

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



Dated: 19/05/2017

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

RC (AE)/30/2011/ Bulletin/May'2017/13

Agro Advisory Bulletin – East Garo Hills (Period 20th – 24th May, 2017)

Weather summery of the past five days

Weather forecast valid up to 24th May, 2017

Sky was partly cloudy with 30.0mm rainfall. Maximum temperatures ranged between 27-31°C and minimum ranged between 18-20°C. Relative humidity was 92-95% in morning and 50-57% in evening. Wind speed ranged between: 4-5kmph.

The possibility of Rainfall is 32.0mm for the next five days. Maximum Temp: 28-31°C, Minimum Temp: 19-21°C, Cloud cover: sky will be mainly cloudy i.e. 3-4 Okta, Maximum RH: 92-94%, Minimum RH: 50-56%, Wind speed: 4-5 Kmph, Wind direction: Eastern.

C & RD BLOCK MAP OF Weekly cumulative rainfall: 32.0mm

Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

Main Crop/ Animal	ASSAM Stage	Pest/Diseases	Agricultural Advisories
2600 /Fisheries	~~	m ()	-26°0′0″N
Sali/Kharif Rice	Nursery/Main field preparation preparation PASTESTICO HIGHS SOURCEAST PROPERTY OF THE STANDARD P	MOUNTAIN AMERICA MOUNTAIN FAMILIA MOUNTAIN FAM	Nursery preparation Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient
25°0'0"N- STATE GIS (MEGHAL 24°30'0"N- 90°0'0"E	LAB. AYA)	SCALE 1: 1,350,000 30 60 90 70'0"E 91°30'0"E	for transplanting of 1ha). • Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation • Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy
Maize High & Mid altitude Region Bottle Gourd	Emergence/ Knee high stage Emergence/ Plant		 rain in the previous days, farmers should start ploughing of their main field. Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. Mulching with locally available materials like
	establishment stage		straw, grasses may be done to reduce





			T	Ι
				evaporation loses.
				Support of bamboo structure for climbing
Ash Canad	9. D	Emaganas/Dlant		upward may be raised for proper growth.
Ash Gourd	& Pumpkin	Emergence/ Plant establishment stage		Mulching with locally available materials like
		estaonsiment stage		straw, grasses may be done to reduce evaporation loses.
				Support of bamboo structure for climbing
				upward may be raised for proper growth.
Brinjal/Chil	lli	Plant establishment to		Apply urea @108 kg/ha after hand weeding
		vegetative stage		at 30DAT. Provide mulching materials like
				straw, grasses, etc to reduce evaporation loses.
Ginger/Tur	meric	Seed bed		Select sandy loam type of soil for cultivation.
		preparation/Sowing	D BLOCK MAP OF MEGHAL	AYA Farmers are advised to make raised bed of
	90°0'0"E	90°30'0"E 9	1°0'0"E 91°30'0"E	size 1m width, 15cm height and of
			1-1	convenient length and channels for draining
26°30'0''N-				excess rain water.
26 30 0 N				After field preparation HYV's "Of the field preparation of the field preparation of the field preparation in the field preparation of the field preparation in the field preparation of the field preparation in the fie
				ginger/turmeric like Turmeric: Lakadong,
				RCT-, Megha Turmeric-1; Ginger: Nadia, Poona, Riodegenerio, etc. should be planted.
				 Seed rate*/Turmeric: 2000-2500kg/ha.
		ASSAM	,	Ginger: 1400-1600 Kg/ha
26°0'0"N-	4.		~ 5	Before sowing treat the seed rhizomes with
200011	ESEM ELAND	En 1 Joseph Mary	, , ,	Indofil M -45 or Captaf @ 0.3% & plant at a
	× 5/	HENNELLA RESUBELIVARA RESURENTE	Trans _ Co mans	spacing of 25cm x 25-30cm and turmeric at
	5 }	BADENGORI EASTGARO HILLS	The state of the s	40-45cm X 25cm.
	Z SELECTIVE S	SONGSAN PROMOTING	MARKAGE 3	• Complete sowing before 20 th April.
	7 5	ROBGRAM	3	• Mulch the sown bed of ginger for soil and
25°30'0"N-	BETASING	BARO HILLS	MODESTON MANAGERABINAN AND TRANSPORTATION	water conservation, and also to reduce weed
	12	GAMIFGRE WE	1	growth. Mulching materials like green
	CHEAN S	CHOKPOT BACHMARA	MINISTERINA EAST	leaves, dry grass, paddy straw etc. may be
TD 4	DAL DAL	THE GARO HILLS	RAHROR SHOLAGARIJ	used.
Tomato		Transplanting to early	I de la company	• Transplant of seedlings of age 25-30 days old
		vegetative growth		in beds at a spacing of 75× 45cm in the evening & irrigate immediately.
25°0'0"N-	В	ANGLADESH		 Apply 86 kg/ha urea (1/3 N), 375kg SSP &
				83kg MOP as basal dose either just before
				transplanting or 5-10 days after transplanting.
				Apply the remaining 2/3 N (86 kg/ha urea) at
	STATE GIS	LAB.	SCALE 1: 1,350,000	20 and 45 DAT.
	(MEGHAL		30 60 90	• Gap filling has to be done at 7th day after
24°30'0"N-				transplanting -24°30'0"N
Khasi Mand	darin 90°0'0"E	90°30'0"E 91	1°0'0"E 91°30'0"E	92°0'0"E 92°30'0"E 93°0'0"E
				Application of Bordeaux mixture on tree
				trunk must be completed before the rain
				occurring.
				Control of leaf miner by spraying Ekalux (1.5 m/l) on pay flush
			Powdery Mildew	(1.5m/l) on new flush.
			1 owdery Mildew	Spray Sulfex E 2.5 g/litre of water during flush.
				Nutrient application:
				Apply 30kg FYM/Tree
			Ī	
				• 650 g Urea: 1220 g SSP: 450 g MOP/tree.



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Animal Sciences			
Poultry	All stages	D BLOC Coccidiosis/IEGHAL	 Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom.
	C & F		wotor
56,30,0,.N=	90°30′0″E 9	*0'0"E 91*30'0"E	Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	ASSAM All stages	man EN	 Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.
MINITA	SONGERAS BONGERG	Skin infection	 Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age. Provide Ivermectin (Injection) @ 10mg/33kg
25°30'0"N-	GARO HILLS	MONGSTON MONTHADITABIHAN AMAPIKANG	body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis EAST	• Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
25°0'0"N-	BANGLADESH	Foot & Mouth Disease, Haemorrhagic Septicaemia, Black	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery		Quarter	BANGLADESH
Common carp	Fry stage/Advance fry		Fry stocking
STATE G (MEGHA	IS LAB.	SCALE 1: 1,350,000 30 60 90	Once Common carp fry attained (5-6cm) 120 it can be harvest and transferred to
Major Com Minor Com	Brooders	10,0,E 81,20,0,E	rearing ponds24°30'0'N Brood stock maintenance
Major Carp/Minor Carp	Diodeis		 Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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



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Agro Advisory Bulletin – EAST JAINTIA HILLS (Period 20th – 24th May, 2017)

Weather forecast valid up to 24th May, 2017

The possibility of Rainfall is 19.0mm for the next five days. Maximum Temp: 28-30°C, Minimum Temp: 18-20°C, Cloud cover: sky will be mainly cloudy i.e. 2-5 Okta, Maximum RH: 92-93%, Minimum RH: 43-52%, Wind speed: 2 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 19.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

	drainage in the crop fic		
Main Crop/	Stage	Pest/Diseases	Agricultural Advisories
Animal /Fisheries	ASSAM		st and
Sali/Kharif Rice	Nursery/Main field	1	Nursery preparation -28°0'0"N
F.55	preparation	m &	• Start preparing raised nursery bed of size 10m (length) ×
	RESURELIMAN EN	Ten Ten	$1.25m$ (width) \times 10cm (height) with 30cm wide channel
SELSEILA	PARENCONI EAST GARO HIALS	of Will	between the two seed beds. Apply cow dung or compost
1	SONGERM T ROMGEN	171	@10-15kg/seed bed plus a starter dose of urea 80g, SSP
	GARO HILLS	Management /	225g, MOP 40g per seed bed. Sow HYV's like
25°30'0"N-	SAMAHUA SAMAHUA	MONGSTON MANTHAD RAISHAN	Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri,
1 / h	CAMBI-CITE CAMBI-CITE	WEST KHASI HILLS	Manipuri, etc maintaining a seed rate of 650-1000g/ bed
2	CHOKPOT	A summer of	(Nursery area of 500-600 sqm. is sufficient for
	BALL GARO HILLS	NAMES AND A STATE OF THE STATE	transplanting of 1ha).
	- Aller	I what I	Before sowing seeds should be treated with Mancozeb
	BANGLADESH		@ 2.5g/litre or Bavistin 50WP @ 2g/l with water for
25°0'0"N-	DANOLADEON		24hr to protect the crop from blast, Sheath blight, brown
			spot, sheath rot, etc.
			Main field preparation
			• Penair old hunds by maintaining 20.30 cm height in
	BIS LAB.	SCALE 1: 1,350,00	lowland and 15-20 cm in upland. As sufficient moisture
(MEGH	ALAYA)	15 30 60	is available due to heavy rain in the previous days,
24°30'0"N-	000000000	04 00 00 11	farmers should start ploughing of their main field.
Maize	Emergence/ Knee	31 33 2	Weeding, top dressing of urea @ 44kg/ha for HYV and
High & Mid altitude	high stage		33Kg for local varieties followed by earthing up should
Region			be done at 30-40 DAG. Mulches like straw, grasses can
			be provided in between the rows to reduce evaporation
	- /		loses of moisture.
Bottle Gourd	Emergence/ Plant		Mulching with locally available materials like straw,
	establishment stage		grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may have ited for groups and the second for groups.
A als Count 0	E-mong / Dl		be raised for proper growth.
Ash Gourd & Pumpkin	Emergence/ Plant establishment stage		Mulching with locally available materials like straw,
ı umpkili	establishment stage		grasses may be done to reduce evaporation loses. • Support of bamboo structure for climbing upward may
			• Support of bamboo structure for climbing upward may be raised for proper growth.
	<u> </u>	<u> </u>	De raiseu foi proper growth.





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Brinjal/Chilli	Plant establishment to vegetative stage		 Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Seed bed preparation/Sowing	RD BLOCK MAP OF N	 Select sandy loam type of soil for cultivation. Farmers are advised to make raised bed of size 1m width, 15cm height and of convenient length and channels for draining excess rain water. After field preparation HYV's of ginger/turmeric like Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger: Nadia, Poona, Riodegenerio, etc. should be planted. Seed rate- Turmeric: 2000-2500kg/ha. Ginger: 1400-1600 Kg/ha Before sowing treat the seed rhizomes with Indofil M -
90°0'0	90°30'0"E	91°0'0"E 91°30'0"E	• Complete sowing before 20 th April.
26°30'0"N-			Mulch the sown bed of ginger for soil and water conservation, and also to reduce weed growth. Mulching materials like green leaves, dry grass, paddy straw etc. may be used.
Tomato	Transplanting to early		• Transplant of seedlings of age 25-30 days old in beds at
	vegetative growth		a spacing of 75× 45cm in the evening & irrigate
26°0'0"N-	INDIVIDADA ATTEMPO HILLS	The state of the s	immediately. Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP as basal dose either just before transplanting or 5-10 days after transplanting. Apply the remaining 2/3 N (86 kg/ha urea) at 20 and 45 DAT.
Spring Potato	Early vegetative stage		Gap filling has to be done at 7th day after transplanting
25°30'0"N-	CAMELORE CHOSCOSI CHOSCO	WEST ISHA SI HILLS RANKOR RANKOR	Earthing up is to be done at 25 days after planting (stolon formation stage). Depending upon the soil moisture status and availability of irrigation facility, farmers are advised to follow the irrigation schedule as follow: 1st irrigation: 25-30 DAS; 2nd irrigation: 60 DAS; 3rd irrigation: 80 DAS
Khasi Mandarin			BANGLADESH
STATE	GIS LAB. HALAYA)	SCALE 1: 1,350,00 15 30 60 91*00"Powdery 91*30""E Mildew	 Application of Bordeaux mixture on tree trunk must be completed before the rain occurring. Control of leaf miner by spraying Ekalux (1.5m/l) on new flush. Spray Sulfex E 2.5 g/litre of water during flush. Nutrient application: Apply 30kg FYM/Tree 650 g Urea: 1220 g SSP: 450 g MOP/tree.
Animal Sciences Poultry	All stages		Protect moultany houses for an entering wind be
1 Julie y	All stages		 Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately





			removed.
			Regularly inspect the dropings of the poultry birds for any diseases symptom.
		Coccidiosis	Provide plenty of fresh and clean drinking water.
			• Provide coccidiostatic like Amprolium @ 25-65 mg/kg
			feed once a day as a preventive measure against
			coccidiosis.
		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1
			drop) at the age of 4-7 days old and 35 days old through
Diagona	All stages		eye and nostril.
Piggery	All stages		• Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.
			 In epidemic areas, vaccinate 6 months old pigs with
	0.0	DD DLOCK MAD OF A	77.67
	C 8		• Iron supplementation in piglet to prevent from piglet
90°0'0"	90°30'0"E	91°0'0"E 91°30'0"E	anaemia during 1 st week of age.
		Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with <i>Brucella abortus</i>
			cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	• Undertake regular immunization of cattle & buffaloes
		Disease,	against Foot & Mouth disease, Haemorrhagic
	ASSAM	Haemorrhagic	septicaemia & Black Quarter.
26°0'0''N-		Septicaemia, Black Quarter	-26°0'0"N
Fishery	19 Thomas	Quarter	- MANO
Common carp	Fry stage/Advance fry	Trans part	Fry stocking
SELSELLA	EAST GARO HIALS	of Will	Once Common carp fry attained (5-6cm) it can be
1	SONGSAN 7 RONGEN	/ 7 /	harvest and transferred to rearing ponds.
M · C AC	RONGRAM NAARO FILLS		/ Iwanes
Major Carp/Minor Carp	Brooders	WEST KHASI HILLS	Brood stock maintenance
Carp	CAMILEGRE STATE OF THE STATE OF	WEST MIASI MILLS	Provide sufficient feed to the brooder for proper egg
2~2	DALIN CHOKPOT BACHMARA	A suncernit from	development (Rice bran, mustard oil cake, fish
	CESSANUA HOMORA	RAHROR	meal, minerals & vitamins).
	- white	- June	• Regular monitoring of PH and dissolved oxygen.
	BANGLADESH		
Suggestion: Contact ne	arby State Agril Staff of	r KVK staff for naces	sary help and suggestion NGLADESH
Suggestion. Contact no	carby State Agrif. Staff of	I K v K starr for necess	sary neip and suggestion.
		SCALE 1: 1,350,00	00
	GIS LAB. ALAYA)	15 30 60	
24°30′0"N-			Kilometers –24*30'0"N
90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E	



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RC (AE)/30/2011/ Bulletin/May'2017/13

(MEGHALAYA)

Maize

Region

Bottle Gourd

Ash Gourd &

Pumpkin

High & Mid altitude

Emergence/ Knee

Emergence/ Plant

establishment stage

Emergence/ Plant

establishment stage

high stage

Agro Advisory Bulletin – EAST KHASI HILLS (Period 20th – 24th May, 2017)

Weather forecast valid up to 24th May, 2017

The possibility of Rainfall is 27.0mm for the next five days. Maximum Temp: 24-27°C, Minimum Temp: 13-15°C, Cloud cover: sky will be mainly cloudy i.e. 3-6 Okta, Maximum RH: 89-92%, Minimum RH: 44-47%, Wind speed: 3-4 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 27.0mm C & RD BLOCK MAP OF MEGHALAYA 92°30'0"E Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ **Agricultural Advisories** Stage Pest/Diseases **Animal /Fisheries** Sali/Kharif Rice Nursery/Main field Nursery preparation preparation Start preparing raised nursery bed of size 10m (length) × 1.25 m (width) \times 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb BANGLADESH @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation SCALE 1: 1,350,0 STATE GIS LAB.

- Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field.
- Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture.
- Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses.
- Support of bamboo structure for climbing upward may be raised for proper growth.
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	<u> </u>	<u> </u>	
			• Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	Plant establishment to		 Apply urea @108 kg/ha after hand weeding at 30DAT.
Dinijan Cinin	vegetative stage		Provide mulching materials like straw, grasses, etc to
			reduce evaporation loses.
Ginger/Turmeric	Seed bed		Select sandy loam type of soil for cultivation. Farmers
8	preparation/Sowing		are advised to make raised bed of size 1m width, 15cm
			height and of convenient length and channels for
			draining excess rain water.
			After field preparation HYV's of ginger/turmeric like
			Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger:
			Nadia, Poona, Riodegenerio, etc. should be planted.
			• Seed rate- Turmeric: 2000-2500kg/ha.
	C	& RD BLOCK MAP OF I	
90°0'0	E 90°30'0"E	91°0'0"E 91°30'0"	Before sowing treat the seed rhizomes with Indofil M - 45 or Captaf @ 0.3% & plant at a spacing of 25cm x
			25-30cm and turmeric at 40-45cm X 25cm.
26°30'0"N-			Complete sowing before 20 th April. -26°300°N
			Mulch the sown bed of ginger for soil and water
			conservation, and also to reduce weed growth.
			Mulching materials like green leaves, dry grass, paddy
	ASSAM		straw etc. may be used.
Tomato	Transplanting to early		• Transplant of seedlings of age 25-30 days old in beds at
28°0'0"N-	vegetative growth		a spacing of 75× 45cm in the evening & irrigate
43	THEOREM / NOT THE	W &	immediately.
	NAME NAMED IN COLUMN ASSESSMENT OF THE PARTY	LEA KING	• Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
SELSELLA	Some make	7 4	as basal dose either just before transplanting or 5-10 days after transplanting. Apply the remaining 2/3 N (86
7	SONGSAM SONGSAM	/ / / / /	kg/ha urea) at 20 and 45 DAT.
	GARO HILLS	MONOSTON	• Gap filling has to be done at 7th day after transplanting
Spring Potato	Early vegetative stage	WEST KHASI HILLS	- Cup tilling has to be done at 7th day after transplanting
SPILLS I WAS A	CHOKPO1	I macona S	• Earthing up is to be done at 25 days after planting
2-0	DALII STATTH GARO HILLS	RAHBOR	(stolon formation stage). Depending upon the soil
	T Cestavata	I made	moisture status and availability of irrigation facility,
			farmers are advised to follow the irrigation schedule as
25°0'0"N-	BANGLADESH		follow:
Control of the second			1 st irrigation: 25-30 DAS; 2 nd irrigation: 60 DAS; 3 rd
			irrigation: 80 DAS
Khasi Mandarin			
	GIS LAB.	SCALE 1: 1,350,0	T F
(MEGH	ALAYA)	15 30 60	completed before the rain occurring.
24°30'0"N-	90°30'0"E	91°0'0"E 91°30'0"	• Control of leaf miner by spraying Ekalux (1.5m/l) on
90.00	90 30 0 E	91 00 E 91 30 0 I	new flush. • Spray Sulfex E 2.5 g/litre of water during flush.
		Powdery	Spray Suriex E 2.3 g/little of water during flush.
		Mildew	Nutrient application:
			Apply 30kg FYM/Tree
			• 650 g Urea: 1220 g SSP: 450 g MOP/tree.
Animal Sciences			
Poultry	All stages		Protect poultry houses from extreme wind by covering
			with polythene sheets on the sheds.
			Provide vitamin B complex @ 7ml/litre in drinking victor deily in brailer for bookley growth
			water daily in broiler for healthy growth.Litter should be changed periodically and provide clean
	<u> </u>	<u> </u>	Litter should be changed periodically and provide clean



STATE GIS LAB.

(MEGHALAYA)

90°30'0"E

90°0'0"E

GRAMIN KRISHI MAUSAM SEWA

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



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Diseased and dead birds should be immed removed. Regularly inspect the dropings of the poultry bird any diseases symptom. Coccidiosis Regularly inspect the dropings of the poultry birds with FI/ Lasota water. Provide plentry of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 feed once a day as a preventive measure a coccidiosis. Ranikhet disease Vaccinate the poultry birds with FI/ Lasota vace drop) at the age of 4-7 days old and 35 days old the eye and nostril. Vaccinate all newly born piglets against swine feed the age of 3 months followed by annual booster doe in eye and nostril. Skin infection			duinting and about a the content and a
Regularly inspect the dropings of the poultry bin any diseases symptom. Coccidiosis Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprollum @ 25-65 in feed once a day as a preventive measure a coccidiosis. Ranikhet disease Piggery All stages All stages All stages Piggery All stages All stages All stages Piggery All stages All stag			biscased and dead birds should be immediately
Coccidiosis Ranikhet disease Vaccinate the poultry birds with F1/ Lasota vacc drop) at the age of 4-7 days old and 35 days old the eye and nostril. Vaccinate all newly born piglets against swine fer the age of 3 months followed by annual booster does in epidemic areas, vaccinate 6 months old pigs FMD vaccine once in a year. Iron supplementation in piglet to prevent from anaemia during 1st week of age. Skin infection Skin infection Provide previous with F1/ Lasota vacc drop) at the age of 4-7 days old and 35 days old the eye and nostril. Vaccinate all newly born piglets against swine fer the age of 3 months followed by annual booster does in epidemic areas, vaccinate 6 months old pigs FMD vaccine once in a year. Iron supplementation in piglet to prevent from anaemia during 1st week of age. Provide vaccinate 6-9 months old calves with Brucella at cotton strain-19 @ 5ml subcutaneous on the neck undertakened by against Foot & Mouth disease, Haemon septicaemia, & Black Quarter. Fishery Common carp Fry stage/Advance fry Once Common carp fry, attained (5-6cm) it car harvest and transferred to rearing ponds. Brood stock maintenance Provide sufficient feed to the brooder for prope development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).			Regularly inspect the dropings of the poultry birds for
Piggery All stages Piggery Piggery All stages Piggery All stages Piggery All stages Piggery Piggery All stages Piggery Piggery All stages Piggery All stages Piggery Piggery All stages Piggery Piggery Piggery All stages Piggery Piggery Piggery All stages Piggery All stages Piggery		Cognidicais	
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Cattle & Buffaloes 6-9 months calves Fishery Common carp Fry stage/Advance fry Campon Carp/Minor Carp Fry stage/Advance fry Carp Frovide system in part of the age of 3 months followed by annual booster doe in a pear. In epidemic areas, vaccinate 6 months old pigs FMD vaccine once in a year. In on supplementation in piglet to prevent from anaemia during 1st week of age. Skin infection Provide Ivermectin (Injection) @ 10mg/33kg body. Vaccinate 6-9 months old calves with Brucella at cotton strain-19 @ 5ml subcutaneous on the neck under the provide supplement (Rice bran, mustard oil cake, fish meal, minerals & vitamins).			drop) at the age of 4-7 days old and 35 days old through
• In epidemic areas, vaccinate 6 months old pigs FMD vaccine once in a year. • Iron supplementation in piglet to prevent from anaemia during 1st week of age. Skin infection • Provide Ivermectin (Injection) @ 10mg/33kg body • Vaccinate 6-9 months old calves with Brucella at cotton strain-19 @ 5ml subcutaneous on the neck ASSAM Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter Fishery Common carp Fry stage/Advance fry Against Foot & Mouth disease, Haemorr septicaemia & Black Quarter. Fry stocking Once Common carp fry attained (5-6cm) it car harvest and transferred to rearing ponds. Major Carp/Minor Carp Major Carp/Minor Carp Brooders - Provide sufficient feed to the brooder for propodevelopment (Rice bran, mustard oil cake, fish meal, minerals & vitamins).	Piggery All st	tages	vaccinate an newly born projets against swine rever a
Fishery Cattle & Buffaloes 6-9 months calves Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter Fry stocking Once Common carp Fry stage/Advance fry Major Carp/Minor Carp Brooders Carp FMD vaccine once in a year. Iron supplementation in piglet to prevent from anaemia during 1st week of age. Provide Ivermectin (Injection) @ 10mg/33kg body Vaccinate 6-9 months old calves with Brucella all cotton strain-19 @ 5ml subcutaneous on the neck against Foot & Mouth disease, Haemorrhagic Septicaemia, Black Quarter. Fry stocking Once Common carp fry attained (5-6cm) it car harvest and transferred to rearing ponds. Brood stock maintenance Provide sufficient feed to the brooder for propodevelopment (Rice bran, mustard oil cake, fish meal, minerals & vitamins).		C & RD BLOCK MAP O	
Skin infection Provide Ivermectin (Injection) @ 10mg/33kg body Vaccinate 6-9 months old calves with Brucella all cotton strain-19 @ 5ml subcutaneous on the neck Septicaemia, Black Septicaemia, Black Quarter Fishery Fry stage/Advance fry Fry stage/Advance fry	90°0'0'E 90°	'30'0"E 91°0'0"E 91°30	• In epidemic areas, vaccinate 6 months old pigs with
ASSAM Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter Fishery Common carp Fry stage/Advance fry Major Carp/Minor Carp Brooders Assam Fry stage/Advance fry Brooders Assam Fry stage/Advance fry Brooders Carp Assam Fry stage/Advance fry Brooders Assam Fry stage/Advance fry Assam Fry stage/Advance fry Assam Fry stage/Advance fry Fry stage/Advance fry Assam Fry stage/Advance fry Fry stage/Advance fry Assam Fry stage/Advance fry Fry stage/Advance fry Fry stage/Advance fry Fry stocking Once Common carp fry attained (5-6cm) it car harvest and transferred to rearing ponds. Brood stock maintenance Provide sufficient feed to the brooder for proped development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).			,
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Fishery Common carp Fry stage/Advance fry Major Carp/Minor Carp Brooders Carp Cotton strain-19 @ 5ml subcutaneous on the neck Undertake regular immunization of cattle & buf against Foot & Mouth disease, Haemorn septicaemia & Black Quarter. Fry stocking Once Common carp fry attained (5-6cm) it car harvest and transferred to rearing ponds. Brood stock maintenance Provide sufficient feed to the brooder for prope development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).			Travitative interior (injection) & roing song body with
Disease, Haemorrhagic Septicaemia, Black Quarter Fishery Common carp Fry stage/Advance fry Once Common carp fry attained (5-6cm) it car harvest and transferred to rearing ponds. Major Carp/Minor Brooders Carp Brood stock maintenance Provide sufficient feed to the brooder for prope development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).	Cattle & Buffaloes 6-9 mont		vaccinate of months of carves with Brucesta aborti
Haemorrhagic Septicaemia, Black Quarter Fry stocking Once Common carp fry attained (5-6cm) it car harvest and transferred to rearing ponds. Major Carp/Minor Carp Brood stock maintenance Provide sufficient feed to the brooder for proper development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).	ASSAM		Chaertane regular miniamzation of cattle & barrance
Common carp Fry stage/Advance fry Once Common carp fry attained (5-6cm) it car harvest and transferred to rearing ponds. Major Carp/Minor Carp Brooders Carp Brooders Provide sufficient feed to the brooder for proped development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).			
Common carp Fry stage/Advance fry Major Carp/Minor Carp Brooders Carp Brooders Carp Brooders Brooders Carp Carp Brooders Carp	26°0'0"N-		sepitcaetilia & Black Quarter.
Common carp Fry stage/Advance fry Once Common carp fry attained (5-6cm) it car harvest and transferred to rearing ponds. Major Carp/Minor Carp Brood stock maintenance Provide sufficient feed to the brooder for prope development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).	THE THE STATE OF T	The state of the s	
Common carp Fry stage/Advance fry Once Common carp fry attained (5-6cm) it car harvest and transferred to rearing ponds. Major Carp/Minor Carp Brooders Carp Provide sufficient feed to the brooder for proper development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).	DATEHDON	Quarter	DANIES .
Major Carp/Minor Carp Brooders Carp Brooders Provide sufficient feed to the brooder for proped development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).		RONG # G	A Long
Major Carp/Minor Carp Brooders Carp Carp Brooders Carp Carp Brooders Carp Carp Carp Brooders Carp Carp	ROBGRAM	Ivance Iry	
Major Carp/Minor Carp Brood stock maintenance Provide sufficient feed to the brooder for propodevelopment (Rice bran, mustard oil cake, fish meal, minerals & vitamins).		MODESTON MODESTON	LASKEIII
Provide sufficient feed to the brooder for proper development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).	25 300 N	WEST KHASI HILLS	harvest and transferred to rearing ponds.
development (Rice bran, mustard oil cake, fish meal, minerals & vitamins).		or Language Language	Brood stock maintenance
meal, minerals & vitamins).	Carp	GARO HILLS	Provide sufficient feed to the brooder for proper egg
meal, minerals & vitamins).	CASSIANANA	3	development (Rice bran, mustard oil cake, fish
PANCI ADESH			
	BANGLADESH		Regular monitoring of PH and dissolved oxygen.
Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.	KOSHECOTE OCHHEL	anil Staff on VVV staff for non	

SCALE 1: 1,350,000

91°30'0"E

91°0'0"E

120 Kilometers

92°0'0"E



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



Dated: 19/05/2017

Mulching with locally available materials like straw,

Mulching with locally available materials like straw,

grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may

grasses may be done to reduce evaporation loses.

be raised for proper growth.

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

RC (AE)/30/2011/ Bulletin/May'2017/13

establishment stage

Emergence/ Plant

establishment stage

Ash Gourd &

Pumpkin

Agro Advisory Bulletin - NORTH GARO HILLS (Period 20th – 24th May, 2017)

Weather forecast valid up to 24th May, 2017

The possibility of Rainfall is 37.0mm for the next five days. Maximum Temp: 28-31°C, Minimum Temp: 18-20°C, Cloud cover: sky will be mainly cloudy i.e. 4-5 Okta, Maximum RH: 92-93%, Minimum RH: 44-48%, Wind speed: 3-4 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 37.0mm C & RD BLOCK MAP OF MEGHALAYA 91°30'0"E 92°30'0"E Agro meteorological Advisories for coming 5 days ASSAM • Make proper drainage in the crop fields Main Crop/ Stage Pest/Diseases Agricultural Advisories **Animal /Fisheries** -26°0'0"N Sali/Kharif Rice Nursery/Main field Nursery preparation preparation • Start preparing raised nursery bed of size 10m (length) × 1.25 m (width) \times 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). BANGLADESH Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation SCALE 1: 1,350,0 STATE GIS LAB. Repair old bunds by maintaining 20-30 cm height in (MEGHALAYA) lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Maize Emergence/ Knee Weeding, top dressing of urea @ 44kg/ha for HYV and High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Emergence/ Plant





Г		T		1 ~
				Support of bamboo structure for climbing upward may
D		D1		be raised for proper growth.
Brinjal/Chilli		Plant establishment to		Apply urea @108 kg/ha after hand weeding at 30DAT. Provide guideling guardericle library areas at the first provide guideling at the second sec
		vegetative stage		Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turme	mia	Seed bed		 Select sandy loam type of soil for cultivation. Farmers
Ginger/Turine	er ic	preparation/Sowing		are advised to make raised bed of size 1m width, 15cm
		preparation so wing		height and of convenient length and channels for
				draining excess rain water.
				After field preparation HYV's of ginger/turmeric like
				Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger:
				Nadia, Poona, Riodegenerio, etc. should be planted.
				Seed rate- Turmeric: 2000-2500kg/ha.
		C	RD BLOCK MAP OF	MEGHALAYA Ginger: 1400-1600 Kg/ha
	90°0'0'	E 90°30'0"E	91°0'0"E 91°30'0"E	• Before sowing treat the seed rhizomes with Indofil M -
		30 30 0 E	37302	45 or Captaf @ 0.3% & plant at a spacing of 25cm x
				25-30cm and turmeric at 40-45cm X 25cm.
26°30'0"N-				• Complete sowing before 20 th April.
				Mulch the sown bed of ginger for soil and water
				conservation, and also to reduce weed growth.
				Mulching materials like green leaves, dry grass, paddy
TD 4		ASSAM Transplanting to confe		straw etc. may be used.
Tomato		Transplanting to early		• Transplant of seedlings of age 25-30 days old in beds at
26 0 0 N=	18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	vegetative growth	an s	a spacing of 75× 45cm in the evening & irrigate immediately.
	F 5	THE FORELA RESUREL FARA	The second	 Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
	5	BARENGORI EASTGARO HILLS	The same of the sa	as basal dose either just before transplanting or 5-10
	Carsery	SONGER RONGE	7 4	days after transplanting. Apply the remaining 2/3 N (86
	3	PONGRAM A		kg/ha urea) at 20 and 45 DAT.
25°30'0"N=	DETASHS	GARO HILLS	MODESTOR SMANTHAD RASHAM	• Gap filling has to be done at 7th day after transplanting
Khasi Mandaı	rin/_	GAMES CAF	WEST KHASI HILLS	
	70K7AH 5	CHOKPOT JAGHMARA	La Lamana La	Application of Bordeaux mixture on tree trunk must be
	1	DALL STATTH GARO HILLS	RAHROR	completed before the rain occurring.
		CERTANALA	I made	• Control of leaf miner by spraying Ekalux (1.5m/l) on
				new flush.
25°0'0"N-		BANGLADESH	D. 1	Spray Sulfex E 2.5 g/litre of water during flush. P20 00 IN P20 00 IN Page 10 IN
10,245,500,500,000			Powdery Mildew	BANGLADESH
			Mildew	Nutrient application:
				Apply 30kg FYM/Tree SEP 450 - MOP/Control
	STATE	GIS LAB.	SCALE 1: 1,350,0	• 650 g Urea: 1220 g SSP: 450 g MOP/tree.
Animal Science		ALAYA)	15 30 60	90 120 Kilometers
Poultry		All stages		Protect poultry houses from extreme wind by covering
1 outry	90°0'0"E	71110301503	91°0'0"E 91°30'0"E	with polythene sheets on the sheds.
				Provide vitamin B complex @ 7ml/litre in drinking
				water daily in broiler for healthy growth.
				• Litter should be changed periodically and provide clean
				drinking water and change the water every day.
				• Diseased and dead birds should be immediately
				removed.
				• Regularly inspect the dropings of the poultry birds for
				any diseases symptom.
			Coccidiosis	 Provide plenty of fresh and clean drinking water.
				Provide coccidiostatic like Amprolium @ 25-65 mg/kg
				feed once a day as a preventive measure against
				coccidiosis.



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>

		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		 Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic 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.
		Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
90°0′°	C (Foot & Mouth RD B Disease, AP OF I Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes EGHagainst Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. S3000 E
Fishery		Çivin 112	-26"30'0"N
Common carp	Fry stage/Advance fry		 Fry stocking Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders		Brood stock maintenance
Carp 00"N-	PARENCE HAS EASTORO HIS.	The state of the s	Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.
Suggestion: Contact n	earby State Agril. Staff o	r KVK staff for neces	sary help and suggestion.
25°30'0"N-	CAMBIDA COMOZIO COM	WEST KHASI HILLS RANGOG	AND THE STATE OF T
25°0'0"N-	BANGLADESH	SCALE 1: 1,350,0	BANGLADESH -25°0'0"N
	GIS LAB. HALAYA)	15 30 60	90 120 Kilometers

90°30'0"E

91°0'0"E

91°30'0"E

92°0'0"E

92°30'0"E

90°0'0"E



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



Dated: 19/05/2017

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

RC (AE)/30/2011/ Bulletin/May 2017/13

Agro Advisory Bulletin - Ri-Bhoi (Period 20th – 24th May, 2017)

Weather summery of the past four days

Weather forecast valid up to 24th May, 2017

Sky was mainly cloudy with 22.6mm of rainfall. Maximum temperatures ranged between 26.3-29.2°C and minimum ranged between 14.5-17.0°C. Mean relative humidity was 88-89% in morning and 41-48% in evening. Wind speed ranged between 2-3 kmph. C & RD BLOCK MAP OF

The possibility of Rainfall is 23.0mm for the next five days. Maximum Temp: 29.0-31.0°C, Minimum Temp: 17.0-20.0°C, Cloud cover: sky will be mainly cloudy i.e. 4-5 Okta, Maximum RH: 90-93%, Minimum, RH: 38-44%, Wind speed: 2-3 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 23.0mm

Agro meteorological Advisories for coming 5 days

91°0'0"E

 Make proper drainage in the crop fields Main Crop/ Stage Pest/Diseases Agricultural Advisories **Animal /Fisheries** Sali/Kharif Rice Nursery/Main field Nursery preparation preparation Start preparing raised nursery bed of size 10m $(length) \times 1.25m$ (width) \times 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). ANGLADESH Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. STATE GIS LAB. Main field preparation AYAI Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient 91°30'0"E moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Maize Emergence/ Knee Weeding, top dressing of urea @ 44kg/ha for High & Mid altitude high stage HYV and 33Kg for local varieties followed by Region earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Emergence/ Plant Mulching with locally available materials like establishment stage straw, grasses may be done to reduce evaporation

loses.

Support of bamboo structure for climbing upward





			may be raised for proper growth.
Ash Gourd &	Emergence/ Plant		Mulching with locally available materials like
Pumpkin	establishment stage		straw, grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	Plant establishment to vegetative stage		Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw,
			grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Seed bed preparation/Sowing		• Select sandy loam type of soil for cultivation. Farmers are advised to make raised bed of size 1m width, 15cm height and of convenient length and channels for draining excess rain water.
		D BLOCK MAP OF ME	After field preparation HYV's of ginger/turmeric like Turmeric: Lakadong, RCT-, Megha Turmeric-
90°0'0"E	90°30'0"E	1°0'0"E 91°30'0"E	1; Ginger: Nadia, Poona, Riodegenerio, etc.
26°30'0"N-			should be planted. • Seed rate- Turmeric: 2000-2500kg/ha. Ginger: 1400-1600 Kg/ha
			Before sowing treat the seed rhizomes with Indofil M -45 or Captaf @ 0.3% & plant at a
	ASSAM		spacing of 25cm x 25-30cm and turmeric at 40-45cm X 25cm.
26°0'0"N-	an Maria	1	• Complete sowing before 20 th April.
\$ 5 m	THE MORE LAND A REPORT OF THE PARTY OF THE P	Trans - E	• Mulch the sown bed of ginger for soil and water conservation, and also to reduce weed growth.
SELSELLA	DATE NO.	STATE OF THE STATE	Mulching materials like green leaves, dry grass, paddy straw etc. may be used.
Tomato	Transplanting to early		Transplant of seedlings of age 25-30 days old in
25°30'0"N-	Vegetative growth WI ANGLADESH	MODIFICATION MODIFICATION MODIFICATION OF THE PROPERTY OF THE	 beds at a spacing of 75× 45cm in the evening & irrigate immediately. Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP as basal dose either just before transplanting or 5-10 days after transplanting. Apply the remaining 2/3 N (86 kg/ha urea) at 20 and 45 DAT.
25°0'0"N=			• Gap filling has to be done at 7th day after transplanting
Spring Potato	Early vegetative stage		
STATE GI (MEGHAI	70.00 PM	SCALE 1: 1,350,000	• Earthing up is to be done at 25 days after planting (stolon formation stage). Depending upon the soil moisture status and availability of irrigation facility, farmers are advised to follow the
90°0°0″E	90"30"0"E £	1-0'0"E 91°30'0"E	irrigation schedule as follow: 1 st irrigation: 25-30 DAS; 2 nd irrigation: 60 DAS; 3 rd irrigation: 80 DAS
Khasi Mandarin			
		Davide MCII	 Application of Bordeaux mixture on tree trunk must be completed before the rain occurring. Control of leaf miner by spraying Ekalux (1.5m/l) on new flush. Spray Sulfex E 2.5 g/litre of water during flush.
		Powdery Mildew	Nutrient application: • Apply 30kg FYM/Tree



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



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			• 650 g Urea: 1220 g SSP: 450 g MOP/tree.
Animal Sciences			
Poultry	All stages	D BLOCK MAP OF ME	 Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. 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 changed the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds SHAL for any diseases symptom.
90°0'0"E	90°30'0"E	19000E Coccidiosis 3000E	 Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery 26'0'0"N-	ASSAMAII stages	Jan &	 Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. Iron supplementation in piglet to prevent from
25"30"0"N-	SONGEAS RONGEAS AROCHILLS EMARKEA	Skin infection	piglet anaemia during 1st week of age. Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with <i>Brucella</i> abortus cotton strain-19 @ 5ml subcutaneous on the neck
25°0'0"N=	ANGLADESH	Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. BANGLADESH Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Common carp STATE GIS (MEGHAL 24'30'0"N- 90'0'0"E	Fry stage/Advance fry	SCALE 1: 1,350,000 30 60 9	Fry stocking Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders	XVV staff for nacessar	Brood stock maintenance Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen.

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: 19/05/2017

92°30'0"E

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

RC (AE)/30/2011/ Bulletin/May'2017/13

Agro Advisory Bulletin – SOUTH GARO HILLS (Period 20th – 24th May, 2017)

Weather forecast valid up to 24th May, 2017

The possibility of Rainfall is 29.0mm for the next five days. Maximum Temp: 28-31°C, Minimum Temp: 19-21°C, Cloud cover: sky will be mainly cloudy i.e. 4-5 Okta, Maximum RH: 92-95%, Minimum RH: 54-64%, Wind speed: 6-7 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 29.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Main Crop/ Animal /Fisheries	ASS. Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice 25°30'0"N-	Nursery/Main field THE PROPERTY OF THE PROPER	MODESTON MOD	 Nursery preparation Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc.
(MEGH	GIS LAB. ALAYA)	SCALE 1: 1,350,0 15 30 60	lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days,
Maize High & Mid altitude Region	Emergence/ Knee high stage	91°0'0"E 91°30'0"I	 farmers should start ploughing of their main field. Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture.
Bottle Gourd	Emergence/ Plant establishment stage		 Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Emergence/ Plant establishment stage		 Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may





				be raised for proper growth.
Brinjal/Chi	lli	Plant establishment to		Apply urea @108 kg/ha after hand weeding at 30DAT.
3		vegetative stage		Provide mulching materials like straw, grasses, etc to
				reduce evaporation loses.
Ginger/Tur	meric	Seed bed		Select sandy loam type of soil for cultivation. Farmers
		preparation/Sowing		are advised to make raised bed of size 1m width, 15cm
				height and of convenient length and channels for
				draining excess rain water.
				After field preparation HYV's of ginger/turmeric like
				Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger:
				Nadia, Poona, Riodegenerio, etc. should be planted.
				• Seed rate- Turmeric: 2000-2500kg/ha.
				Ginger: 1400-1600 Kg/ha
		C	RD BLOCK MAP OF I	Before sowing treat the seed rhizomes with Indofil M - 45 or Captaf @ 0.3% & plant at a spacing of 25cm x
	90.0,0,	E 90°30'0"E	91°0'0"E 91°30'0"	25-30cm and turmeric at 40-45cm X 25cm.
				• Complete sowing before 20 th April.
26°30'0"N-				Mulch the sown bed of ginger for soil and water
				conservation, and also to reduce weed growth.
				Mulching materials like green leaves, dry grass, paddy
				straw etc. may be used.
Tomato		Transplanting to early		Transplant of seedlings of age 25-30 days old in beds at
		vegetative growth		a spacing of 75× 45cm in the evening & irrigate
26°0'0"N-	N.		.)	immediately28°0'0"N
	A SS WILLIAM	The state of the s	m &	• Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
	500	RESURELIVARA	Ten For	as basal dose either just before transplanting or 5-10
	SELSELLA	BASTOR HILLS	25 W	days after transplanting. Apply the remaining 2/3 N (86
	1	SONGEAR 7 RONGE	1 7 1	kg/ha urea) at 20 and 45 DAT.
	- A	CARO HILLS	Margarinas /	Gap filling has to be done at 7th day after transplanting
Khasi Mand	darin	SAMAHUA	WEST KHASI HILLS	LASKEH -25°30'0"N
	1 min	GAMILEGRE J	WEST WINSTILLS	Application of Bordeaux mixture on tree trunk must be
	2nd	BALL CHOKPOT BAGHMARA	4	 completed before the rain occurring. Control of leaf miner by spraying Ekalux (1.5m/l) on
		I CASHAMAIA ROHORA	HAHROR	new flush.
		white	- Designation	 Spray Sulfex E 2.5 g/litre of water during flush.
		BANGLADESH	Powdery	Spray Suriex E 2.5 g nate of water during flush.
25°0'0''N-			Mildew	Nutrient application: ADESH
				Apply 30kg FYM/Tree
				• 650 g Urea: 1220 g SSP: 450 g MOP/tree.
			COALE 4: 4 250 C	
Animal Scie	ences STATE	GIS LAB.	-15 30 60	. 00 120
Poultry 24°30'0"N-	(IVILOTI	All stages		Protect poultry houses from extreme wind by covering
24 30 0 N-L	90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"	with polythene sheets on the sheds.
				Provide vitamin B complex @ 7ml/litre in drinking
				water daily in broiler for healthy growth.
				Litter should be changed periodically and provide clean drinking water and change the water every day.
				 Diseased and dead birds should be immediately
				removed.
				 Regularly inspect the dropings of the poultry birds for
				any diseases symptom.
			Coccidiosis	Provide plenty of fresh and clean drinking water.
			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Provide coccidiostatic like Amprolium @ 25-65 mg/kg
				feed once a day as a preventive measure against
			İ	coccidiosis.



90°0'0"E

90°30'0"E

91°0'0"E

91°30'0"E

92°0'0"E

GRAMIN KRISHI MAUSAM SEWA



		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		Vaccinate all newly born piglets against swine fever at
			the age of 3 months followed by annual booster dose.
			• In epidemic areas, vaccinate 6 months old pigs with
			FMD vaccine once in a year.
			Iron supplementation in piglet to prevent from piglet anaemia during 1 st week of age.
		Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	Undertake regular immunization of cattle & buffaloes
	C		EGHagainst Foot & Mouth disease, Haemorrhagic
90°0	.0.E 80.30.0E	Haemorrhagic 1030'0"	septicaemia & Black Quarter.
		Septicaemia, Black	
Fishery		Quarter	-26°30'0"N
Common carp	Fry stage/Advance fry		Fry stocking
Common carp	Try stage/Advance my		
			Once Common carp fry attained (5-6cm) it can be beginned and type of a region and a
M : C M:	ASSAM		harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance
Carp.o.o.N=	En Maria	an }	Provide sufficient feed to the brooder for proper egg
F.	THINKILLA NESURELINGA	The same of	development (Rice bran, mustard oil cake, fish
5	BASTORRO HILLS	they bear	meal, minerals & vitamins).
Cara	ILA SONOSAI SONOS	7 4	Regular monitoring of PH and dissolved oxygen.
Suggestion: Contact	nearby State Agril. Staff o	or KVK staff for neces	sary help and suggestion.
25°30'0"N-	HEST GARO HILLS	MONGSTON MANTHAD RABINAL	STATE OF THE STATE
(Am	CAMILEGRE	WEST KHASI HILLS	25501
ZIKZAK S	CHOKPOT LACHMARA	La Lamana &	EAST JAINT STHILLS
L-(BALL SHORE	RAHBOR	SHELLA PROGRESSA ANAJOSA SELEDERI
	COMMUNICA	I make	de the state of th
	2410142201		and the same
25°0'0"N-	BANGLADESH		-25°0'0"N
			BANGLADESH
	E GIS LAB.	SCALE 1: 1,350,0	
(MEG	HALAYA)	15 30 60	90 120 Kilometers
24°30′0″N-			-24°30'0"N



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



Dated: 19/05/2017

92°30'0"E

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

RC (AE)/30/2011/ Bulletin/May'2017/13

Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 20th – 24th May, 2017)

Weather forecast valid up to 24th May, 2017

The possibility of Rainfall is 36.0mm for the next five days. Maximum Temp: 29-31°C, Minimum Temp: 22-23°C, Cloud cover: sky will be mainly cloudy i.e. 3-5 Okta, Maximum RH: 91-93%, Minimum RH: 52-62%, Wind speed: 4-5 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall: 36.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —

Make proper drainage in the crop fields

Main Crop/	Ass.Stage	Pest/Diseases	Agricultural Advisories
Animal /Fisheries	Assionage	1 COV DIOCAGO	Agricultural Advisories
Sali/Kharif Rice 25°30'0"N-	Nursery/Main field PROPERTY PROPERTY AND THE SECOND PROPERTY OF THE	WEST KHASI HILLS RANGOR RANGOR	Nursery preparation Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown
(MEGH	GIS LAB. ALAYA)	SCALE 1: 1,350,0	lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days,
90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E	farmers should start ploughing of their main field.
Maize High & Mid altitude Region	Emergence/ Knee high stage		• Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture.
Bottle Gourd	Emergence/ Plant establishment stage		 Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Emergence/ Plant establishment stage		 Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may





				be raised for proper growth.
Brinjal/Ch	nilli	Plant establishment to		Apply urea @108 kg/ha after hand weeding at 30DAT.
3		vegetative stage		Provide mulching materials like straw, grasses, etc to
				reduce evaporation loses.
Ginger/Tu	ırmeric	Seed bed		Select sandy loam type of soil for cultivation. Farmers
		preparation/Sowing		are advised to make raised bed of size 1m width, 15cm
				height and of convenient length and channels for
				draining excess rain water.
				After field preparation HYV's of ginger/turmeric like
				Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger:
				Nadia, Poona, Riodegenerio, etc. should be planted.
				Seed rate- Turmeric: 2000-2500kg/ha. Oliver 1,000 1,000 Nr. iii
				Ginger: 1400-1600 Kg/ha
		C	& RD BLOCK MAP OF I	Before sowing treat the seed rhizomes with Indofil M -
	90,0,0,	E 90°30'0"E	91°0'0"E 91°30'0"	45 or Captaf @ 0.3% & plant at a spacing of 25cm x 25-30cm and turmeric at 40-45cm X 25cm.
				 Complete sowing before 20th April.
26°30'0"N-				Mulch the sown bed of ginger for soil and water
				conservation, and also to reduce weed growth.
				Mulching materials like green leaves, dry grass, paddy
				straw etc. may be used.
Tomato		Transplanting to early		Transplant of seedlings of age 25-30 days old in beds at
		vegetative growth		a spacing of 75× 45cm in the evening & irrigate
26°0'0"N-	N.			immediately28°0'0"N
	85 M	De Jack	m &	Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
	5-5	RESURELIVARA	Ten Land	as basal dose either just before transplanting or 5-10
	SELSELLA	BARENGONI EASTGARO HILLS	as WITT	days after transplanting. Apply the remaining 2/3 N (86
	1	SONGSAN 7 RONGS	1 7 1	kg/ha urea) at 20 and 45 DAT.
	- A	CARO HILLS	Marcarana /	Gap filling has to be done at 7th day after transplanting
Khasi Mai	ndarin	SAMAHUA	WEST KHASI HILLS	LASKIN -25°30'0"N
	T MEAN	GAMIFEGRE	WEST WINSTILLS	Application of Bordeaux mixture on tree trunk must be
	2	DALIN CHOKPOT BACHMARA	4	 completed before the rain occurring. Control of leaf miner by spraying Ekalux (1.5m/l) on
		CESHAPANA ROPORA	KAHROR	new flush.
		- Aller	- Designation	Spray Sulfex E 2.5 g/litre of water during flush.
		BANGLADESH	Powdery	Spray Suriex E 2.5 g nue of water during flush.
25°0'0"N-			Mildew	Nutrient application: ADESH
				Apply 30kg FYM/Tree
				• 650 g Urea: 1220 g SSP: 450 g MOP/tree.
			COALE 4-4 250 0	
	iences STATE	ALAVA U	- 15 30 60	r 00 120
Poultry 24°30'0"N-	(MEOI)	All stages		Protect poultry houses from extreme wind by covering
24 00 0 14 =	90°0'0"E	90°30'0''E	91°0'0"E 91°30'0"E	with polythene sheets on the sheds.
				Provide vitamin B complex @ 7ml/litre in drinking The state of the state
				water daily in broiler for healthy growth.
				Litter should be changed periodically and provide clean drinking water and change the water every day.
				 Diseased and dead birds should be immediately
				removed.
				Regularly inspect the dropings of the poultry birds for
				any diseases symptom.
			Coccidiosis	Provide plenty of fresh and clean drinking water.
				Provide coccidiostatic like Amprolium @ 25-65 mg/kg
				feed once a day as a preventive measure against
				coccidiosis.



90°0'0"E

90°30'0"E

91°0'0"E

91°30'0"E

92°0'0"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>

		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		Vaccinate all newly born piglets against swine fever at
			the age of 3 months followed by annual booster dose.
			• In epidemic areas, vaccinate 6 months old pigs with
			FMD vaccine once in a year.
			• Iron supplementation in piglet to prevent from piglet anaemia during 1 st week of age.
		Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	Undertake regular immunization of cattle & buffaloes
	C		EGHagainst Foot & Mouth disease, Haemorrhagic
90°0	'0'E 90°30'0''E	Haemorrhagic 1030'0"	septicaemia & Black Quarter.
		Septicaemia, Black Quarter	
Fishery		Quarter	-26°30'0"N
Common carp	Fry stage/Advance fry		Fry stocking
common carp	11y stage/riavance my		Once Common carp fry attained (5-6cm) it can be
			harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders		Brood stock maintenance
Carp O'O'N	Diooders		Provide sufficient feed to the brooder for proper egg
SE	Land I Johnson	m &	development (Rice bran, mustard oil cake, fish
×	THENDELLA	MAKETTA TOPOS	meal, minerals & vitamins).
2	DADENGONI EASTGARO HILLS	as I for	Regular monitoring of PH and dissolved oxygen.
Suggestion, Contact	nearby State Agril. Staff o	WVV stoff for pages	the same of
Suggestion: Contact	Mearby State Agrii. Stail C	or KVK starr for neces	Sary neip and suggestion.
25°30'0"N-	SAMAHUA SAMAHUA	WEST KHASI HILLS	LADREIN -25°30'0"N
DECAME OF THE PROPERTY OF THE	CAMILEGRE TO S	WEST NHASIHILLS	EAST AND HILL STATE OF THE STAT
200	BALLI CHOKPOT BACHMARA	£ 4	WITHIAM SAINT DE TILLS
	EASURANIA ROBORI	KAHROR	BIOLACAMI PERSONAL AMAJORIA COLUMNICA CAMADONIA
		- Designation	hotel by
	BANGLADESH		
25°0'0''N-			BANGLADESH
			mayatan napasa Tara ta
	5 010 L 4 B	SCALE 1: 1,350,0	100
	E GIS LAB. GHALAYA)	15 30 60	90 120
24°30'0"N-			Kilometers
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ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



Dated: 19/05/2017

Mulching with locally available materials like straw,

Support of bamboo structure for climbing upward may

grasses may be done to reduce evaporation loses.

be raised for proper growth.

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

RC (AE)/30/2011/ Bulletin/May'2017/13

Agro Advisory Bulletin – SOUTH WEST KHASI HILLS (Period 20th – 24th May, 2017)

Weather forecast valid up to 24th May, 2017

The possibility of Rainfall is 28.0mm for the next five days. Maximum Temp: 28-30°C, Minimum Temp: 17-19°C, Cloud cover: sky will be mainly cloudy i.e. 4-5 Okta, Maximum RH: 90-93%, Minimum RH: 50-58%, Wind speed: 5-6 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 28.0mm

C & RD BLOCK MAP OF MEGHALAYA

92°30'0"E Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ Pest/Diseases **Agricultural Advisories** Stage Animal /Fisheries Sali/Kharif Rice Nursery/Main field Nursery preparation Start preparing raised nursery bed of size 10m (length) × preparation 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bayistin 50WP @ 2g/l with water for BANGLADESH 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in SCALE 1: 1,350,0 lowland and 15-20 cm in upland. As sufficient moisture STATE GIS LAB. (MEGHALAYA) is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Weeding, top dressing of urea @ 44kg/ha for HYV and Maize Emergence/ Knee High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Emergence/ Plant Mulching with locally available materials like straw, establishment stage grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth.

Emergence/ Plant

establishment stage

Ash Gourd &

Pumpkin





Brinjal/Chilli	Plant establishment to		Apply urea @108 kg/ha after hand weeding at 30DAT.
Dingui Omn	vegetative stage		Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Seed bed preparation/Sowing	& RD BLOCK MAP OF I	 Select sandy loam type of soil for cultivation. Farmers are advised to make raised bed of size 1m width, 15cm height and of convenient length and channels for draining excess rain water. After field preparation HYV's of ginger/turmeric like Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger: Nadia, Poona, Riodegenerio, etc. should be planted. Seed rate- Turmeric: 2000-2500kg/ha. Ginger: 1400-1600 Kg/ha Before sowing treat the seed rhizomes with Indofil M - EGH 45 or Captaf @ 0.3% & plant at a spacing of 25cm x 25-30cm and turmeric at 40-45cm X 25cm. Complete sowing before 20th April.
26°30'0''N-			 Mulch the sown bed of ginger for soil and water conservation, and also to reduce weed growth. Mulching materials like green leaves, dry grass, paddy straw etc. may be used.
Tomato	Transplanting to early		• Transplant of seedlings of age 25-30 days old in beds at
26°0'0"N-	vegetative growth	Jan Jan	 a spacing of 75× 45cm in the evening & irrigate immediately. Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP as basal dose either just before transplanting or 5-10 days after transplanting. Apply the remaining 2/3 N (86 kg/ha urea) at 20 and 45 DAT. Gap filling has to be done at 7th day after transplanting
Spring Potato 25°30'0"N-	Early vegetative stage CAMBICITY DAME OF THE STATE OF T	WEST ISHA SI HILLS RAIRDA	• Earthing up is to be done at 25 days after planting (stolon formation stage). Depending upon the soil moisture status and availability of irrigation facility, farmers are advised to follow the irrigation schedule as follow: 1st irrigation: 25-30 DAS; 2nd irrigation: 60 DAS; 3rd irrigation: 80 DAS
Khasi Mandarin			BANGLADESH
24°30'0"N— 90°0	GE GIS LAB. GHALAYA) O''E 90°30°0°E	SCALE 1: 1,350,0 15 30 60 91°0°Powdery 91°30°0″ Mildew	 Application of Bordeaux mixture on tree trunk must be completed before the rain occurring. Control of leaf miner by spraying Ekalux (1.5m/l) on new flush. Spray Sulfex E 2.5 g/litre of water during flush. Nutrient application: Apply 30kg FYM/Tree 650 g Urea: 1220 g SSP: 450 g MOP/tree.
Animal Sciences	A 11 .	T	
Poultry	All stages		 Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately



90°0'0"E

90°30'0"E

GRAMIN KRISHI MAUSAM SEWA

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



			removed.
			 Regularly inspect the dropings of the poultry birds for any diseases symptom.
		Coccidiosis	Provide plenty of fresh and clean drinking water.
			• Provide coccidiostatic like Amprolium @ 25-65 mg/kg
			feed once a day as a preventive measure against
			coccidiosis.
		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1
			drop) at the age of 4-7 days old and 35 days old through
7.1	A 11		eye and nostril.
Piggery	All stages		Vaccinate all newly born piglets against swine fever at
			the age of 3 months followed by annual booster dose.
			• In epidemic areas, vaccinate 6 months old pigs with IEGHFMD vaccine once in a year.
	C		- Iron symplementation in miglet to provent from miglet
90°0'	0'E 90°30'0''E	91°0'0"E 91°30'0"	anaemia during 1 st week of age.
000000000000000000000000000000000000000		Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	Vaccinate 6-9 months old calves with Brucella abortus
			cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	• Undertake regular immunization of cattle & buffaloes
		Disease,	against Foot & Mouth disease, Haemorrhagic
	ASSAM	Haemorrhagic	septicaemia & Black Quarter.
	FF9-28 1 520	Septicaemia, Black	
26°0′0′′N-	A MARIA	Quarter	-26°0'0"N
Fishery	THEORY AND THE LANGE AND THE PARTY OF THE PA	AND THE PARTY OF T	RI-DUST
Common carp	Fry stage/Advance fry	Jan Kay	Fry stocking
C serves	LA SONGSAN RONGA	7 4	Once Common carp fry attained (5-6cm) it can be
3	PAROBERAM A	1 1 17	harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	HOWESTOW MANYTHAD RABINAL	Brood stock maintenance
Carp	CAMBEGRE A 3	WEST KHASI HILLS	Provide sufficient feed to the brooder for proper egg
THE AN	CHOKPOT DACHMARA	La Lamon L	development (Rice bran, mustard oil cake, fish
~~(DALIN GARO HILLS	KAHKOR	meal, minerals & vitamins).
	T Gennavan	I make	 Regular monitoring of PH and dissolved oxygen.
Suggestion: Contact r	nearby State April Staff o	or KVK staff for neces	sary help and suggestion.
25°0'0''N=	icanog pangar igin. Stair c	TIVII Stail for neces	-25°0'0"N
			BANGLADESH
STATE	GIS LAB.	SCALE 1: 1,350,0	000
	HALAYA)	15 30 60	90 120 Kilometers
20000000000000			

91°0'0"E

91°30'0"E

92°0'0"E



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



Dated: 19/05/2017

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

RC (AE)/30/2011/ Bulletin/May'2017/13

Agro Advisory Bulletin – WEST GARO HILLS (Period 20th – 24th May, 2017)

Weather forecast valid up to 24th May, 2017

The possibility of Rainfall is 38.0mm for the next five days. Maximum Temp: 29-31°C, Minimum Temp: 19-21°C, Cloud cover: sky will be mainly cloudy i.e. 4-5 Okta, Maximum RH: 95-96%, Minimum RH: 54-64%, Wind speed: 6-7 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 38.0mm

Pumpkin

establishment stage

C & RD BLOCK MAP OF MEGHALAYA

92°30'0"E Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ ASS Stage Pest/Diseases Agricultural Advisories **Animal /Fisheries** Sali/Kharif Rice Nursery/Main field Nursery preparation preparation Start preparing raised nursery bed of size 10m (length) × 1.25m (width) \times 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb BANGLADESH @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in SCALE 1: 1,350,0 STATE GIS LAB. lowland and 15-20 cm in upland. As sufficient moisture (MEGHALAYA) is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Maize Emergence/ Knee Weeding, top dressing of urea @ 44kg/ha for HYV and High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Emergence/ Plant Mulching with locally available materials like straw, establishment stage grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. Ash Gourd & Emergence/ Plant Mulching with locally available materials like straw,

grasses may be done to reduce evaporation loses.

Support of bamboo structure for climbing upward may





				be raised for proper growth.
Brinjal/Chi	lli	Plant establishment to		Apply urea @108 kg/ha after hand weeding at 30DAT.
3		vegetative stage		Provide mulching materials like straw, grasses, etc to
				reduce evaporation loses.
Ginger/Tur	meric	Seed bed		Select sandy loam type of soil for cultivation. Farmers
		preparation/Sowing		are advised to make raised bed of size 1m width, 15cm
				height and of convenient length and channels for
				draining excess rain water.
				After field preparation HYV's of ginger/turmeric like
				Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger:
				Nadia, Poona, Riodegenerio, etc. should be planted.
				• Seed rate- Turmeric: 2000-2500kg/ha.
				Ginger: 1400-1600 Kg/ha
		C	RD BLOCK MAP OF I	Before sowing treat the seed rhizomes with Indofil M - 45 or Captaf @ 0.3% & plant at a spacing of 25cm x
	90.0,0,	E 90°30'0"E	91°0'0"E 91°30'0"	25-30cm and turmeric at 40-45cm X 25cm.
				• Complete sowing before 20 th April.
26°30'0"N-				Mulch the sown bed of ginger for soil and water
				conservation, and also to reduce weed growth.
				Mulching materials like green leaves, dry grass, paddy
				straw etc. may be used.
Tomato		Transplanting to early		Transplant of seedlings of age 25-30 days old in beds at
		vegetative growth		a spacing of 75× 45cm in the evening & irrigate
26°0'0"N-	N.		.)	immediately28°0'0"N
	A SS WILLIAM	The state of the s	m &	• Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
	500	RESURELIVARA	Ten For	as basal dose either just before transplanting or 5-10
	SELSELLA	BASTOR HILLS	25 W	days after transplanting. Apply the remaining 2/3 N (86
	1	SONGSAN 7 RONGA	1 7 1	kg/ha urea) at 20 and 45 DAT.
	- A	CARO HILLS	Margarinas /	Gap filling has to be done at 7th day after transplanting
Khasi Mand	darin	SAMAHUA	WEST KHASI HILLS	LASKEH -25°30'0"N
	1 min	GAMILEGRE J	WEST WINSTILLS	Application of Bordeaux mixture on tree trunk must be
	2nd	BALL CHOKPOT BAGHMARA	4	 completed before the rain occurring. Control of leaf miner by spraying Ekalux (1.5m/l) on
		I CASHAMAIA ROHORA	HAHROR	new flush.
		white	- Designation	 Spray Sulfex E 2.5 g/litre of water during flush.
		BANGLADESH	Powdery	Spray Suriex E 2.5 g nate of water during flush.
25°0'0"N-			Mildew	Nutrient application: ADESH
				Apply 30kg FYM/Tree
				• 650 g Urea: 1220 g SSP: 450 g MOP/tree.
			COALE 4: 4 250 C	
Animal Scie	ences STATE	GIS LAB.	-15 30 60	. 00 120
Poultry 24°30'0"N-	(IVILOTI	All stages		Protect poultry houses from extreme wind by covering
24 30 0 N-L	90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"	with polythene sheets on the sheds.
				Provide vitamin B complex @ 7ml/litre in drinking
				water daily in broiler for healthy growth.
				Litter should be changed periodically and provide clean drinking water and change the water every day.
				 Diseased and dead birds should be immediately
				removed.
				 Regularly inspect the dropings of the poultry birds for
				any diseases symptom.
			Coccidiosis	Provide plenty of fresh and clean drinking water.
			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Provide coccidiostatic like Amprolium @ 25-65 mg/kg
				feed once a day as a preventive measure against
			İ	coccidiosis.



90°0'0"E

90°30'0"E

91°0'0"E

91°30'0"E

92°0'0"E

GRAMIN KRISHI MAUSAM SEWA



		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		Vaccinate all newly born piglets against swine fever at
			the age of 3 months followed by annual booster dose.
			• In epidemic areas, vaccinate 6 months old pigs with
			FMD vaccine once in a year.
			Iron supplementation in piglet to prevent from piglet anaemia during 1 st week of age.
		Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	Undertake regular immunization of cattle & buffaloes
	C		EGHagainst Foot & Mouth disease, Haemorrhagic
90°0	.0.E 80.30.0E	Haemorrhagic 1030'0"	septicaemia & Black Quarter.
		Septicaemia, Black	
Fishery		Quarter	-26°30'0"N
Common carp	Fry stage/Advance fry		Fry stocking
Common carp	Try stage/Advance my		
			Once Common carp fry attained (5-6cm) it can be beginned and type of a region and a
M : C M:	ASSAM		harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance
Carp.o.o.N=	En Maria	an }	Provide sufficient feed to the brooder for proper egg
F.	THEMSELLA NESURELINGA	The same of	development (Rice bran, mustard oil cake, fish
5	BASTORRO HILLS	they bear	meal, minerals & vitamins).
Cara	ILA SONOSAI SONOS	7 4	Regular monitoring of PH and dissolved oxygen.
Suggestion: Contact	nearby State Agril. Staff o	or KVK staff for neces	sary help and suggestion.
25°30'0"N-	HEST GARO HILLS	MONGSTON MANTHAB RABINAL	STATE OF THE STATE
(Am	CAMILEGRE	WEST KHASI HILLS	25501
ZIKZAK S	CHOKPOT LACHMARA	La Lamana &	EAST JAINT STHILLS
L-(BALL SHORE	RAHBOR	SHELLA PROURCEA ANAMAIA RELEIDERT EAPPERC
	COMMUNICA	I make	de the state of th
	2410142201		and the same
25°0'0"N-	BANGLADESH		-25°0'0"N
			BANGLADESH
	E GIS LAB.	SCALE 1: 1,350,0	
(MEG	HALAYA)	15 30 60	90 120 Kilometers
24°30′0″N-			-24°30'0"N



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



Dated: 19/05/2017

Support of bamboo structure for climbing upward may

be raised for proper growth.

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

RC (AE)/30/2011/ Bulletin/May 2017/13

Agro Advisory Bulletin – WEST JAINTIA HILLS (Period 20th – 24th May, 2017)

Weather forecast valid up to 24th May, 2017

The possibility of Rainfall is 23.0mm for the next five days. Maximum Temp: 28-30°C, Minimum Temp: 17-19°C, Cloud cover: sky will be mainly cloudy i.e. 2-3 Okta, Maximum RH: 90-92%, Minimum RH: 41-47%, Wind speed: 2-3 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 23.0mm

C & RD BLOCK MAP OF MEGHALAYA

92°30'0"E Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ Pest/Diseases **Agricultural Advisories** Stage Animal /Fisheries Sali/Kharif Rice Nursery/Main field Nursery preparation Start preparing raised nursery bed of size 10m (length) × preparation 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bayistin 50WP @ 2g/l with water for BANGLADESH 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in SCALE 1: 1,350,0 lowland and 15-20 cm in upland. As sufficient moisture STATE GIS LAB (MEGHALAYA) is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Weeding, top dressing of urea @ 44kg/ha for HYV and Maize Emergence/ Knee High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Emergence/ Plant Mulching with locally available materials like straw, establishment stage grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. Emergence/ Plant Ash Gourd & Mulching with locally available materials like straw, **Pumpkin** establishment stage grasses may be done to reduce evaporation loses.





Brinjal/Chilli	Plant establishment to		Apply urea @108 kg/ha after hand weeding at 30DAT.
	vegetative stage		Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Seed bed preparation/Sowing	& RD BLOCK MAP OF I	 Select sandy loam type of soil for cultivation. Farmers are advised to make raised bed of size 1m width, 15cm height and of convenient length and channels for draining excess rain water. After field preparation HYV's of ginger/turmeric like Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger: Nadia, Poona, Riodegenerio, etc. should be planted. Seed rate- Turmeric: 2000-2500kg/ha. Ginger: 1400-1600 Kg/ha Before sowing treat the seed rhizomes with Indofil M -
26°30'0"N-			• Mulch the sown bed of ginger for soil and water conservation, and also to reduce weed growth. Mulching materials like green leaves, dry grass, paddy straw etc. may be used.
Tomato	Transplanting to early		• Transplant of seedlings of age 25-30 days old in beds at
26°0'0"N-	vegetative growth	Jan Jan	 a spacing of 75× 45cm in the evening & irrigate immediately. Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP as basal dose either just before transplanting or 5-10 days after transplanting. Apply the remaining 2/3 N (86 kg/ha urea) at 20 and 45 DAT. Gap filling has to be done at 7th day after transplanting
Spring Potato 25°30'0"N-	Early vegetative stage CAMBICITY SALU BANGLADESH BANGLADESH	WEST ISHA SI HILLS RAIRGE	• Earthing up is to be done at 25 days after planting (stolon formation stage). Depending upon the soil moisture status and availability of irrigation facility, farmers are advised to follow the irrigation schedule as follow: 1st irrigation: 25-30 DAS; 2nd irrigation: 60 DAS; 3rd irrigation: 80 DAS
Khasi Mandarin			BANGLADESH
24°30′0″N— 90°0	GE GIS LAB. GHALAYA) O''E 90°30°0°E	SCALE 1: 1,350,0 15 30 60 91°0°Powdery 91°30°0°I Mildew	 Application of Bordeaux mixture on tree trunk must be completed before the rain occurring. Control of leaf miner by spraying Ekalux (1.5m/l) on new flush. Spray Sulfex E 2.5 g/litre of water during flush. Nutrient application: Apply 30kg FYM/Tree 650 g Urea: 1220 g SSP: 450 g MOP/tree.
Animal Sciences			
Poultry	All stages		 Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately



(MEGHALAYA)

90°30'0"E

91°0'0"E

91°30'0"E

90°0'0"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>

		I		
				removed.
				Regularly inspect the dropings of the poultry birds for
				any diseases symptom.
			Coccidiosis	Provide plenty of fresh and clean drinking water.
				Provide coccidiostatic like Amprolium @ 25-65 mg/kg
				feed once a day as a preventive measure against
				coccidiosis.
			Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1
				drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery		All stages		Vaccinate all newly born piglets against swine fever at
				the age of 3 months followed by annual booster dose.
				• In epidemic areas, vaccinate 6 months old pigs with
		C	RD BLOCK MAP OF N	
	90,0,0,	E 90°30'0"E	91°0'0"E 91°30'0"E	• Iron supplementation in piglet to prevent from piglet
				anaemia during 1 st week of age.
26"30"0"14=			Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle &	Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with <i>Brucella abortus</i>
				cotton strain-19 @ 5ml subcutaneous on the neck
			Foot & Mouth	Undertake regular immunization of cattle & buffaloes
			Disease,	against Foot & Mouth disease, Haemorrhagic
		ASSAM	Haemorrhagic	septicaemia & Black Quarter.
26°0'0''N=			Septicaemia, Black	-26°0'0"N
Fishery	3	A TORRE	Quarter	-20 00 M
Common	× <	Fry stage/Advance fry	MAKETTA TOTAL	Fry stocking
Common	Curp	EAST GRRO HILLS	and I do	MACHINE CO.
	1	SONGSAN T RONGS	7 1	Once Common carp fry attained (5-6cm) it can be
	3	ROBGRAM C		harvest and transferred to rearing ponds.
Major Ca	rp/Minor	Brooders	MOWGS TOTR MANYTHAD RAISHAM	Brood stock maintenance
Carp	1	GAMIEGRE 3	WEST KHASI HILLS	Provide sufficient feed to the brooder for proper egg
	MOAN S	CHOKPOT BACHMARA	I make the	development (Rice bran, mustard oil cake, fish
	2	DALI GARO HILLS	RAHROR	meal, minerals & vitamins).
		T GERMAN	- January	Regular monitoring of PH and dissolved oxygen.
Suggesti	ion: Contact no	earby State Agril. Staff o	r KVK staff for necess	sary help and suggestion.
25°0'0''N=		BANGLADESH 6		-25°0'0"N
				BANGLADESH
	STATE	GIS LAB.	SCALE 1: 1,350,0	00

92°0'0"E



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



Dated: 19/05/2017

Support of bamboo structure for climbing upward may

be raised for proper growth.

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

RC (AE)/30/2011/ Bulletin/May'2017/13

Agro Advisory Bulletin – WEST KHASI HILLS (Period 20th – 24th May, 2017)

Weather forecast valid up to 24th May, 2017

The possibility of Rainfall is 35.0mm for the next five days. Maximum Temp: 27-30°C, Minimum Temp: 17-18°C, Cloud cover: sky will be mainly cloudy i.e. 3-5 Okta, Maximum RH: 91-93%, Minimum RH: 45-48%, Wind speed: 3-4 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 35.0mm

C & RD BLOCK MAP OF MEGHALAYA

92°30'0"E Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ Pest/Diseases **Agricultural Advisories** Stage Animal /Fisheries Sali/Kharif Rice Nursery/Main field Nursery preparation Start preparing raised nursery bed of size 10m (length) × preparation 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bayistin 50WP @ 2g/l with water for BANGLADESH 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in SCALE 1: 1,350,0 lowland and 15-20 cm in upland. As sufficient moisture STATE GIS LAB (MEGHALAYA) is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Weeding, top dressing of urea @ 44kg/ha for HYV and Maize Emergence/ Knee High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Emergence/ Plant Mulching with locally available materials like straw, establishment stage grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. Emergence/ Plant Ash Gourd & Mulching with locally available materials like straw, **Pumpkin** establishment stage grasses may be done to reduce evaporation loses.





Brinjal/Ch	nilli	Plant establishment to vegetative stage		Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to
Ginger/Turmeric		Seed bed preparation/Sowing	& RD BLOCK MAP OF I	 Provide mulching materials like straw, grasses, etc to reduce evaporation loses. Select sandy loam type of soil for cultivation. Farmers are advised to make raised bed of size 1m width, 15cm height and of convenient length and channels for draining excess rain water. After field preparation HYV's of ginger/turmeric like Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger: Nadia, Poona, Riodegenerio, etc. should be planted. Seed rate- Turmeric: 2000-2500kg/ha. Ginger: 1400-1600 Kg/ha Before sowing treat the seed rhizomes with Indofil M - IEGH 45 or Captaf @ 0.3% & plant at a spacing of 25cm x
26°30'0''N=	90,0,0,	E 90°30'0"E	91°0'0"E 91°30'0"	 25-30cm and turmeric at 40-45cm X 25cm. Complete sowing before 20th April. Mulch the sown bed of ginger for soil and water conservation, and also to reduce weed growth. Mulching materials like green leaves, dry grass, paddy straw etc. may be used.
Tomato		Transplanting to early vegetative growth		 Transplant of seedlings of age 25-30 days old in beds at a spacing of 75× 45cm in the evening & irrigate immediately. Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
	ES AMERICA	DATE ROOM THEREALA DESCRIPTION HIS. SOUGAN ROMA ROMA	The Later of the Control of the Cont	as basal dose either just before transplanting or 5-10 days after transplanting. Apply the remaining 2/3 N (86 kg/ha urea) at 20 and 45 DAT. • Gap filling has to be done at 7th day after transplanting
Spring Pot 25°30'0"N-	tato BYJAR	Early vegetative stage CAMBRICATE CAMBRI	WEST ISHASI HILLS	• Earthing up is to be done at 25 days after planting (stolon formation stage). Depending upon the soil moisture status and availability of irrigation facility, farmers are advised to follow the irrigation schedule as follow: 1st irrigation: 25-30 DAS; 2nd irrigation: 60 DAS; 3rd irrigation: 80 DAS
Khasi Mai	ndarin			BANGLADESH
24°30′0″N	STATE	GIS LAB. ALAYA)	SCALE 1: 1,350,0 15 30 60 91°00Powdery Mildew	 Application of Bordeaux mixture on tree trunk must be completed before the rain occurring. Control of leaf miner by spraying Ekalux (1.5m/l) on new flush. Spray Sulfex E 2.5 g/litre of water during flush. Nutrient application: Apply 30kg FYM/Tree 650 g Urea: 1220 g SSP: 450 g MOP/tree.
Animal Sc	eiences			<u></u>
Poultry		All stages		 Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately



90°0'0"E

90°30'0"E

GRAMIN KRISHI MAUSAM SEWA

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



			removed.
			• Regularly inspect the dropings of the poultry birds for any diseases symptom.
		Coccidiosis	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	coccidiosis.
		Ramkhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through
			eye and nostril.
Piggery	All stages		Vaccinate all newly born piglets against swine fever at
			the age of 3 months followed by annual booster dose.
			• In epidemic areas, vaccinate 6 months old pigs with
	C	& RD BLOCK MAP OF I	
90°0'0	E 90°30'0"E	91°0'0"E 91°30'0"	anaemia during 1 st week of age.
***************************************		Skin infection	• Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with Brucella abortus
			cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	Undertake regular immunization of cattle & buffaloes
		Disease, Haemorrhagic	against Foot & Mouth disease, Haemorrhagic
	ASSAM	Septicaemia, Black	septicaemia & Black Quarter.
26°0'0"N-		Quarter	-26°0'0"N
Fishery	1 War	M E	William Con
Common carp	Fry stage/Advance fry	Transmin Transmin	Fry stocking
1 SHEEL	EAST GARO HILLS	as WITT	Once Common carp fry attained (5-6cm) it can be
1	3 SONGSAR 7 RONGS		harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	Nonceston (Brood stock maintenance
Carp	BIOOGETS SAMAHUA	WEST KHASI HILLS	Provide sufficient feed to the brooder for proper egg
THE THE THE THE THE THE THE THE THE THE	CAMILECITE CONTROL OF THE CONTROL OF	1	development (Rice bran, mustard oil cake, fish
2	BALII BARO HILLS	5	meal, minerals & vitamins).
	CESSANAIA	RAHROR	
Contraction Contraction	drag Core A 11 Coreff -	WYW -1-CC C	Regular monitoring of PH and dissolved oxygen.
Suggestion: Contact n	earby State Agril. Staff of	or KVK staff for neces	sary help and suggestion.
			BANGLADESH
CTATE	GIS LAB.	SCALE 1: 1,350,0	000
	HALAYA)	15 30 60	90 120 Kilometers
			Kilometers

91°0'0"E

91°30'0"E

92°0'0"E