

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



Dated: 23/05/2017

92°30'0"E

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

RC (AE)/30/2011/ Bulletin/May'2017/14

Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 24th – 28th May, 2017)

Weather forecast valid up to 28th May, 2017

The possibility of Rainfall is 10.0mm for the next five days. Maximum Temp: 30-33°C, Minimum Temp: 20-22°C, Cloud cover: sky will be mainly clear i.e. 2 Okta, Maximum RH: 91-92%, Minimum RH: 51-56%, Wind speed: 4-5 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall: 10.0mm

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			
Sali/Kharif Rice	Nursery/Main field THE PROPERTY OF THE PROPER	MONOSTREET MONOSTOR MONTABRABIAN WEST KIHASI HILLS	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.
	GIS LAB. ALAYA)	SCALE 1: 1,350,0 15 30 60	Main field preparation • Repair old 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.
Maize	Emergence/ Knee		Weeding, top dressing of urea @ 44kg/ha for HYV and
High & Mid altitude Region	high stage		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	rmeric	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 -
	90°0'0'	E 90°30'0"E	91°0'0"E 91°30'0"E	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			immediately26'0'0"N
	Was a series	The state of the s	m &	• Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
	5	RESURELIVARA	Ten por	as basal dose either just before transplanting or 5-10
	SELSELLA	BASTOR HILLS	as With	days after transplanting. Apply the remaining 2/3 N (86
	1	3 SONGEAR 7 RONGE	1 7 1	kg/ha urea) at 20 and 45 DAT.
	m.	CARO HILLS	MARGORIUM /	Gap filling has to be done at 7th day after transplanting
Khasi Mar	ndarin	SAMAHUA	WEST KHASI HILLS	25°30'0"N
	THE ME	GAMILEGRE J	WEST WINSTILLS	Application of Bordeaux mixture on tree trunk must be
	2	BALL CHOKPOT BACHMARA	4	 completed before the rain occurring. Control of leaf miner by spraying Ekalux (1.5m/l) on
		I CASHAMAIA ROHORA	RAHROR	new flush.
		white	- David	 Spray Sulfex E 2.5 g/litre of water during flush.
		BANGLADESH	Powdery	Spray Sunex E 2.3 g nate of water during rush.
25°0'0"N-			Mildew	Nutrient application: ADESH
				Apply 30kg FYM/Tree
				• 650 g Urea: 1220 g SSP: 450 g MOP/tree.
			SCALE 4-4-250.0	20
Animal Sci	iences STATE	ALAVA U	- 15 30 60	- 00 120
Poultry 24°30'0"N-	(IVIEGE	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"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.



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.
G 0. 7. 00.1		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 1830'0"	septicaemia & Black Quarter.
		Septicaemia, Black Quarter	
Fishery		Quarter	-26°30'0"N
Common carp	Fry stage/Advance fry		Fry stocking
Common curp	11y stage/11a valiee 11y		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	Dioodels		Provide sufficient feed to the brooder for proper egg
18 A	the I was	m &	development (Rice bran, mustard oil cake, fish
×	THEMPELIARA	man less and	meal, minerals & vitamins).
Serise	DADENGONI EASTGRO HIALS	as LATT	Regular monitoring of PH and dissolved oxygen.
Suggestion: Contact	nearby State Agril. Staff o	or KVK staff for neces	The second secon
Suggestion. Contact	GARO HILLS	MAN X Stall for neces	Sally help and suggestion.
25°30'0"N-	SING SAMARUA	WEST KHASI HILLS	LASKISH -25°30'0"N
Jacobi Company	CAMILEDIE CAMILEDIE	WEST NIMST HILLS	EAST AND HILLS
200	BALL CHOKPOT BACHMARA	5	PRODUCA
	ESSERVATA ROBORS	HAHBOR	THE STORY AND
		- I who	hotel for the
	BANGLADESH		
25°0'0"N-			BANGLADESH -25°0'0"N
CTATI	E GIS LAB.	SCALE 1: 1,350,0	000
	GHALAYA)	15 30 60	90 120 Kilometers
24°30′0"N-			-24°30'0"N
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Support of bamboo structure for climbing upward may

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Agro Advisory Bulletin – SOUTH WEST KHASI HILLS (Period 24th – 28th May, 2017)

Weather forecast valid up to 28th May, 2017

The possibility of Rainfall is 28.0mm for the next five days. Maximum Temp: 29-30°C, Minimum Temp: 18-19°C, Cloud cover: sky will be partly cloudy i.e. 3 Okta, Maximum RH: 91-93%, Minimum RH: 52-54%, Wind speed: 4-5 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 28.0mm

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/ 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,





Brinjal/Chill	<u> </u>	Plant establishment to		Apply urea @108 kg/ha after hand weeding at 30DAT.
Dinijai/Cimi	ı	vegetative stage		Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turn	neric	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-	90°0'0'	E 90°30'0"E	91°0'0"E 91°30'0"	 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		Transplant of seedlings of age 25-30 days old in beds at
26°0'0"N-	W	vegetative growth	.)	a spacing of 75× 45cm in the evening & irrigate immediately. • Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
	S. Server	MENGELA NESURELIMBA RADENICON HALS SONICAN ROMO.	The state of the s	 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 Potate 25°30'0"N-	O DE TANDO	Early vegetative stage CAMBILIA CAMBICAT CHOSTO BANGLADESH BANGLADESH	WEST KHASI 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 Manda	arin			BANGLADESH
24°30′0′'N-	STATE (MEGH	GIS LAB. ALAYA) 0 90°30°0″E	SCALE 1: 1,350,0 15 30 60 91°00Powdery 91°30'0°1 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 Scien	nces			
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



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			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
		G1 :	anaemia during 1 st week of age.
20/30/0'N- 00 1		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.
26°0'0"N-		Septicaemia, Black	-26°0'0"N
	ANDONO	Quarter	100 m
Fishery	THEORETTA NEW DEFENDER	MAKETTA TO A	N. DIEDLES J.
Common carp	Fry stage/Advance fry	The last	Fry stocking
L arreitt	SONGSAM RONGE	7 7 1	Once Common carp fry attained (5-6cm) it can be
3	ROBGRAM	/_//	harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	MORESTOR MANTHAD RABBAN	Brood stock maintenance
Carp	T CAMBIE SIRE	WEST KHASI HILLS	Provide sufficient feed to the brooder for proper egg
ZHZAN S	CHOKPOT JACHMARA	La Lamerone La	development (Rice bran, mustard oil cake, fish
2	DALII STATH GARO HILLS	RAHROR	meal, minerals & vitamins).
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Suggestion: Contact n	earby State Agril Staff o	r KVK staff for necess	sary help and suggestion.
Suggestion. Contact in	earby State Agin. Stair o	I KVK stall for fieces:	sary help and suggestion.
			BANGLADESH
CTATE	CICLAR	SCALE 1: 1,350,0	00
	GIS LAB.	15 30 60	90 120
1,111			Kilometers

91°0'0"E

90°0'0"E

90°30'0"E

91°30'0"E

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grasses may be done to reduce evaporation loses.

Support of bamboo structure for climbing upward may





				be raised for proper growth.
Brinjal/Cl	hilli	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/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
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				Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger:
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		0	DD DLOCK MAD OF	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
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26°0'0''N-	A Service of the serv	and and a	4.4	immediately.
	F 5	THEMSELLA RESURELIVARA	The second	Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
	5	BARENGORI FASTIGARO HIALS	Jan Man	as basal dose either just before transplanting or 5-10 days after transplanting. Apply the remaining 2/3 N (86
	C SELSE ILA	RONG R	7 4	kg/ha urea) at 20 and 45 DAT.
	3	PONGRAM A	1 1 17	Gap filling has to be done at 7th day after transplanting
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		DALL SCATH GARO HILLS	EAHKOR	• Control of leaf miner by spraying Ekalux (1.5m/l) on
		T GERRANA	I make	new flush.
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25°0'0"N-		BANGLADESH	Mildew	-25°0'0"N
			Williacw	Nutrient application: Apply 20kg FYM/Tage
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				030 g Olca. 1220 g 551 . 430 g WO1/IICC.
Animal Sc	ciences STATE	GIS LAB.	SCALE 1: 1,350,0	00 400
Poultry	(MEGH	All stages	10 30 50	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"	24°30'0"N
		=		• 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.
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		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota v drop) at the age of 4-7 days old and 35 days ol eye and nostril.	
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			 FMD vaccine once in a year. Iron supplementation in piglet to prevent from an aemia during 1st week of age. 	
		Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg b	ody wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	Vaccinate 6-9 months old calves with <i>Brucell</i> cotton strain-19 @ 5ml subcutaneous on the ne	
90°0'0'	C :	Foot & Mouth RD B Disease, AP OF M Haemorrhagic Septicaemia, Black	Undertake regular immunization of cattle & IEGH against Foot & Mouth disease, Haer septicaemia & Black Quarter. 33000 E	
		Quarter		
Fishery				26°30'0"N
Common carp	Fry stage/Advance fry		Fry stocking	
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Major Carp/Minor	Brooders		Brood stock maintenance	
Carp. O'O'N-			Provide sufficient feed to the brooder for p	proper egg
S. S	Land John	m &	development (Rice bran, mustard oil cake,	
-5	NESUDELIVARA	Tan Land	meal, minerals & vitamins).	
SELSELLA	DADENGGINY EAST GARO HILLS	of WITT	Regular monitoring of PH and dissolved or	xygen.
Suggestion: Contact ne	arby State Agril. Staff o	r KVK staff for necess	sary help and suggestion.	76
25°30'0"N-	CARRICAN CAR	WEST KHASI HILLS	MOTALISM MONITYHOLINEBO THADLASKEN	25°30'0"N
25°0'0''N~	BANGLADESH		BANGLADESH	25°0′0"N
STATE O (MEGHA	77.20	SCALE 1: 1,350,0	90 120 Kilometers	24°30'0''N

90°30'0"E

91°0'0"E

91°30'0"E

92°0'0"E

92°30'0"E

90°0'0"E



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

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Mulching with locally available materials like straw,

Support of bamboo structure for climbing upward may

be raised for proper growth.

be raised for proper growth.

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RC (AE)/30/2011/ Bulletin/May'2017/14

establishment stage

Emergence/ Plant

establishment stage

Ash Gourd &

Pumpkin

Agro Advisory Bulletin – WEST JAINTIA HILLS (Period 24th – 28th May, 2017)

Weather forecast valid up to 28th May, 2017

The possibility of Rainfall is 24.0mm for the next five days. Maximum Temp: 29-31°C, Minimum Temp: 18-19°C, Cloud cover: sky will be partly cloudy i.e. 2-3 Okta, Maximum RH: 89-93%, Minimum RH: 40-46%, Wind speed: 2-3 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 24.0mm

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,





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 RAIRGA	• 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°0'0"E

90°30'0"E

91°0'0"E

91°30'0"E

GRAMIN KRISHI MAUSAM SEWA

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	<u></u>	T	
			removed.
			• Regularly inspect the dropings of the poultry birds for
		C 11	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. Vaccinate the poultry birds with F1/ Lasota vaccine (1)
		Kanikhet 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	90°30'0"E	91°0'0"E 91°30'0"I	• Iron supplementation in piglet to prevent from piglet
		Skin infection	anaemia during 1 st week of age.
Cattle & Buffaloes	6-9 months calves	Brucellosis	Provide Ivermectin (Injection) @ 10mg/33kg body wt. Variation (10 mg/33kg body wt.) Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Bullaloes	0-9 months carves	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.
	ASSAM	Septicaemia, Black	septeacina & Black Quarter.
26°0'0"N-		Quarter	-26°0'0"N
Fishery &	March 12 March	my &	2
Common carp	Fry stage/Advance fry	Jan Mary	Fry stocking
STEET	A S ROMG #	7 4	 Once Common carp fry attained (5-6cm) it can be
3	ROBGRAM SONOSON		harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	NOWGSTOR MANTHADRABHAN	Brood stock maintenance
Carp	CAMIESTE	WEST KHASI HILLS	Provide sufficient feed to the brooder for proper egg
ZERZAN S	CHOKPOT BACHMARA	Land Land	development (Rice bran, mustard oil cake, fish
~(BALL STATH GARO HILLS	RAHROR	meal, minerals & vitamins).
	COMMON A	I made	Regular monitoring of PH and dissolved oxygen.
Suggestion: Contact n	earby State Aoril Staff o	or KVK staff for neces	sary help and suggestion.
25°0'0"N-	carry state rigin. stan c	71 1X 1 1X Stuff 101 110005	sary herp and suggestion.
			BANGLADESH
STATE	GISTAR	SCALE 1: 1,350,0	000

92°0'0"E



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



Dated: 23/05/2017

Support of bamboo structure for climbing upward may

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.

be raised for proper growth.

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RC (AE)/30/2011/ Bulletin/May'2017/14

Emergence/ Plant

establishment stage

Ash Gourd &

Pumpkin

Agro Advisory Bulletin – WEST KHASI HILLS (Period 24th – 28th May, 2017)

Weather forecast valid up to 28th May, 2017

The possibility of Rainfall is 25.0mm for the next five days. Maximum Temp: 27-28°C, Minimum Temp: 15-17°C, Cloud cover: sky will be partly cloudy i.e. 3 Okta, Maximum RH: 91-94%, Minimum RH: 47-48%, Wind speed: 3-4 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 25.0mm

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.





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
				reduce evaporation loses.
Ginger/Tu	ırmeric	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 - LEGH 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
26°0'0"N=	S. L. S.	vegetative growth	mys me	 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
	C STORILY	BARENDONI EASTORIO HIALS	3 41	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 eriasso	Early vegetative stage CAMBI COR CAMBI COR	WEST ISHA SI 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				BANGLADESH
24°30'0"N	STATE	GIS LAB. ALAYA)	SCALE 1: 1,350,0 15 30 60 91°00 Powdery 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			
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

91°0'0"E

91°30'0"E

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			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.
		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.
		Septicaemia, Black	
26°0'0"N=	A MANAGER	Quarter	-26°0′0′′N
Fishery	THEORY AND STRUCTURE OF THE STRUCTURE OF	The second	RI-BUST
Common carp	Fry stage/Advance fry	Jes Mary	Fry stocking
SELSEI	AND THE PROPERTY AND TH	7	 Once Common carp fry attained (5-6cm) it can be
3	POSIGNAM A		harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	MONGSTON MINTHAD RASHAM	Brood stock maintenance
Carp	GAME COF	WEST HASI HILLS	Provide sufficient feed to the brooder for proper egg
THE ZAIL	CHOKPOT JAACHMANA	La Lamacona La	development (Rice bran, mustard oil cake, fish
~~(DALII GARO HILLS	RAHINGR	meal, minerals & vitamins).
	T Gennavara	I many	Regular monitoring of PH and dissolved oxygen.
Suggestion: Contact r	nearby State Agril Staff o	or KVK staff for neces	sary help and suggestion.
25°0'0"N-	TO BANGLADISH ISIN STAIL	or it vit starr for necessi	-25°0'0"N
			BANGLADESH
STATE	GIS LAB.	SCALE 1: 1,350,0	00
	(2.50	15 30 60	90 120

92°0'0"E



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



Dated: 23/05/2017

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RC (AE)/30/2011/ Bulletin/May'2017/14

Agro Advisory Bulletin – East Garo Hills (Period 24th – 28th May, 2017)

Weather summery of the past five days

Weather forecast valid up to 28th May, 2017

Sky was partly cloudy with 5.0mm rainfall. Maximum temperatures ranged between 29-31°C and minimum ranged between 19-20°C. Relative humidity was 92-94% in morning and 50-56% in evening. Wind speed ranged between: 4-5kmph.

The possibility of Rainfall is 19.0mm for the next five days. Maximum Temp: 29-32°C, Minimum Temp: 19-20°C, Cloud cover: sky will be partly cloudy i.e. 2-3 Okta, Maximum RH: 92-95%, Minimum RH: 49-54%, Wind speed: 4-5 Kmph, Wind direction: Eastern.

C & RD BLOCK MAP OF Weekly cumulative rainfall: 19.0mm

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 DATE RECEIVED HIS SOURCESS DOUGLASS DOUGLA	MORANG MONTHANI MONTHANI	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
25°0'0"N-	ANGLADESH		 (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
STATE GIS (MEGHAL	AYA) 0 15	SCALE 1: 1,350,000 30 60 90	from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation
90°0°0″E	90°3ô'0″E 91	"0"0"E 91°30'0"E	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.
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





			1
			evaporation loses.
			• Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd & Pumpkin	Emergence/ Plant		Mulching with locally available materials like
Asir Goura & Lumpkin	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		Apply urea @108 kg/ha after hand weeding
	vegetative stage		at 30DAT. Provide mulching materials like
			straw, grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Seed bed		 Select sandy loam type of soil for cultivation.
Ginger/Turmerie		D BLOCK MAP OF MEGHAL	
000010115			size 1m width, 15cm height and of
90°0'0"E	90°30'0"E 9	°0'0"E 91°30'0"E	convenient length and channels for draining
			excess rain water.
26°30'0"N-			After field preparation HYV's of his field preparation of his field preparation has been depended in the field preparation.
			ginger/turmeric like Turmeric: Lakadong, RCT-, Megha Turmeric-1; Ginger: Nadia,
			Poona, Riodegenerio, etc. should be planted.
			Seed rate-/Turmeric: 2000-2500kg/ha.
	ASSAM	18	Ginger: 1400-1600 Kg/ha
26°0'0"N-		MO	Before sowing treat the seed rhizomes with
26°0'0"N-	m 1 Brown	521	Indofil M -45 or Captaf @ 0.3% & plant at a
55	RESURE LIVARA KNADADITU	Is a series	spacing of 25cm x 25-30cm and turmeric at
SELSELLA	PARTOR HILLS	S LATTER	40-45cm X 25cm.
1 3	SONGSAN T RONGENG	MARANG	 Complete sowing before 20th April. Mulch the sown bed of ginger for soil and
o (salma)	ARO HILLS	POSTYNEUT NONCSTON	water conservation, and also to reduce weed
25°30'0"N-	SAMAHUA WE	ST KHASI HILLS	growth. Mulching materials like green
THE PART OF	CAMBIEGRE CHANGE	EAST)	leaves, dry grass, paddy straw etc. may be
L. COAL	THE GARO HILLS	MOOTHRAM	used.
Tomato	Transplanting to early	AND	• Transplant of seedlings of age 25-30 days old
	vegetative growth	The state of the s	in beds at a spacing of 75× 45cm in the
25°0'0"N-	NGLADESH		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
STATE GIS	LAB.	SCALE 1: 1,350,000	20 and 45 DAT.
(MEGHAL	AYA) 0 15	30 60 90	• Gap filling has to be done at 7th day after
24°30'0"N-	000000000	J. Annual Property of the Control of	transplanting -24°30'0"N
Khasi Mandarin	an.30.0.F 8.	00 E 91.30,0E	52.00E 92.00E 93.00E
			Application of Bordeaux mixture on tree trunk must be completed before the rain
			trunk must be completed before the rain occurring.
			Control of leaf miner by spraying Ekalux
			(1.5m/l) on new flush.
		Powdery Mildew	Spray Sulfex E 2.5 g/litre of water during
			flush.
		1	
			NT / * / T* /*
			Nutrient application:
			 Nutrient application: Apply 30kg FYM/Tree 650 g Urea: 1220 g SSP: 450 g MOP/tree.



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



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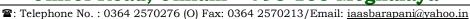
Animal Sciences			
Poultry	All stages	D BLOC Coccidiosis/IEGHAL	 Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be change periodically and provide clean 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= 60,0,0,.E	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 and the same of the same o	 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	MONGSTOR MONTHADRABHAN AMAPILANCE	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 ponds.
Major Carp/Minor Carp	Diodeis		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





RC (AE)/30/2011/ Bulletin/May'2017/14



Dated: 23/05/2017

Agro Advisory Bulletin – EAST JAINTIA HILLS (Period 24th – 28th May, 2017)

Weather forecast valid up to 28th May, 2017

The possibility of Rainfall is 27.0mm for the next five days. Maximum Temp: 29-31°C, Minimum Temp: 18-19°C, Cloud cover: sky will be partly cloudy i.e. 3-4 Okta, Maximum RH: 91-94%, Minimum RH: 43-51%, Wind speed: 2 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 27.0mm

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 Len	$1.25m$ (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	Moreovenius /	225g, MOP 40g per seed bed. Sow HYV's like
25°30'0"N-	SAMAHUA SAMAHUA	MONGSTON MANTHAD RABILAN	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 HHASI HILLS	Manipuri, etc maintaining a seed rate of 650-1000g/ bed
3 - 2	CHOKPOT	Lamarona Lam	(Nursery area of 500-600 sqm. is sufficient for
	BALL BONDA RONDA	TANKOR AND TO SEE THE	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 01 01 01 01 01 01 01 01 01 01 01	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
	77 (79		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 he mixed for groups and the structure for climbing upward may
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>	l	De talseu for proper growth.





D 1 1 1/01 1111	DI (112.1 ()	T	04001 # 6 1 1 # 200
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
			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.
		CONTRACTOR CONTRACTOR MANAGEMENT AND CONTRACTOR CONTRAC	• In epidemic areas, vaccinate 6 months old pigs with
	C 8	RD BLOCK MAP OF N	
90°0'0"	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.
		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.
		Septicaemia, Black	
26°0'0''N-		Quarter	-26°0'0"N
Fishery 8	THINKALA 133 %	My &	RIDIA CO
Common carp	Fry stage/Advance fry	trad Line	Fry stocking
CARLSEILA	S SOUGHER	7 4	 Once Common carp fry attained (5-6cm) it can be
3	ROBGRAM SONGSAM	()) }	harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	HORESTOR MANTHABRABHAN	Brood stock maintenance
Carp	CAMIFGIE	WEST KHASI HILLS	Provide sufficient feed to the brooder for proper egg
ERZAN S	CHOKPOT BACHMARA	Lancon Lan	development (Rice bran, mustard oil cake, fish
	DALI GARO HILLS	RAHBOR	meal, minerals & vitamins).
	T GESTANDA	I make	Regular monitoring of PH and dissolved oxygen.
	BANGLADESH		
25°0'0"N-			-25°0'0"N
Suggestion: Contact ne	earby State Agril. Staff or	r KVK staff for necess	sary help and suggestion. IGLADESH
	GIS LAB.	SCALE 1: 1,350,00	
(MEGH	ALAYA)	15 30 60	90 120 Kilometers
24°30′0″N-			-24°30'0"N
90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E	92°0'0''E 92°30'0''E 93°0'0''E



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



Dated: 23/05/2017

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

RC (AE)/30/2011/ Bulletin/May'2017/14

GIS LAB.

Emergence/ Knee

Emergence/ Plant

establishment stage

Emergence/ Plant

establishment stage

high stage

(MEGHALAYA)

Maize

Region

Bottle Gourd

Ash Gourd &

Pumpkin

High & Mid altitude

Agro Advisory Bulletin – EAST KHASI HILLS (Period 24th – 28th May, 2017)

Weather forecast valid up to 28th May, 2017

The possibility of Rainfall is 47.0mm for the next five days. Maximum Temp: 25-28°C, Minimum Temp: 15-16°C, Cloud cover: sky will be partly cloudy i.e. 3-4 Okta, Maximum RH: 89-92%, Minimum RH: 45-47%, Wind speed: 3-4 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 47.0mm 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

SCALE 1: 1,350,0

Main field preparation

spot, sheath rot, etc.

- 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.
- Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses.





		T	Comment of hamber streeting for district constant
			• 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	& 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.
	-		Before sowing treat the seed rhizomes with Indofil M -
56,30,0,.N- a0,0,0,	90°30'0"E	91°00"E 91°30'0"E	 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. 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
25°30'0"N- Spring Potato	Vegetative growth THE PROJECT AND THE SECOND AND T	MEST KHASI HILLS RANGOE RANGOE	 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 (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
IZ1: M 1:			8
	GIS LAB. ALAYA)	SCALE 1: 1,350,0 15 30 60 91°00"E 91°30"0"E Powdery 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



STATE GIS LAB.

(MEGHALAYA)

90°30'0"E

90°0'0"E

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

			12.12
			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
		Coccidiosis	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
	C	RD BLOCK MAP OF N	EGHthe age of 3 months followed by annual booster dose.
90°0'0' E	90°30'0"E	91°0'0"E 91°30'0"E	In epidemic areas, vaccinate 6 months old pigs with
			FMD vaccine once in a year.
26°30'0''N=			Iron supplementation in piglet to prevent from piglet
20 00 0 11			anaemia during 1 st week of age.
G		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
	ASSAM	Foot & Mouth	Undertake regular immunization of cattle & buffaloes
		Disease,	against Foot & Mouth disease, Haemorrhagic
26°0'0"N-	and and	Haemorrhagic	septicaemia & Black Quarter.
8 5	THURSDAY WESTER LINEAR	Septicaemia, Black	RI-BHAT
Ti i	DADENGONI PASTISTRO HILLS	Quarter	INCOME:
Fishery	BONG #	2 4 1	
Common carp	Fry stage/Advance fry	1 1 1 1	Fry stocking
	GARO HILLS	MONORYHOUT	Once Common carp fry attained (5-6cm) it can be
25°30'0"N-	13	WEST HHASI HILLS	harvest and transferred to rearing ponds. 25 300 h
Major Carp/Minor	Brooders CHOMPOT	I macena	Brood stock maintenance
Carp	DALU THE GARO HILLS	KANROS	• Provide sufficient feed to the brooder for proper egg
	CERRANALA ROPORA	3	development (Rice bran, mustard oil cake, fish
			meal, minerals & vitamins).
25°0'0"N=	BANGLADESH		Regular monitoring of PH and dissolved oxygen.

SCALE 1: 1,350,000

91°30'0"E

91°0'0"E

120 Kilometers

92°0'0"E



Bottle Gourd

Ash Gourd &

Pumpkin

Emergence/ Plant

establishment stage

Emergence/ Plant

establishment stage

GRAMIN KRISHI MAUSAM SEWA

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





Dated: 23/05/2017

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.

RC (AE)/30/2011/ Bulletin/May'2017/14

Agro Advisory Bulletin - NORTH GARO HILLS (Period 24th – 28th May, 2017)

Weather forecast valid up to 28th May, 2017

The possibility of Rainfall is 21.0mm for the next five days. Maximum Temp: 29-31°C, Minimum Temp: 18-19°C, Cloud cover: sky will be partly cloudy i.e. 2-3 Okta, Maximum RH: 92-96%, Minimum RH: 44-48%, Wind speed: 3-4 Kmph, Wind direction: Northeast.

Weekly cumulative rainfall: 21.0mm 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.





			<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.
	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
	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 N	IEGHALAYA 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 -
			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
	ASSAM		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	J	a spacing of 75× 45cm in the evening & irrigate
83	MASSA (MASSA)	W &	immediately.
5-2	RESURELIMANA	LE TO TOTAL	• Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
SELSELLA	DADENGGRI EAST GARO HIALS	as by	as basal dose either just before transplanting or 5-10
1	SONGSAN 7 RONGS		days after transplanting. Apply the remaining 2/3 N (86
A. C.	GARO HILLS	MARKATTHEUT /	kg/ha urea) at 20 and 45 DAT.
25°30'0"N-	SAMAHUA	MORESTOR MANTHADRAGHAM	• Gap filling has to be done at 7th day after transplanting
Khasi Mandarin	CAMIFORE J	WEST KHASI HILLS	WARRIED TO THE PARTY OF THE PAR
Sacara S	CHOKPOT BACHMARA	A marine Lan	Application of Bordeaux mixture on tree trunk must be
~	BALL BOOGRA	EAHROR AND A	completed before the rain occurring.
	CESHANAIA	I made	• Control of leaf miner by spraying Ekalux (1.5m/l) on
			new flush.
25°0'0''N=	BANGLADESH		Spray Sulfex E 2.5 g/litre of water during flush.
25 5 5 11		Powdery	BANGLADESH
		Mildew	Nutrient application:
			Apply 30kg FYM/Tree
	And its process	SCALE 1: 1,350,0	• 650 g Urea: 1220 g SSP: 450 g MOP/tree.
STATE G	2 2222 1	15 30 60	30 120
Animal Sciences			Kilometers
Poultry	All stages	91°0'0"E 91°30'0"E	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
i l			coccidiosis.



90°0'0"E

90°30'0"E

91°0'0"E

91°30'0"E

92°0'0"E

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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.
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.
Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
Undertake regular immunization of cattle & buffaloes
SHagainst Foot & Mouth disease, Haemorrhagic
septicaemia & Black Quarter.
-26°30'0"N
Fry stocking
 Once Common carp fry attained (5-6cm) it can be
harvest and transferred to rearing ponds.
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.
y help and suggestion.
MILLIAM SWORTH SCHOOL BOOK THAD LAME BY
-25°30'0"N
HILLS JAINTHY-HILLS
SMELLA PROPERTY
MOLAGALI AMERIKA
men of your
-25°0'0"N
BANGLADESH
120
Kilometers



Bottle Gourd

GRAMIN KRISHI MAUSAM SEWA

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RC (AE)/30/2011/ Bulletin/May'2017/14

☎: Telephone No.: 0364 2570276 (O) Fax: 0364 2570213/Email: iaasbarapani@yahoo.in Dated: 23/05/2017

Agro Advisory Bulletin - Ri-Bhoi (Period 24th – 28th May, 2017)

91°0'0"E

Weather summery of the past four days

Emergence/ Plant

establishment stage

Weather forecast valid up to 28th May, 2017

Sky was mainly cloudy with 3.0mm of rainfall. Maximum temperatures ranged between 28.2-30.5°C and minimum ranged between 18.0-18.3°C. Mean relative humidity was 90-93% in morning and 38-44% in evening. Wind speed ranged between 2-3 kmph. C & RD BLOCK MAP OF

The possibility of Rainfall is 17.0mm for the next five days. Maximum Temp: 29.0-31.0°C, Minimum Temp: 18.0-19.0°C, Cloud cover: sky will be partly cloudy i.e. 2-3 Okta, Maximum RH: 90-93%, Minimum, RH: 38-42%, Wind speed: 2-3 Kmph, Wind direction: East-Southeast.

between the rows to reduce evaporation loses of

Mulching with locally available materials like

straw, grasses may be done to reduce evaporation

Support of bamboo structure for climbing upward

moisture.

loses.

Weekly cumulative rainfall: 17.0mm

Agro meteorological Advisories for coming 5 days 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





			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	RD BLOCK MAP OF ME	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. Alter field preparation HYV's of ginger/turmeric like Turmeric: Lakadong, RCT-, Megha Turmeric-
90°0'0"E	90°30'0"E	91°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
	ASSAM		• 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°0'0"N-	BARTHOGEI EASTERMA ERMOLING BARTHOGEI EASTERMA BARTHOGEIL EASTERMA BARTHOGEI EASTERMA BARTHOGEIL EASTERMA BARTHOGEIL EASTERMA BARTHOGEIL EASTERMA BARTHOGEIL EASTERMA BARTHOGEIL EASTERM	Jan Jan	 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 25°30'0"N-	Transplanting to early vegetative growth	ST KHASI HILLS	 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 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 STATE GI (MEGHA) 24"30"0"N- 90"0"0"E		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 irrigation schedule as follow: 1st irrigation: 25-30 DAS; 2nd irrigation: 60 DAS; 3rd irrigation: 80 DAS
Khasi Mandarin			 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.
		Powdery Mildew	 Spray Sulfex E 2.5 g/litre of water during flush. Nutrient application: Apply 30kg FYM/Tree



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			• 650 g Urea: 1220 g SSP: 450 g MOP/tree.
Animal Sciences			
Poultry	All stages	RD 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	1000'E Coccidiosis 3000'E	 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	my for	 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-	RONGRAM DARO HILLS	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
Fishery	l		
Common carp STATE GIS (MEGHAL 24'30'0"N- 90'0'0"E	Fry stage/Advance fry AYA) 0 18	SCALE 1: 1,350,000 30 60 9 1000"E 91030"E	Fry stocking Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders		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: 23/05/2017

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RC (AE)/30/2011/ Bulletin/May'2017/14

Agro Advisory Bulletin – SOUTH GARO HILLS (Period 24th – 28th May, 2017)

Weather forecast valid up to 28th May, 2017

The possibility of Rainfall is 20.0mm for the next five days. Maximum Temp: 29-32°C, Minimum Temp: 19-20°C, Cloud cover: sky will be partly cloudy i.e. 3 Okta, Maximum RH: 92-94%, Minimum RH: 53-59%, Wind speed: 6-7 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 20.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

Main Crop/

AssStage Pest/Diseases Agricultural Advisories

Main Crop/ Animal /Fisheries	Ass.Stage	Pest/Diseases	Agricultural Advisories
			26000191
Sali/Kharif Rice	Nursery/Main field Industry Preparation EAST FORTO HIALS EAST FORTO HIALS EAGER SIZE CAME GRE CHOSTOT EACHBASSA CAME GRE CHOSTOT EACHBASSA BANGLADESH BANGLADESH	MODESTON MONTANTANTANTANTANTANTANTANTANTANTANTANTAN	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
	GIS LAB. ALAYA)	SCALE 1: 1,350,0 15 30 60	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 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 Region	ingii suge		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,
Pumpkin	establishment stage		grasses may be done to reduce evaporation loses.
*	I		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.
•		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.
			200-200 (2000 000 000 000 000 000 000 000 00	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"I	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-	No			immediately28°0'0"N
	18 8 8 W	De Jack	m &	Apply 86 kg/ha urea (1/3 N), 375kg SSP & 83kg MOP
	5	RESUMELIVARA	Ten Leve	as basal dose either just before transplanting or 5-10
	SHISHIA	DADENGORI EAST GARO HILLS	as Will	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	NAMES OF THE PARTY	Gap filling has to be done at 7th day after transplanting
Khasi Ma	ndarin , BETASHIG	SAMAHUA	WEST KHASI HILLS	LASKIN -25°30'0"N
	/ MINN	GAMILEGRE	WEST WINSTILLS	Application of Bordeaux mixture on tree trunk must be
	2	DALIN CHOKPOT BACHMARA	4	completed before the rain occurring.
		EGENHAUA NORONA	RAHBOR	Control of leaf miner by spraying Ekalux (1.5m/l) on new flush.
		- Liller	- January	 Spray Sulfex E 2.5 g/litre of water during flush.
		BANGLADESH	Powdery	Spray Suffex E 2.5 gride 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.
			000154.4000	
Animal Sc	iences STATE	GIS LAB.	15 30 60	00 420
Poultry	(WEGF	All stages	10 00 00	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"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.
				removed. • Pagularly inspect the drapings of the poultry hinds for
				• Regularly inspect the dropings of the poultry birds for any diseases symptom.
			Coccidiosis	Provide plenty of fresh and clean drinking water.
			Coccidiosis	 Provide pienty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg
				feed once a day as a preventive measure against
				coccidiosis.
		i	l	ı



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		Ranikhet disease	Vaccinate the poultry birds with F1/ Lasota vaccine (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 a 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 pigle 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 abortu</i> cotton strain-19 @ 5ml subcutaneous on the neck
90°0′0	C (Foot & Mouth RD B Disease, AP OF I Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes EGHagainst Foot & Mouth disease, Haemorrhagio septicaemia & Black Quarter. 33'00'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. 10'10"N-	PARENCE EASTORO HIAS	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-	GARO HILLS CAMBRIDA CAMBRIDA CHORPOT CHORPOT	WEST KHASI HILLS RANGOG	EAST HULLS CHIEF IN JAINT STETLLS STRING AND FRUITSCA. ARE AREA RELEASED STRING AND AREA RELEA
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