
		• Provide vitamin B complex @ 7ml/litre in drinking	
		water daily in broiler for healthy growth.	



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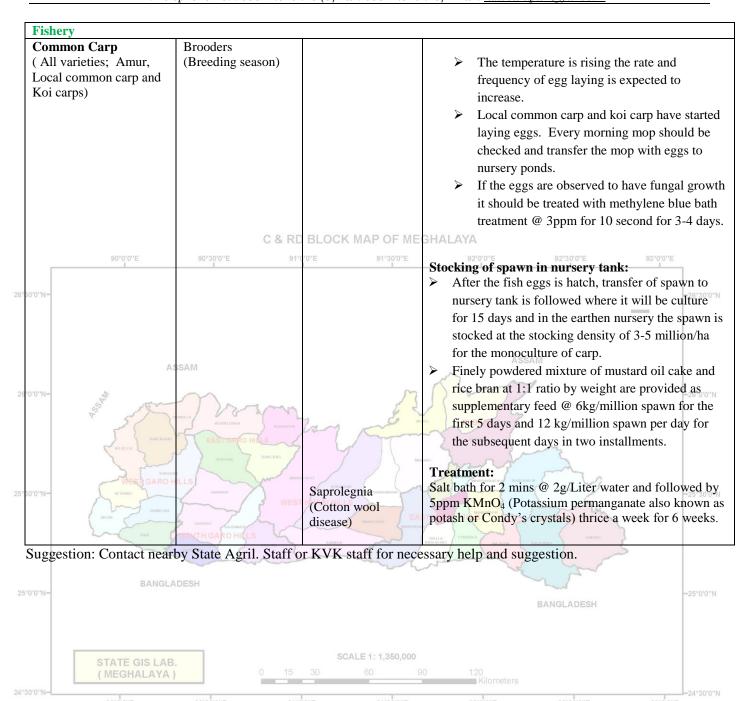
		T	
			litter material and keep them
		dry.	
			ld be spread upto 2-3 inches
			frequently. Treat litter with
		lime to avoid caking.	
		Provide clean drinkin every day.	g water and change the water
			ased bird and dead birds
		should be immediatel	
			dropings of the poultry birds
			iseases symptom(Blood
		discharge/Pus/Diarrho	
			ewcastle disease or ranikhet
	C & RD BLOCK MAP OF ME	_thth.	day 1 day oculonasal. Repeat
90°0'0"E 90°30'0"E	04000000	on 28th day and again	
30 30 0 2	Coccidiosis		h and clean drinking water.
	(Symptoms:		c like Amprolium @ 25-65
26°30′0′′N	blood/mucus in		day as a preventive measure
	feaces)	against coccidiosis.	_
	Ranikhet disease		try birds with F1/ Lasota
			ne age of 4-7 days old and 35
Piggery All stages	5	days old through eye • Ensure proper feed an	and nostrn. and clean drinking water.
-			ept dry to avoid possible
2E-0'0"N-	man & &	poisoning (aflatoxin).	
THE WORLD	ANAMATTIA PARAMETRIA		born piglets against swine
DATE NOOM	The state of the s		8 months followed by annual
SULSELLA SONGSAN RO	MOJENG / M	booster dose.	
Nest GARO HULS	Marco Carrier	• In endemic areas, vac	cinate 6 months old pigs with
25°80'0"N- BITISSING SAMANDIA	NOWGETOWN MONTHADERAGHAN	FMD vaccine once in	
CAMPLE OFF	WEST KHASI HILLS		n in piglet to prevent from
CHOKPOT PAGIMARA	The second second second		g 1 st week of age (0.5-1 ml
OALI STATE GARO HILLS	HAMKOR HAMKOR	IM/SC) repeat after 1	
	Deworming	Deworm pigs by albeweight once and repe	endazole @ 5-10 mg/kg body
BANGLADESH			als should be dewormed 2-3
25°0'0"N-		weeks prior to farrov	
			ptoms of piglet anemia pale
		cuases membrane	
		diarrhea, wrinkle of s	
STATE GIS LAB	SCALE 1: 1,350,000 15 30 60	100	
(MESHALATA)	13 30 00	Pig production cycle	
24°30′0″N-L 90°0′0″E 90°30′0″E	91°00"E 91°30'0"E	Parameters	Measures -24°30'0"N
		Service of sows	2 or 3 times AI or Natural service boar
		Farrowing	114 days
		Weaning	3-4 weeks
		Sow commences heat	1 week after weaning
		Weaner to slaughter	20-24 weeks (growing
			and finishing) 60-100 Kg
			21 days. Breed the animals
		when in peak heat period	(i.e. 12 to 24 hrs of heat).
	011 1 0 1		
	Skin infection		(njection) @ 10mg/33kg body
	(Scabies)	wt.	



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



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



Dated: 13/03/2020

92°30'0"E

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

RC (AE)/30/2011/ Bulletin/March'2020/99

Agro Advisory Bulletin – WEST JAINTIA HILLS (Period 14th – 18th March, 2020)

Weather forecast valid up to 18th March, 2020

There is possibility of 2.0 mm rainfall for the next five days. Maximum Temp: 23-28°C, Minimum Temp: 13-17°C, Cloud cover: sky will be partly cloudy to cloudy i.e. 4-8 Okta, Maximum RH: 69-92%, Minimum RH: 40-69%, Wind speed: 3-4 Kmph, Wind direction: Northeast-Southwest.

General Advisories:

- Take precaution from pest & diseases.
- ➤ Repair bunds, shoulder bunds and risers. PD BLOCK MAP OF MEGHALAYA
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days —

	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea		Pod filling/		Severely infected plants should be removed from field
26°0'0''N		Harvesting		and burn it.
200014	Egen Francisco	THE TAXABLE TO TAXABLE	my (Harvest the fully developed pods in early morning.
Bri	njal/Chilli 🦵 🦳	Nursery raising/	Tan I	Nursery seed bed preparation of 1 m width and length
	Castrairy 3	Transplanting		as per convenience and 15 cm above the ground.
	3 ph	NONGSAM SONGSAM		Beds to be ploughed and mixed with FYM @ 4 kg/m²
25°30'0''N	WEST GAI	RO HILLS	MONGSTON MONTHADRADIA	and levelled it properly.
23 30 0 N	1 mg	3	WEST KHASI HILLS	• Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing.
	ZHZAK S	CHOKPOT JEACHMARA	- Lancour -	Avoid excess irrigation to control from damping off
	DALII DALII	SONTH GARO HILLS	Damping off	diseases.
		SCHINARY CONTRACTOR	- In-	• Sow the seed in line at 5 cm spacing and irrigate
	DAN	GLADESH		immediately.
25°0'0"N		SLADESH		Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka
				Anand. BANGLADESH
				Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit.
			001157.401	• Transplant one month old seedling at 50 x 60 cm
	STATE GIS L		SCALE 1: 1,38	spacing in brinjal and 50 x 60 cm in chilli.
	(MEGHALA)	(A)	10 00	Irrigate immediately after transplanting.
24°30'0''N	90°0'0"E	90°30'0"E	91°0'0"E 91°3	0"E 92°0'0"E 92°30'0"E 93°0'0"E 93°0'0"E
Tor	nato/Capsicum	Transplanting	South American	Monitor the incidence of South American tomato leaf
			tomato leaf	miner & destroy the infested leaves at initial stages in
			miner	the nursery (Damage symtoms may be verified from link)
				http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_
				NE India.html
			Damping off	Avoid excess irrigation to control from damping off
				diseases.
				• Transplant one month old seedling at 50 x 50 cm
				spacing in evening.
				Irrigate immediately after transplanting.



Mustard/ Rapeseed

Maturity/Harvestin

GRAMIN KRISHI MAUSAM SEWA

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



Harvest the crop on sunny day by cutting at the base

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

Wustaru/ Kapeseeu	g g		 with sickle preferably in the morning hours. The harvested crop should be stacked in threshing floor for 5-6 days before threshing.
			 After harvesting, seeds must be sun dried for 4-5 days.
Pineapple	Harvesting (NovApril)		Maturity indices: 1) Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit.
90°0'0"E	90°30'0"E	& RD BLOCK MAP O 91°0'0"E 91°30	uniform golden yellow colour
28*30*0"N-	New plantation		2) About 25% of the eyes at the base are becoming flat. 3) Method of harvesting: Harvesting is done with a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the fruit. Land preparation and layout in double row planting system. ASSAM
Khasi Mandarin	Harvesting		 Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use
SES MALSELLA BARE	Nursery New plantation	The year	 bird netting or use traditional methods of bird control. Provide shade and protect the newly grafted plants from rain. Layout in square planting/terrace and pit digging.
Gauva Selection GAI Selection GAI	Nursery	WEST IGHASI HILLS	 Patch budding of improved cultivars on local rootstock. Apply FYM in tree basin (25 kg/tree).
Strawberry	Fruiting stage LS	NAME OF THE PARTY	Removal of dry cell and diseased infected leaves and fruits. Harvest fruit at pink or ¾ colour stage. Pick berries with cap (calyx) along the stem 1-2 inches from calyx.
Animal Sciences			BANGLADESH -25°0'0"N
 Preparation of s Corona (Covid 19) If you (public) 1 Don't get panic 	ilage from available g <u>Advisory</u> nave fever, cough and		carried out. mptoms, please consult a physician in nearby hospitals. any foods of animal origin (meat, milk, egg, etc.).
Poultry	All stages		 Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks. Maintain hygiene and sanitation in poultry shed. Cover the shed with sack or plastic sheets at night time. Ensure proper ventilation during day time. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Avoid dampening of litter material and keep them dry. Litter materials should be spread upto 2-3 inches



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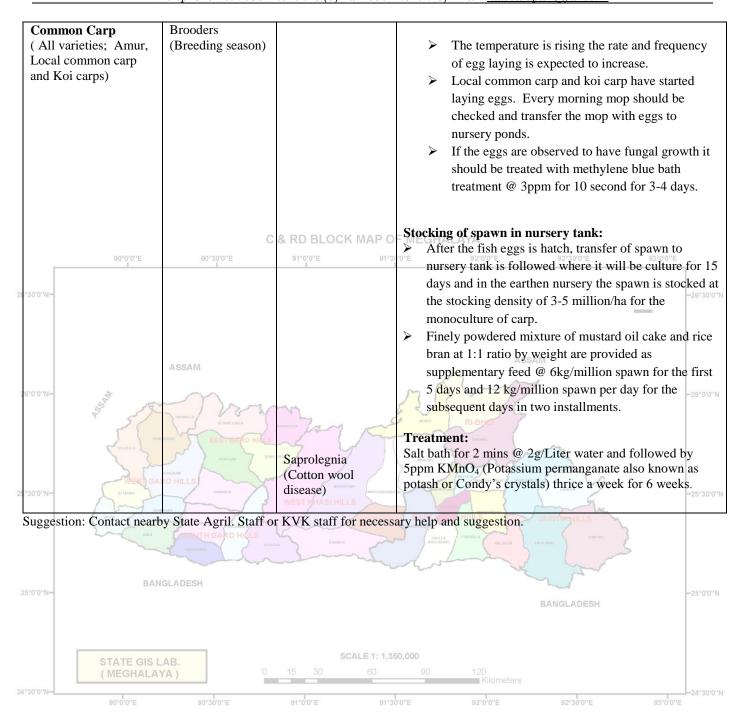
90°0'0"E Piggery	All stages	Coccidiosis (Symptoms: blood/mucus in feaces) Ranikhet disease	disease on 5 th (4-7 th) o 28 th day and again on Provide plenty of fresl Provide acccidiostati mg/kg feed once a against coccidiosis. Vaccinate the poultry (1 drop) at the age of through eye and nostroid Ensure proper feed and Feed should be kept (aflatoxin). Vaccinate all newly be	d clean drinking water. dry to avoid possible poisoning
850'0"N-	DANISHE LAND HAS BOOK LINEAR BOOK AND HAS BO	MADESTIA DE LA CONTRACTION DEL CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DEL CONTRACTION DE LA C	 In endemic areas, variful vaccine once in Iron supplementation anaemia during 1st v repeat after 14 days. 	ccinate 6 months old pigs with a year. in piglet to prevent from piglet week of age (0.5-1 ml IM/SC)
	SANGLADESH	Deworming S	• The pregnant anim weeks prior to farrow	als should be dewormed 2-3 ving. uptoms of piglet anemia pale e, roughness of hair, kin.
.5°0'0"N=		SCALE 1: 1,38	Pig production cycle Parameters Service of sows	Measures 2 or 3 times AI or Natural
STATE GI (MEGHAI		15 30 60 91°0'0"E 91°36	Farrowing Weaning Weaning Sow commences heat Weaner to slaughter	service boar 114 days 3-4 weeks 1 week after weaning 20-24 weeks (growing and finishing) 60-100 Kg
			Sow come to heat once in when in peak heat period (21 days. Breed the animals (i.e. 12 to 24 hrs of heat).
		Skin infection	Provide Ivermectin (Ir	njection) @ 10mg/33kg body wt.



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



Dated: 13/03/2020

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RC (AE)/30/2011/ Bulletin/March'2020/99

Agro Advisory Bulletin – WEST KHASI HILLS (Period 14th – 18th March, 2020)

Weather forecast valid up to 18th March, 2020

There is possibility of 2.0 mm rainfall for the next five days. Maximum Temp: 23-26°C, Minimum Temp: 11-14°C, Cloud cover: sky will be mainly cloudy to cloudy i.e. 5-8 Okta, Maximum RH: 67-85%, Minimum RH: 35-62%, Wind speed: 4-6 Kmph, Wind direction: Northeast-Southeast.

General Advisories:

- Take precaution from pest & diseases.
- ➤ Repair bunds, shoulder bunds and risers. □ BLOCK MAP OF MEGHALAYA
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

92°30'0"E 93°0'0"

Agro meteorological Advisories for coming 5 days...

	Main Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea		Pod filling/		Severely infected plants should be removed from
		Harvesting		field and burn it.
6°0'0''N-	EST. JAN	Marsh	5	Harvest the fully developed pods in early morning.
Bri	njal/Chilli SULSULA BETTORG GAMET	Nursery raising/ Transplanting Hall Transplan	Tighast Hills Damping off	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases.
se.0,0,.W—	STATE GIS LA (MEGHALAY		SCALE 1: 1,350,000	 Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. Transplant one month old seedling at 50 x spacing in brinjal and 50 x 60 cm in chilli.
l°30′0''N−	90°0'0"E	90°30'0"E 91	0'0"E 91°30'0"E	Irrigate immediately after transplanting. 24*30'0"N 24*30'0
Ton	mato/Capsicum	Transplanting	South American tomato leaf miner Damping off	 Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_i n_NE_India.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting.



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Mustard/ Rapeseed	Maturity/Harvesting	Harvest the crop on sunny day by cutting at the
	and the second of	base with sickle preferably in the morning hours.
		The harvested crop should be stacked in threshing
		floor for 5-6 days before threshing.
		• After harvesting, seeds must be sun dried for 4-5
		days.
Pineapple	Harvesting	Maturity indices:
Ттепрре	(NovApril)	1) Colour change is the most common method of
	(1 to v. 1 ipin)	determining the maturity of fruits.
		a) For long distance transportation: Fully
		mature fruits just before colour change.
		b) Canning purpose: Slight colour change at
		the base of fruit.
		a) Table numace Davidone estisfactory
	C & R	uniform golden yellow colour
90°0'0''E	90°30'0"E 91	About 25% of the eyes at the base are
	The state of the s	becoming flat.
°80'0"N-		3) Method of harvesting: Harvesting is done with
0.014		a sharp knife, severing the fruit-stalk with a clean
		cut retaining 5-7 cm of stalk without damage to the
		fruit.
	New plantation	Land preparation and layout in double row planting
	ASSAM	system.
Khasi Mandarin	Harvesting	Harvest along with stalk.
Knasi Wandarin	Trai vesting	
53	Jan Jasan	• To prevent bird damage of Khasi Mandarin fruit use
600	RESURELIVARA XVI ARKUTTA	bird netting or use traditional methods of bird
DADE CARE	Nursery	control.
1	SONGSAN RONGRIG	• Provide shade and protect the newly grafted plants
2 [New plantation	from rain.
"BO'O"N-	new plantation	Layout in square planting/terrace and pit digging.
0.5	WES	TIGHASIHILLS
Gauva	Nursery	Patch budding of improved cultivars on local
DALL	THE GARO HILLS	rootstock.
	ECHNIANA	Apply FYM in tree basin (25 kg/tree).
		and the state of t
Strawberry	Fruiting stage	Removal of dry cell and diseased infected leaves
5°0'0''N-		and fruits.
		• Harvest fruit at pink or ¾ colour stage. Pick berries
		with cap (calyx) along the stem 1-2 inches from
		calyx.
Animal Sciences	AB.	SCALE 1: 1,350,000
		nal houses & if required clean the same.
	-	Fordish about the serviced out

Preparation of silage from available green fodder should be carried out.

Corona (Covid 19) Advisory

- If you (public) have fever, cough and difficulty breathing symptoms, please consult a physician in nearby hospitals.
- Don't get panic Covid19 will not get transmitted through any foods of animal origin (meat, milk, egg, etc.).
- Maintain hand and cough hygiene.

Poultry	All stages	• Brooder management should be ensured by providing heat source 2 watt/chicks electric bulb. 7-10 square inches space/chicks.
		 Maintain hygiene and sanitation in poultry shed.
		• Cover the shed with sack or plastic sheets at night
		time.
		• Ensure proper ventilation during day time.



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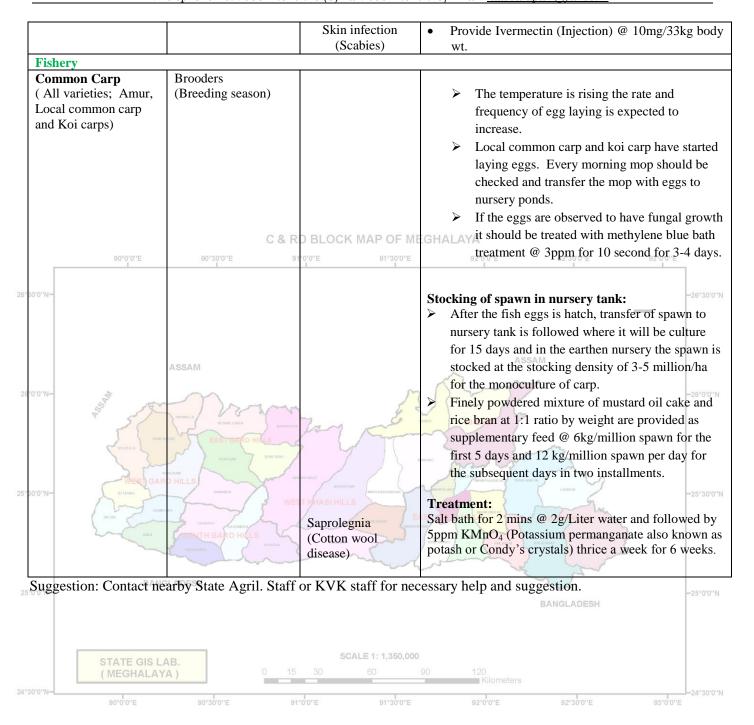
				drinking water daily	3 complex @ 7ml/litre in in broiler for healthy growth. f litter material and keep them
				Litter materials show thickness and stirre lime to avoid caking	
				every day.	ng water and change the water
				should be immediate	
				for any	e dropings of the poultry birds diseases symptom(Blood
		C & R	D BLOCK MAP OF ME		newcastle disease or ranikhet
	90°0'0''E	90°30'0"E 91	°0'0"E 91°30'0"E	disease on 5 th (4-7 th)) day 1 day oculonasal. Repeat
6°30'0''N			Coccidiosis	on 28 th day and agai	
			(Symptoms:	1 2	sh and clean drinking water. tic like Amprolium @ 25-65
			blood/mucus in		day as a preventive measure
			feaces)	against coccidiosis.	day as a preventive measure
		ASSAM	Ranikhet disease		ltry birds with F1/ Lasota
26°0'0''N		ASSAIVI	~		the age of 4-7 days old and 35
	ggery	All stages	8		and clean drinking water.
	Sales II	TRIMERLA NESUSELIMBA RHARRUTTA	Tan poe	• Feed should be l	kept dry to avoid possible
	Carreny ?	ROHGENG	7	poisoning (aflatoxin Vaccinate all newly	y born piglets against swine
	Man GAR	HORAM DHILLS	ouronos /	fever at the age of	3 months followed by annual
25°30'0''N	- BETASHG	SAMARIIA	T ICHASI HILLS	booster dose.	ccinate 6 months old pigs with
	CAMEL-		/ maxima } E	FMD vaccine once i	
	DALIS	THE GARO HILLS	Summer of the state of the stat		on in piglet to prevent from
		CASHADADA	NAME OF THE PARTY		ng 1 st week of age (0.5-1 ml
	BANG	LADESH			bendazole @ 5-10 mg/kg body
25°0'0''N	-		Deworming	weight once and rep	
				DAIL	nals should be dewormed 2-3
				_	nptoms of piglet anemia pale
	STATE GIS LA		SCALE 1: 1,350,000	cuases membrar	
	(MEGHALAY.	0 15	30 60	diarrhea, wrinkle of	
24°30'0''N	90°0'0"E	90°30'0"E 91	0'0"E 91°30'0"E	Pig production cycle	92°30'0"E 93°0'0"E
				Parameters	Measures
				Service of sows	2 or 3 times AI or Natural
					service boar
				Farrowing	114 days
				Weaning	3-4 weeks
				Sow commences heat	1 week after weaning
				Weaner to slaughter	20-24 weeks (growing and finishing) 60-100 Kg
					n 21 days. Breed the animals
				when in peak heat period	I (i.e. 12 to 24 hrs of heat).



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

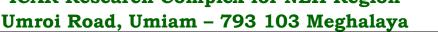


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ICAR Research Complex for NEH Region





Dated: 13/03/2020

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RC (AE)/30/2011/ Bulletin/March'2020/99

Agro Advisory Bulletin - East Garo Hills (Period 14th – 18th March, 2020)

Weather forecast valid up to 18th March, 2020.

There is possibility of 1.0 mm rainfall for the next five days. Maximum Temp: 22-27°C, Minimum Temp: 16-17°C, Cloud cover: sky will be partly cloudy to mainly cloudy i.e. 3-5 Okta, Maximum RH: 53-77%, Minimum RH: 27-56%, Wind speed: 4 Kmph, Wind direction: Northeast-Southeast.

General Advisories:

- Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers.
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days

₂₀Main Crop	Stage	Pest/Diseases	Agricultural Advisories -26°30'0"N
Pea	Pod filling/ Harvesting		 Severely infected plants should be removed from field and burn it. Harvest the fully developed pods in early morning.
Brinjal/Chilli 26°0'0"N- 25°30'0"N-	Nursery raising/ Transplanting BANGLABESH BANGLABESH BANGLABESH BANGLABESH BANGLABESH	Damping off MONOGRADI WEST INHASI HILLS RONGER KANNER	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli. Irrigate immediately after transplanting.
(ME	Transplanting E GIS LAB. GHALAYA) O'E 90'30'0'E	South American tomato leaf miner 15 30 60 Damping off	 Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery (Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_NE_I ndia.html Avoid excess irrigation to control from damping off diseases. Transplant one month old seedling at 50 x 50 cm spacing in evening. Irrigate immediately after transplanting.
Mustard/ Rapeseed Pineapple	Maturity/Harvesting Harvesting		 Harvest the crop on sunny day by cutting at the base with sickle preferably in the morning hours. The harvested crop should be stacked in threshing floor for 5-6 days before threshing. After harvesting, seeds must be sun dried for 4-5 days. Maturity indices:



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	(Nov April)		1) 61 1 1 1 1 1
Khasi Mandarin	New plantation Harvesting	C & RD BLOCK MAP	 Colour change is the most common method of determining the maturity of fruits. a) For long distance transportation: Fully mature fruits just before colour change. b) Canning purpose: Slight colour change at the base of fruit. c) Table purpose: Develops satisfactory uniform golden yellow colour 2) About 25% of the eyes at the base are becoming flat. 3) Method of harvesting: Harvesting is done with a sharp knife, severing the fruit-stalk with a clean cut retaining 5-7 cm of stalk without damage to the fruit. Land preparation and layout in double row planting system. Harvest along with stalk. To prevent bird damage of Khasi Mandarin fruit use bird
26°30'0"N-	Nursery New plantation		 netting or use traditional methods of bird control. Provide shade and protect the newly grafted plants from rain. Layout in square planting/terrace and pit digging.
Gauva	Nursery		 Patch budding of improved cultivars on local rootstock. Apply FYM in tree basin (25 kg/tree).
Strawberry	Fruiting stage	AND THE PROPERTY OF THE PROPER	 Removal of dry cell and diseased infected leaves and fruits. Harvest fruit at pink or ¾ colour stage. Pick berries with cap (calyx) along the stem 1-2 inches from calyx.
\$ 236.7 AA	c) have fever, cough an		aptoms, please consult a physician in nearby hospitals.
 Maintain har 	nd and cough hygiene.	ROHORA RAMSOR	y foods of animal origin (meat, milk, egg, etc.).



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			again on 9 th week.
		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
		Trainmet disease	drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages	C & RD BLOCK MA	 Ensure proper feed and clean drinking water. Feed should be kept dry to avoid possible poisoning (aflatoxin). Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.
26°30'0"N=	90°00°E 90°30°0°E	91°0'0"E	Iron supplementation in piglet to prevent from piglet anaemia during 1 st week of age (0.5-1 ml IM/SC) repeat The 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. The pregnant animas should be dewormed 2-3 weeks
26°0'0"N-	ASSAM TOTALLA TO THE PARTY OF T	Deworming	 prior to farrowing. Most common symptoms of piglet anemia pale cuases membrane, roughness of hair, diarrhea, wrinkle of skin.
	SANTALA SANTALAN SANT	O HISES	Pig production cycle Parameters Service of sows 2 or 3 times AI or Natural
25°30'0"N-	GARRIGIE GARRIG	WEST ISHA SI HILLS MONICA MARKOR	Farrowing 114 days 25 300 N Weaning 3-4 weeks Sow commences heat 1 week after weaning Weaner to slaughter 20-24 weeks (growing and
25°0'0''N=	BANGLADESH		Sow come to heat once in 21 days. Breed the animals when in peak heat period (i.e. 12 to 24 hrs of heat).
		Skin infection (Scabies)	Provide Ivermectin (Injection) @ 10mg/33kg body wt. 1350 000
Fishery	STATE GIS LAB.	0 15 30 60	90 120
Common Carp (All varieties; Amur, Local common carp an Koi carps)	Brooders (Breeding season)	91°0'0"E	The temperature is rising the rate and frequency of egg laying is expected to increase. Local common carp and koi carp have started laying eggs. Every morning mop should be checked and
			transfer the mop with eggs to nursery ponds. If the eggs are observed to have fungal growth it should be treated with methylene blue bath treatment @ 3ppm for 10 second for 3-4 days.
			Stocking of spawn in nursery tank: After the fish eggs is hatch, transfer of spawn to nursery tank is followed where it will be culture for 15 days and in



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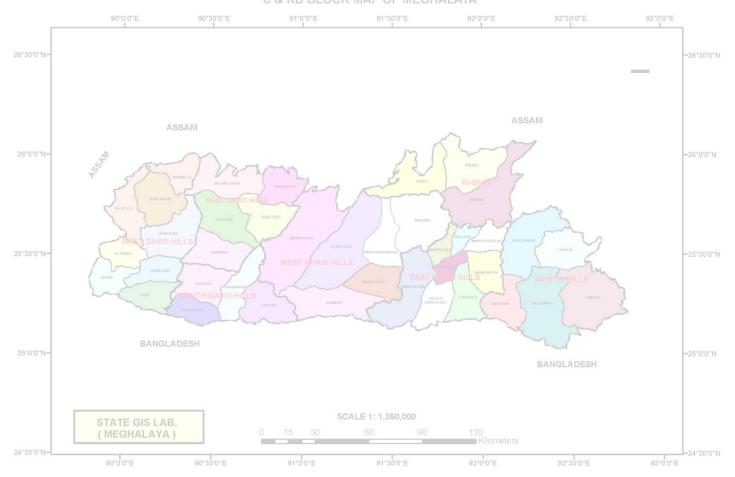
☎: Telephone No.: 0364 2570276 (O) Fax: 0364 2570213/Email: <u>iaasbarapani@yahoo.in</u>

the earthen nursery the spawn is stocked at the stocking density of 3-5 million/ha for the monoculture of carp.

Finely powdered mixture of mustard oil cake and rice bran at 1:1 ratio by weight are provided as supplementary feed @ 6kg/million spawn for the first 5 days and 12 kg/million spawn per day for the subsequent days in two installments.

Treatment:
Salt bath for 2 mins @ 2g/Liter water and followed by 5ppm KMnO₄ (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks.

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





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



Dated: 13/03/2020

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RC (AE)/30/2011/ Bulletin/March'2020/99

Agro Advisory Bulletin – EAST JAINTIA HILLS (Period 14th – 18th March, 2020)

Weather forecast valid up to 18th March, 2020

There is possibility of 2.0 mm rainfall for the next five days. Maximum Temp: 25-27°C, Minimum Temp: 16-17°C, Cloud cover: sky will be mainly cloudy to cloudy i.e. 5-8 Okta, Maximum RH: 63-86%, Minimum RH: 39-56%, Wind speed: 4-7 Kmph, Wind direction: North-Southeast.

General Advisories:

26°30'0"N

- > Take precaution from pest & diseases.
- Repair bunds, shoulder bunds and risers.
- Removal of dry cell and diseased infected leaves and fruits from strawberry.

Agro meteorological Advisories for coming 5 days

Main	Crop	Stage	Pest/Diseases	Agricultural Advisories
Pea 26°0'0"N-	Mr.	Pod filling/ Harvestingsam		 Severely infected plants should be removed from field and burn it. Harvest the fully developed pods in early morning.
Brinjal/C 25°30'0"N-	Chilli &	Nursery raising/ Transplanting EAST OF MARKET CHE CHARGE CHARGE CHE CHARGE	Damping off ASI HILLS	 Nursery seed bed preparation of 1 m width and length as per convenience and 15 cm above the ground. Beds to be ploughed and mixed with FYM @ 4 kg/m² and levelled it properly. Seed treatment with Trichoderma or Pseudomonas @ 2-4 kg of seed before sowing. Avoid excess irrigation to control from damping off diseases. Sow the seed in line at 5 cm spacing and irrigate immediately. Varieties of Brinjal: Arka Nidhi, Arka Nilkant and Arka Anand. Varieties of Chilli: Pusa Jwalla, Kashi Anmol, ArkaLohit. Transplant one month old seedling at 50 x 60 cm spacing in brinjal and 50 x 60 cm in chilli.
Tomato/0	Capsicum	Transplanting	South American tomato leaf	 Irrigate immediately after transplanting. Monitor the incidence of South American tomato leaf miner & destroy the infested leaves at initial stages in the nursery
24°30'0"N⊸	(M	TE GIS LAB. EGHALAYA)	miner 15 30 91'00"E Damping off	(Damage symtoms may be verified from link) http://www.kiran.nic.in/New_Invasive_Pest_Alert_in_NE_Indi a.html • Avoid excess irrigation to control from damping off diseases. • Transplant one month old seedling at 50 x 50 cm spacing in evening. • Irrigate immediately after transplanting.
Mustard/ Rapeseed		Maturity/Harvesting		 Harvest the crop on sunny day by cutting at the base with sickle preferably in the morning hours. The harvested crop should be stacked in threshing floor for 5-6 days before threshing. After harvesting, seeds must be sun dried for 4-5 days.
Pineapple	e	Harvesting (NovApril)		Maturity indices: 1) Colour change is the most common method of determining



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			the maturity of fruits.
			a) For long distance transportation: Fully mature fruits
			just before colour change.
			b) Canning purpose: Slight colour change at the base of
			fruit.
			c) Table purpose: Develops satisfactory uniform
			golden yellow colour
			2) About 25% of the eyes at the base are becoming flat.
			3) Method of harvesting: Harvesting is done with a sharp
			knife, severing the fruit-stalk with a clean cut retaining 5-7 cm
			of stalk without damage to the fruit.
	New plantation		Land preparation and layout in double row planting system.
Khasi Mandarin	Harvesting		Harvest along with stalk.
			• To prevent bird damage of Khasi Mandarin fruit use bird
		C & RD BLOCK N	netting or use traditional methods of bird control.
	90°Nursery 90°30'0"E	91°0'0"E	Provide shade and protect the newly grafted plants from rain.
	New plantation		Layout in square planting/terrace and pit digging.
201201011N	- · · · · · · · · · · · · · · · · · · ·		Layout in square planting/terrace and pit digging.
26°30'0"N=	77		
Gauva	Nursery		Patch budding of improved cultivars on local rootstock.
			Apply FYM in tree basin (25 kg/tree).
Strawberry	Fruiting stage		Removal of dry cell and diseased infected leaves and fruits.
	ASSAM		• Harvest fruit at pink or ³ / ₄ colour stage. Pick berries with cap
26°0'0"N-			(calyx) along the stem 1-2 inches from calyx.
Animal Sciences	at the same of the	and a	(cutyx) drong the stern 1 2 menes from cutyx.
Allina Sciences	5 58 1 1/3	The state of the s	
Check forPreparateCorona (Corona)	or build <mark>up of insect nests i</mark> ion <mark>of silage from available vid 19) Advisory</mark>	e green fodder should b	The same of the sa
• Check for Preparate Corona (Corona (or build up of insect nests i ion of silage from available vid 19) Advisory oublic) have fever, cough a et panic – Covid19 will not	e green fodder should be nd difficulty breathing get transmitted through	e carried out.
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		Ranikhet disease		irds with F1/ Lasota vaccine (1 drop) old and 35 days old through eye and
Piggery	All stages Do	eworming RB BLOCK M	 Ensure proper feed and of Feed should be kept (aflatoxin). Vaccinate all newly born of 3 months followed by In endemic areas, vaccinate once in a year. Iron supplementation in during 1st week of age (0). Deworm pigs by albeit appropriate and repeat after 2. The pregnant animals to farrowing. 	n piglets against swine fever at the age y annual booster dose. cinate 6 months old pigs with FMD piglet to prevent from piglet anaemia 0.5-1 ml IM/SC) repeat after 14 days. ndazole @ 5-10 mg/kg body weight
26°30'0"N-				of hair, diarrhea, wrinkle of skin.
			Pig production cycle	
			Parameters	Measures
	ASSAM		Service of sows	2 or 3 times AI or Natural
	200-20		E a C	service boar
26°0'0"N-	and the same	T man	Farrowing Weaning	114 days -2000"N 3-4 weeks
* 50	THUMBLA	A ATTERNATION AND AND AND AND AND AND AND AND AND AN	Sow commences heat	1 week after weaning
	BARENGERI EASTGERO H	in s	Weaner to slaughter	20-24 weeks (growing and
25°30'0"N-	ACOURTAGE CAMADITA CAMAD	WEST MASI HILLS Skin infection (Scabies)	peak heat period (i.e. 12 to 2	finishing) 60-100 Kg I days. Breed the animals when in 3000 No. 24 hrs of heat).
Fishery		(Beables)	The state of the s	
Common Carp Brooders ADESH				
(All varieties; (Bree	eding season)		> The temperature is:	rising the rate and frequency of egg
Amur, Local			laying is expected to	o increase.
common carp and			Local common carp	o and koi carp have started laying
Koi carps)	LAB.	SCAL		ng mop should be checked and
(MEGHAL		0 15 30	Kilometers	th eggs to nursery ponds.
24°30′0"N-				rved to have fungal growth it should
90'0'0"E	90°30'0"E	91°0′0″E		hylene blue bath treatment @ 3ppm
			for 10 second for 3-	-4 days.
			is followed where it will earthen nursery the spaw 3-5 million/ha for the median Finely powdered mixture.	tch, transfer of spawn to nursery tank I be culture for 15 days and in the vn is stocked at the stocking density of



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	Saprolegnia (Cotton wool disease)	spawn per day for the subsequent days in two installments. Treatment: Salt bath for 2 mins @ 2g/Liter water and followed by 5ppm KMnO ₄ (Potassium permanganate also known as potash or Condy's crystals) thrice a week for 6 weeks.

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

C & RD BLOCK MAP OF MEGHALAYA

