

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



Dated: 20/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – SOUTH WEST KHASI HILLS (Period 21st – 25th June, 2017)

Weather forecast valid up to 25th June, 2017

The possibility of Rainfall is 92.0mm for the next five days. Maximum Temp: 26-28°C, Minimum Temp: 19-20°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 94-98%, Minimum RH: 68-85%, Wind speed: 4-5Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 92.0mm C & RD

BANGLADESH

Knee high to

Tasseling stage

Vegetative stage

STATE GIS LAB. (MEGHALAYA)

Maize

Region

Bottle Gourd

High & Mid altitude

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

Main Crop/
Animal /Fisheries

Sali/Kharif Rice

Nursery/Main field preparation/Sowing

Nursery/Main field preparation/Sowing

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

SCALE 1: 1,350,0

Shoot Fly, Stem

borer

- 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.

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.

Sowing

- Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
- 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.
- Destroy the infested plant parts & stem.
- If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.
- Mulching with locally available materials like straw,





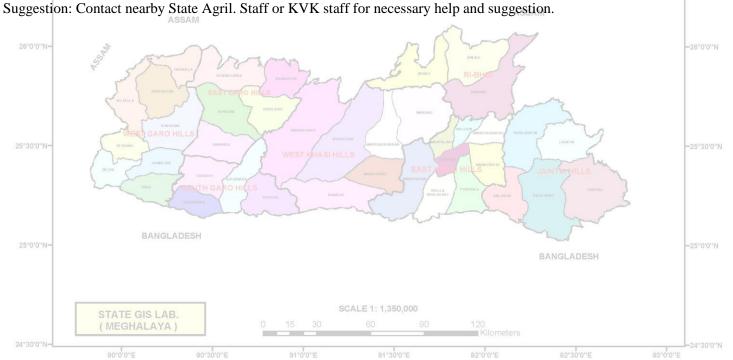
		1	massas may be done to reduce even puttien losses
			grasses may be done to reduce evaporation loses. • Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available materials like straw,
Pumpkin	, egettati të stagë		grasses may be done to reduce evaporation loses.
r			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Brinjal/Chilli	Vegetative stage		Apply urea @108 kg/ha after hand weeding at 30DAT.
v			Provide mulching materials like straw, grasses, etc to
			reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40
			DAP.
			Weeding operation may be carried out.
Tomato	Vegetative stage C	& RD BLOCK MAP OF I	• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
90°0	0'E 90°30'0''E	91°0'0"E 91°30'0"	after planting.
			Stake the plants with 1m tall stake.
26°30'0''N-			Observe your field for presence of tomato pinworm (Tula
			absoluta) & destroy the infested plants immediately to
			prevent further damage.
			• Initiate management, if the incidence is highly.
			ASSAM
Spring Potato	Vegetative stage		
26°0'0"N-			Intercultural operations such as weeding may be carried
26°0'0"N-	the I was	mm &	out. Earthing up and ensure that tuber are not expose to
× 2	THEORIELA	HANNITE TO THE TOTAL THE T	sunlight.
5	BASE GARO HIALS	Ja My	Unit State C
Khasi Mandarin	Fruit Setting	7 7	MAGAGE 3
3	ROBGRAM		Management of trunk borer: by collection & destruction
25°30'0"N-	GARO HILLS	MORGSTOR MANTHABRABIAN	of trunk borers adults by shaking the branches at 10 days
On	CAMBINGER	WEST KHASI HILLS	interval.
(73K7AK	CHOKPOT SACHMARA	La Lamana L	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
2-(DALU STATH GARO HILLS	KAHKOR AND	(10g/l) + Benomy (1g/l)
Animal Sciences	GERHANAIA	- Land	1 Line
Poultry	BANGLAD All stages		Protect poultry houses from extreme wind by covering
25°0'0"N-	BANGLADESH Stages		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.	SCALE 1: 1,350,0	
	HALAYA)	15 30 60	Diseased and dead birds should be immediately
24°30'0"N-			removed24°30'0"N
90.0,0	"E 90°30'0"E	91°0'0"E 91°30'0"	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
			FMD vaccine once in a year.



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			• 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 Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking
	C	& RD BLOCK MAP OF I	Once Common carp fry attained (5-6cm) it can be lEGHALAYAPPROPRIETE. Advanced to rearing ponds.
Major Carp/Minor	Brooders	91*0'0"E 91*30'0"E	Brood stock maintenance
Carp 26*30'0"N-			Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). 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.





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Carbofuran 3G granules@ 2-3 granule to each whorl

of plant.

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RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – WEST GARO HILLS (Period 21st – 25th June, 2017)

Weather forecast valid up to 25th June, 2017

The possibility of Rainfall is 84.0mm for the next five days. Maximum Temp: 27-30°C, Minimum Temp: 21-22°C, Cloud cover: sky will be mainly cloudy i.e. 7 Okta, Maximum RH: 97-98%, Minimum RH: 75-84%, Wind speed: 5-6 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 84.0mm

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/ ASS Stage **Pest/Diseases** Agricultural Advisories **Animal /Fisheries** Sali/Kharif Rice Nursery/Main field Nursery preparation preparation/Sowing 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 SCALE 1: 1,350,0 Repair old bunds by maintaining 20-30 cm height in 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. **Sowing** Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week. Maize Knee high to Weeding, top dressing of urea @ 44kg/ha for HYV and High & Mid altitude Tasseling 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. Shoot Fly, Stem Destroy the infested plant parts & stem. borer If shoot fly incidence is severe in maize, than apply





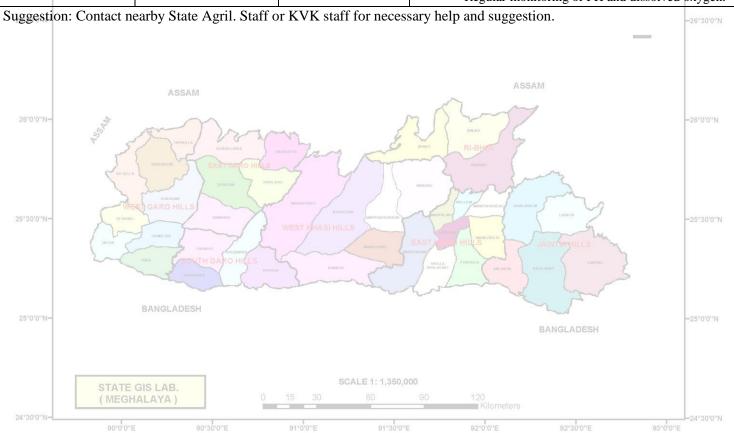
D 441 C	7	X7		1	
Bottle Go	urd	Vegetative stage		•	Mulching with locally available materials like straw,
					grasses may be done to reduce evaporation loses.
				•	Support of bamboo structure for climbing upward may
A 1 C	1.0	V			be raised for proper growth.
Ash Gour	a &	Vegetative stage		•	Mulching with locally available materials like straw,
Pumpkin					grasses may be done to reduce evaporation loses.
				•	Support of bamboo structure for climbing upward may
D 1 1 1/0		XX			be raised for proper growth.
Brinjal/C	niiii	Vegetative stage		•	Apply urea @108 kg/ha after hand weeding at 30DAT.
					Provide mulching materials like straw, grasses, etc to
C: /T	•	X7			reduce evaporation loses.
Ginger/Tu	ırmeric	Vegetative stage		•	Manuring & fertilizer: Apply ½ dose of Urea at 40
					DAP.
TD 4		C	& RD BLOCK MAP OF N		H Weeding operation may be carried out.
Tomato	90.0.0	E Vegetative stage	91°0'0"E 91°30'0"E		Top dressing of N (5g/plant) and K (5g/plant) at 45 days
					after planting.
26°30'0"N-				• 5	Stake the plants with 1m tall stake.
				• (Observe your field for presence of tomato pinworm (Tula
				a	absoluta) & destroy the infested plants immediately to
				1	prevent further damage.
				•]	Initiate management, if the incidence is highly.
		ASSAM			A CONTIN
Khasi Ma	ndarin	Fruit Setting		0	20000000
20 0 0 N	SSAM	An Thomas	an s	5	Management of trunk borer: by collection & destruction
	F 5	THE MOVELLA MESSURE LIVAGE	1	MANG	of trunk borers adults by shaking the branches at 10 days
	1	DARENGGIN CA COMMON MILES	JEN TON	~	interval.
	CHESELIA	Ensurante mars	7	•	Management of fruit drop: Spray 2,4-D 15mg/l + Urea
	1	Songsan & Rongs	1 1 13	MARANG	(10g/l) + Benomy (1g/l)
		ST GARO HILLS	MONOSTRIUT MONOSTRIU		MILLIEM MINISTERICALE BOO WADLANKED
Animal So	ciences	A SAMARIJA	WEST KHASI HILLS	7	-25°30'0"N
Poultry	200200	All stages		E.ST	Protect poultry houses from extreme wind by covering
•	Land I	BALE CHOKPOT BACHMARA	4	armonal.	with polythene sheets on the sheds.
		- CESSIANALA ROPOR	RAHROR	· mis	Provide vitamin B complex @ 7ml/litre in drinking
		- Low	- January	6	water daily in broiler for healthy growth.
		BANGLADESH		•	Litter should be changed periodically and provide clean
25°0'0"N-		BANGLADEGN			drinking water and change the water every day?50000N
				•	Diseased and dead birds should be immediately
					removed.
				•	Regularly inspect the dropings of the poultry birds for
	CTATE	GIS LAB.	SCALE 1: 1,350,0	00	any diseases symptom.
		ALAYA)	15 Coccidiosis	.90	Provide plenty of fresh and clean drinking water.
24°30′0"N-				•	Provide coccidiostatic like Amprolium @ 25-65 mg/kg
27 00 0 11 2	90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E		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
· -88~*J					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 & l	Ruffaloos	6-9 months calves	Brucellosis	•	Vaccinate 6-9 months old calves with <i>Brucella abortus</i>
Cattle & I	Dullaives	0-7 monuis carves	Diucchosis	_	vaccinate 0-3 months old carves with brucena abortus



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			cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	Undertake regular immunization of cattle & buffaloes
		Disease,	against Foot & Mouth disease, Haemorrhagic
		Haemorrhagic	septicaemia & Black Quarter.
		Septicaemia, Black	
		Quarter	
Fishery			
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			Provide sufficient feed to the brooder for proper egg
	C	& RD BLOCK MAP OF M	IEGHALA development (Rice bran, mustard oil cake, fish
	90°0'0'E 90°30'0"E	91°0'0"E 91°30'0"E	meal, minerals & vitamins).
			Regular monitoring of PH and dissolved oxygen.





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RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – WEST JAINTIA HILLS (Period 21st – 25th June, 2017)

Weather forecast valid up to 25th June, 2017

The possibility of Rainfall is 88.0mm for the next five days. Maximum Temp: 27-29°C, Minimum Temp: 19-20°C, Cloud cover: sky will be mainly cloudy i.e. 7-8 Okta, Maximum RH: 94-98%, Minimum RH: 64-79%, Wind speed: 2 Kmph, Wind direction: East-Southwest.

Weekly cumulative rainfall: 88.0mm

STATE GIS LAB. (MEGHALAYA)

Knee high to

Tasseling stage

Vegetative stage

Maize

Region

Bottle Gourd

High & Mid altitude

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 preparation/Sowing 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 Bayistin 50WP @ 2g/l with water for BANGLADESH 24hr to protect the crop from blast, Sheath blight, brown

SCALE 1: 1,350,0

Shoot Fly, Stem

borer

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

Sowing

- Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
- 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.
- Destroy the infested plant parts & stem.
- If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.
- Mulching with locally available materials like straw,





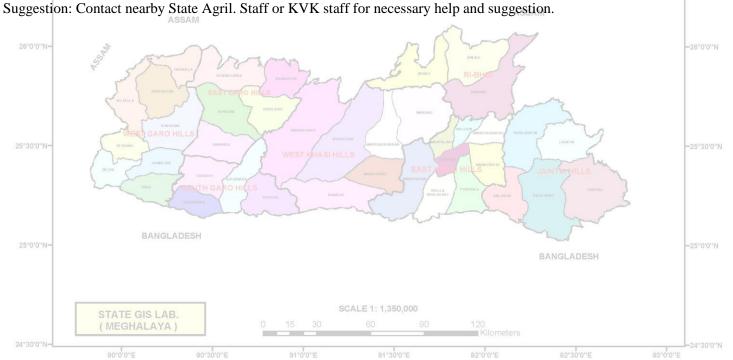
		<u> </u>	
			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available materials like straw,
Pumpkin			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Brinjal/Chilli	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	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40
			DAP.
			Weeding operation may be carried out.
Tomato	Vegetative stage	& RD BLOCK MAP OF N	• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
90°0'0	'E 90°30'0"E	91°0'0"E 91°30'0"E	after planting.
	'		Stake the plants with 1m tall stake.
26°30'0"N=			Observe your field for presence of tomato pinworm (Tula
20 30 0 14			absoluta) & destroy the infested plants immediately to
			prevent further damage.
			• Initiate management, if the incidence is highly.
Spring Potato	Vegetative stage		ASSAM
	v egetati ve stage		Intercultural operations such as weeding may be carried
26°0'0"N-	and and		out. Earthing up and ensure that tuber are not expose to
8	HIMMOLIA V35 %	W. F.	V V
500	REBURELIMARA	LEN COM	sunlight.
Khasi Mandarin	Fruit Setting	3 4	INCOME.
Kilasi Waliuai ili	Truit Setting Rongs		Management of trunk borer: by collection & destruction
	ST GARO HILLS	MANAGEMENT /	of trunk borers adults by shaking the branches at 10 days
25°30'0"N-	SAMAHUA	WEST KHASI HILLS	interval.
1	CAMBICAE J	WEST KHASI HILLS	Management of fruit drop: Spray 2,4-D 15mg/l + Urea
\$ \$	CHOKPOT (BAGHMARA)	A STATE OF THE STA	(10g/l) + Benomy (1g/l)
2	BALL BALL BONGE	RAHROR SAN	BULLACALLY CENTRAL BELLEVINE
Animal Sciences		- Land	of when I have been been been been been been been be
Poultry	BANGLAD All stages		Protect poultry houses from extreme wind by covering
25°0'0''N=	BANGLADESH Stages		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
OTATE.	CICLAR	SCALE 1: 1,350,0	
	GIS LAB.	15 30 60	Diseased and dead birds should be immediately
24°30′0″N-			removed.
90°0'0"1	90°30'0"E	91°0'0"E 91°30'0"E	Regularly inspect the dropings of the poultry birds for
			any diseases symptom.
		Coccidiosis	Provide plenty of fresh and clean drinking water.
		Cocciaiosis	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)
		Tantanot discuse	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
1 1ggc1 y	An suges		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.
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			• 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 Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking
	C	RD BLOCK MAP OF I	Once Common carp fry attained (5-6cm) it can be lEGHALAYANAMENTAL TO SERVICE TO SER
Major Carp/Minor	Brooders	91"0"0"E 91"30"0"E	Brood stock maintenance
Carp 26°30'0"N-			Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). 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.





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RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – WEST KHASI HILLS (Period 21st – 25th June, 2017)

Weather forecast valid up to 25th June, 2017

The possibility of Rainfall is 102.0mm for the next five days. Maximum Temp: 24-28°C, Minimum Temp: 19-20°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 95-98%, Minimum RH: 70-86%, Wind speed: 3-4 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 102.0mm C & RD BLOCK MAP OF MEGHALAYA

92°30'0"E Agro meteorological Advisories for coming 5 days

	drainage in the crop fie		
Main Crop/	Stage	Pest/Diseases	Agricultural Advisories
Animal /Fisheries	ASSAM		Account
Sali/Kharif Rice	Nursery/Main field preparation/Sowing DATE HOLD BY STREET LAND A STREET	MODEST KHASI HILLS MODESTON MEST KHASI HILLS MODESTON MANUAL TOWARD RADILAR MANUAL TOW	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 91°00"E 91°30'0"E	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. Sowing
			Sowing of seeds in nursery bed can be done as there is Sowing of seeds in nursery bed can be done as there is
Maize High & Mid altitude Region	Knee high to Tasseling stage		 probability of moderate rainfall in the coming week. 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.
		Shoot Fly, Stem borer	 Destroy the infested plant parts & stem. If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		Mulching with locally available materials like straw,





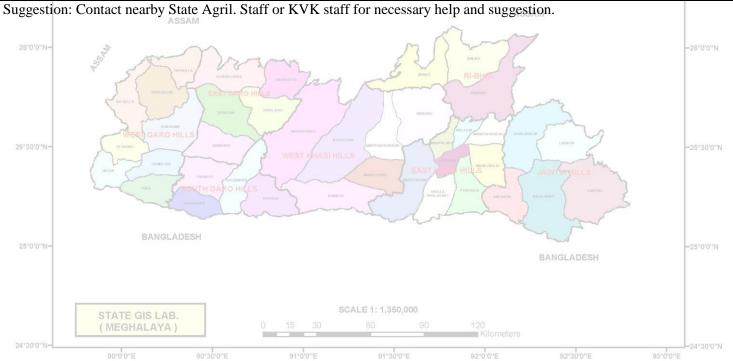
	T	Т	
			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
4 1 G 10	***		be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available materials like straw,
Pumpkin			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
D-2-2-1/CL2112	Manadatina ataua		be raised for proper growth.
Brinjal/Chilli	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	Wanatatian atau		1
Ginger/Turmeric	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP.
Tomoto	Vacatativa stage	DD DLOOK MAD OF I	Weeding operation may be carried out. Company
Tomato	Vegetative stage	RD BLOCK MAP OF I	Top dressing of N (5g/plant) and K (5g/plant) at 45 days
90°0'0	E 90°30'0"E	91°0'0"E 91°30'0"E	
			Stake the plants with 1m tall stake.
26°30'0"N=			Observe your field for presence of tomato pinworm (Tula
			absoluta) & destroy the infested plants immediately to
			prevent further damage.
			• Initiate management, if the incidence is highly.
			ASSAM
Spring Potato	Vegetative stage		
26°0'0"N-			Intercultural operations such as weeding may be carried
26°0'0"N-	The property	m &	out. Earthing up and ensure that tuber are not expose to
× 5	THEMPOLIA NESUBELIVARA	MARKETTA TOMAN	sunlight.
	DADENGGEN EAST GARO HILLS	at I May	HANNET.
Khasi Mandarin	Fruit Setting ****	1 1	MODAGE STATE OF THE STATE OF TH
3	ROBGRAM	/	Management of trunk borer: by collection & destruction
25°30'0"N-	GARO HILLS	NONCSTON MANYTHAD RASHAM	of trunk borers adults by shaking the branches at 10 days
	CAMPLESE	WEST HHASI HILLS	interval.
72K7AH 5	CHOKPOT PAGRIMANYA	La Lamana La	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
2-(THE GAROHILLS	RAMBOR	(10g/l) + Benomy (1g/l)
	CARRAMAN NO.	3	
Animal Sciences			and the same
Poultry	BANGLADAll stages		Protect poultry houses from extreme wind by covering
23 0 0 14			with polythene sheets on the sheds.
			Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
2700 11.0000	The second second	SCALE 1: 1,350,0	Litter should be changed periodically and provide clean
	GIS LAB.	15 30 60	drinking water and change the water every day.
	ALAYA)	10 00	Diseased and dead birds should be immediately
24°30'0"N	90°30'0"E	91°0'0"E 91°30'0"E	removed 92°30'0"E 93°0'0"E 93°0'0"E
			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
		D 11.1	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
			FMD vaccine once in a year.



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



	I		T 1
			• 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
		Haemorrhagic	septicaemia & Black Quarter.
		Septicaemia, Black	
		Quarter	
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking
		200-200 (2000 0000 0000 000 0000 0000 00	 Once Common carp fry attained (5-6cm) it can be
	C	& RD BLOCK MAP OF I	lEGHALAYA harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	91*0'0"E 91*30'0"I	Brood stock maintenance
Carp			Provide sufficient feed to the brooder for proper egg
26°30'0''N-			development (Rice bran, mustard oil cake, fish
			meal, minerals & vitamins).
			Regular monitoring of PH and dissolved oxygen.





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



Dated: 20/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – East Garo Hills (Period 21st – 25th June, 2017)

Weather summery of the past five days

Weather forecast valid up to 25th June, 2017

Sky was partly cloudy with 102.0mm rainfall. Maximum temperatures ranged between 27-30°C and minimum ranged between 19-21°C. Relative humidity was 95-98% in morning and 55-87% in evening. Wind speed ranged between: 4-6 kmph.

The possibility of Rainfall is 90.0mm for the next five days. Maximum Temp: 25-29°C, Minimum Temp: 21-22°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 96-98%, Minimum RH: 72-86%, Wind speed: 4-5 Kmph, Wind direction: East-Southeast.

ASSAM

C & RD BLOCK MAP OF Weekly cumulative rainfall: 90.0mm

Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

	op/ Animal	ASSAM Stage	Pest/Diseases	Agricultural Advisories
200 0 0 10	sheries		m ()	-26°0'0"N
25°30'0"N-	or House	7.00 Dec. 1	SCALE 1: 1,350,000 30 60 90	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. 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 & Region	Mid altitude	Knee high to Tasseling stage		rain in the previous days, farmers should start ploughing of their main field. Sowing Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week. 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.
		Shoot Fly, Stem borer	 Destroy the infested plant parts & stem. If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative 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	Vegetative stage	D BLOCK MAP OF MEGHAL	Mulching with locally available materials like straw, grasses may be done to reduce aya evaporation loses.
90°0'0"E	90°30'0"E 9	°0'0"E 91°30'0"E	• Support of bamboo structure for climbing upward may be raised for proper growth.
Brinjal/Chilli	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	Vegetative stage		Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Wooding operation may be carried out.
Tomato	Vegetative stage	n n	Weeding operation may be carried out. Top dressing of N (5g/plant) and K (5g/plant)
25°30'0"N-	TRUBELIA RESIDENCE HOLE SCHOOL	MANAGE MA	 at 45 days after planting. Stake the plants with 1m tall stake. Observe your field for presence of tomato pinworm (Tula absoluta) & destroy the infested plants immediately to prevent further damage. Initiate management, if the incidence is highly.
25°0'0"N=	Fruit Setting S SONGRA	EARLOGI SULLA SULL	 Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences		T	
Poultry STATE GIS (MEGHAL 24°30'0"N- 90°0"0"E		SCALE 1: 1,350,000 30 60 90 TO'O'E 91*30'O'E Coccidiosis	 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. Provide plenty of fresh and clean drinking
			water. • Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive



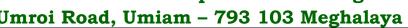
ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



			measure against coccidiosis.
		Ranikhet disease	Vaccinate the poultry birds with F1/ Lasota
		Tamknet disease	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 & R	D BLOC/Brucellosis/IEGHAL	AVA Vaccinate 6-9 months old calves with
90°0'0"E		°0'0"E 91°30'0"E	Brucella abortus cotton strain-19 @ 5ml
			subcutaneous on the neck
26°30'0''N=		Foot & Mouth Disease,	Undertake regular immunization of cattle &
		Haemorrhagic	buffaloes against Foot & Mouth disease,
		Septicaemia, Black Quarter	Haemorrhagic septicaemia & Black Quarter.
Fishery		Quarter	
Common carp	Fry stage/Advance fry		Fry stocking
Common carp	Try stage/Advance fry	No.	
26°0'0"N-		MO	Once Common carp fry attained (5-6cm)
26°0'0"N-	TO STATE AND A STA	Tan English	once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor Carp	Brooders Salton Hills	my fine	it can be harvest and transferred to
505	Brooders EAS 1000 O HILLS	ADANG MORANG	it can be harvest and transferred to rearing ponds.
505	SONGSAR ROWGENS	MANG MANG MANG AND	it can be harvest and transferred to rearing ponds. Brood stock maintenance Provide sufficient feed to the brooder for
505	Brooders East STAC HIGE MONGENO AND ADDRESS AND ADDRES	ADAIS MOUST TON MOUST TON MOUST ANN MOUS	it can be harvest and transferred to rearing ponds. Brood stock maintenance Provide sufficient feed to the brooder for proper egg development (Rice bran,
Major Carp/Minor Carp	SONGSAR ROWGENS	MONTAGE MANAGE M	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 &
Major Carp/Minor Carp	SONGERO SONGER	EAST LINESTRAM	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).
Major Carp/Minor Carp	SONGSAR ROWGENS	MODISTON AND THE STATE OF THE S	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
Major Carp/Minor Carp	ACMORAN SONGERO SONGER	EAST HOSTINAM SUCLASALI SUCLASI SUCLASALI SUCLASALI SUCLASALI SUCLASALI SUCL	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.
Major Carp/Minor Carp 25°30'0"N Suggestion: Contact nea	ACMORAN SONGERO SONGER	EAST LINESTRAM	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.
Major Carp/Minor Carp 25°30'0"N- Suggestion: Contact near	STATE OF STATE Agril. Staff or	EAST HOSTINAM SUCLASALI SUCLASI SUCLASALI SUCLASALI SUCLASALI SUCLASALI SUCL	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. Ip and suggestion.
Major Carp/Minor Carp 25°30'0"N- Suggestion: Contact nea	STATE OF STATE Agril. Staff or	EAST HOSTINAM SUCLASALI SUCLASI SUCLASALI SUCLASALI SUCLASALI SUCLASALI SUCL	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. lp and suggestion.
Major Carp/Minor Carp 25°30'0"N- Suggestion: Contact nea	STATE OF STATE Agril. Staff or	EAST HOSTINAL STREET HOSTINAL	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. Ip and suggestion.
Major Carp/Minor Carp 25°30'0"N- Suggestion: Contact nea	AMBIGUE ABRIGUE ABRIGU	KVK staff for necessary he	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. Ip and suggestion.
Major Carp/Minor Carp 25°30'0"N- Suggestion: Contact nea 25°0'0"N-	TAROHILLS THE CHOCKES THE CHO	KVK staff for necessary he	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. Ip and suggestion.
Major Carp/Minor Carp 25°30'0"N- Suggestion: Contact nea	TAROHILLS THE CHOCKES THE CHO	KVK staff for necessary he	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. Ip and suggestion.



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





Dated: 20/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – EAST JAINTIA HILLS (Period 21st – 25th June, 2017)

Weather forecast valid up to 25th June, 2017

The possibility of Rainfall is 48.0mm for the next five days. Maximum Temp: 27-29°C, Minimum Temp: 20-21°C, Cloud cover: sky will be mainly cloudy i.e. 7-8 Okta, Maximum RH: 95-98%, Minimum RH: 61-73%, Wind speed: 2-3 Kmph, Wind direction: East-Southwest.

Weekly cumulative rainfall: 48.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing PRODUCTION SOWING PRODUCTION	WEST BHASI HILLS RANGER RANG	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
	SIS LAB. ALAYA)	SCALE 1: 1,350,00	 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 rain in the previous days,
24°30'0"N	90°30'0"E	91°0'0"E 91°30'0"E	farmers should start ploughing of their main field. Sowing Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling 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.
		Shoot Fly, Stem borer	 Destroy the infested plant parts & stem. If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative stage		• Mulching with locally available materials like straw,





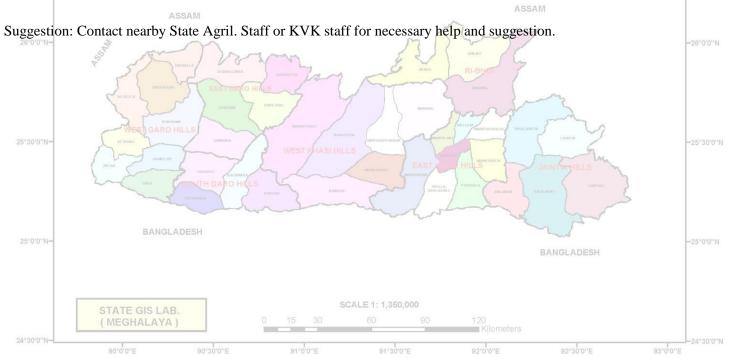
			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		• Mulching with locally available materials like straw,
Pumpkin			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
	**		be raised for proper growth.
Brinjal/Chilli	Vegetative stage		• Apply urea @108 kg/ha after hand weeding at 30DAT.
			Provide mulching materials like straw, grasses, etc to
Ciara and Transcript	77		reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP.
			 Weeding operation may be carried out.
Tomoto	Vacatativa stage	DD DLOOK MAD OF A	
Tomato	Vegetative stage C 8		• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
90,0,0,1	90°30'0''E	91°0'0"E 91°30'0"E	
			Stake the plants with 1m tall stake. The stake the plants with 1m tall stake.
26°30'0"N=			Observe your field for presence of tomato pinworm (Tula
			absoluta) & destroy the infested plants immediately to
			prevent further damage.
			• Initiate management, if the incidence is highly.
G · D · ·	TT ASSAM		ASSAM
Spring Potato	Vegetative stage		• Interpolational assertions such as wooding may be seemed
26°0'0"N-		5	• Intercultural operations such as weeding may be carried
85	MANNEY NOW	M &	out. Earthing up and ensure that tuber are not expose to
500	NEBUBELIVARA XII	The same of the sa	sunlight.
Khasi Mandarin	Fruit Setting	3 4 1	1964 STATE
Kiiasi Waliuai iii	January Truit Setting 7 ROMGAIN		Management of trunk borer: by collection & destruction
	GARO HILLS	MONOGRADUI / WORKEROW	of trunk borers adults by shaking the branches at 10 days
25°30'0"N-	SAMAHUA	WEST KHASI HILLS	interval.
NOM C) CAMILEGIE		• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
2	DALLI CHOMPOT BACHMARA	4	(10g/l) + Benomy (1g/l)
	ECHERALIA ROBORA	RAHROR	BOOL AGAILS AND
Animal Sciences	The same	- Designation	further hard
Poultry	BANGLAD All stages		Protect poultry houses from extreme wind by covering
25°0'0"N-			with polythene sheets on the sheds.
			Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
		000154.40000	Litter should be changed periodically and provide clean
	SIS LAB.	SCALE 1: 1,350,00	drinking water and change the water every day.
(MEGH.	ALAYA)	10 00	Diseased and dead birds should be immediately
24°30'0"N-			
United Marines and Male 195	90°30'0"E	91°0'0"E 91°30'0"E	removed.
90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E	removed. • Regularly inspect the dropings of the poultry birds for
United Marines and Male 195	90°30°0″E		removed. • Regularly inspect the dropings of the poultry birds for any diseases symptom.
United Marines and Male 195	90°30'0''E	Socidiosis Strategies	removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water.
United Marines and Male 195	90°30'0"E		removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg
United Marines and Male 195	90°30'0"E		removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against
United Marines and Male 195	90°30'0"E		removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
United Marines and Male 195	90°30'0''E	Coccidiosis	removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1
United Marines and Male 195	90°30'0''E	Coccidiosis	removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
United Marines and Male 195	All stages	Coccidiosis	 Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
90°0'0"€		Coccidiosis	removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
90°0'0"€		Coccidiosis	removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota 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



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



			• 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 Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking
	C 8	RD BLOCK MAP OF N	Once Common carp fry attained (5-6cm) it can be EGHALAYA harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	91"0"0"E 91"30"0"E	Brood stock maintenance
Carp 26°30'0"N=			 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.





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



Dated: 20/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/22

STATE GIS LAB.

(MEGHALAYA)

Maize

Region

High & Mid altitude

Knee high to

Tasseling stage

Agro Advisory Bulletin – EAST KHASI HILLS (Period 21st – 25th June, 2017)

Weather forecast valid up to 25th June, 2017

The possibility of Rainfall is 86.0mm for the next five days. Maximum Temp: 26-28°C, Minimum Temp: 19-20°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 94-98%, Minimum RH: 65-84%, Wind speed: 2-4 Kmph, Wind direction: East-Southwest.

Weekly cumulative rainfall: 86.0mm 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/Sowing 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.

SCALE 1: 1,350,0

Shoot Fly, Stem

borer

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.

Sowing

- Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
- 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.
 - Destroy the infested plant parts & stem.
 - If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.





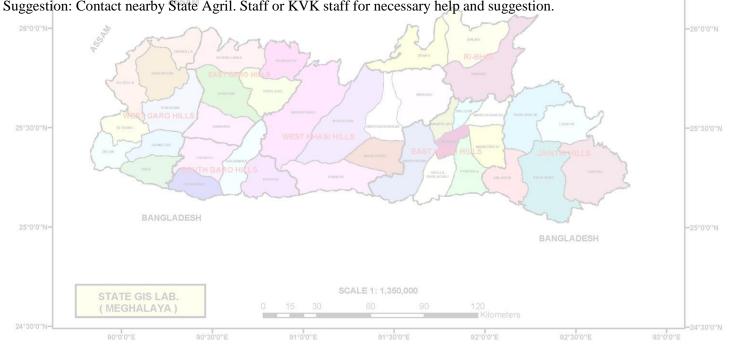
Bottle Gourd	Vegetative stage	<u> </u>	• Mulahing with locally available metanicle like stress
Dottie Goura	vegetative stage		• Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses.
			 Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available materials like straw,
Pumpkin			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Brinjal/Chilli	Vegetative stage		Apply urea @108 kg/ha after hand weeding at 30DAT. Provide multiple protocials like throughout to the control of the con
			Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		Manuring & fertilizer: Apply ½ dose of Urea at 40
Omger, 1 minerie	, egettiti to stuge		DAP.
	С	& RD BLOCK MAP OF I	■GH Weeding operation may be carried out.
Tomato 90°0'0	Vegetative stage	91°0'0"E 91°30'0"	• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
			after planting.
26°30'0"N-			• Stake the plants with 1m tall stake.
			Observe your field for presence of tomato pinworm (Tula
			absoluta) & destroy the infested plants immediately to
			prevent further damage.
	ASSAM		• Initiate management, if the incidence is highly.
Spring Potato	Vegetative stage		
Spring Potato	The same of the sa	an /	• Intercultural operations such as weeding may be carried
8 5	THEMPELLA RESURELINGRA	The state of the s	out. Earthing up and ensure that tuber are not expose to
5	BARROCHI EAST GARO HIALS	the free the	sunlight.
SELSELLI	3 2000	7 9 1	MANAGE AND
Khasi Mandarin	Fruit Setting	Supercount /	Management of trials horse by collection & destruction
25°30'0"N-	SAMAHUA	WEST KHA SI HILLS	• Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days
THE AMERICAN	GAMILEGRE J	WEST KHASI HILLS	interval.
Land Land	DALLI CHOKPOT BAGHMARA	4	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
	CASBRANCIA BOHOR	RAHROR	(10g/l) + Benomy (1g/l)
4 1 10 1		- The same	harmy gar
Animal Sciences	BANGLADESH A11 stages	<u> </u>	Detection in the second
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.
STATE	GIS LAB.	SCALE 1: 1,350,0	
	ALAYA)	15 30 60	drinking water and change the water every day.
24°30'0"N-	90°30'0"E	0400000	Diseased and dead birds should be immediately removed TE 82,390°E 83,00°E
90,0,0,1	90-30-0-E	91°30'0"E 91°30'0"!	removed.
			Regularly inspect the dropings of the poultry birds for any diseases symptom.
		Coccidiosis	Provide plenty of fresh and clean drinking water.
		20000000	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
Piggory	All stages		eye and nostril.Vaccinate all newly born piglets against swine fever at
Piggery	An stages		the age of 3 months followed by annual booster dose.
			In epidemic areas, vaccinate 6 months old pigs with
	1	1	the first areas, the single of months of the pigs with



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



			 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
		Foot & Mouth Disease, Haemorrhagic	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
		Septicaemia, Black Quarter	
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking
	C	& RD BLOCK MAP OF I	EGHALA Once Common carp fry attained (5-6cm) it can be
90°0		91°0'0"E 91°30'0"	
Major Carp/Minor	Brooders		Brood stock maintenance
Carp30'0"N-			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.





Region

GRAMIN KRISHI MAUSAM SEWA

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



Dated: 20/06/2017

be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation

If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl

Destroy the infested plant parts & stem.

loses of moisture.

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

RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – NORTH GARO HILLS (Period 21st – 25th June, 2017)

Weather forecast valid up to 25th June, 2017

The possibility of Rainfall is 97.0mm for the next five days. Maximum Temp: 25-28°C, Minimum Temp: 20-21°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 97-98%, Minimum RH: 72-87%, Wind speed: 2-4 Kmph, Wind direction: Northeast-Southeast.

Weekly cumulative rainfall: 97.0mm C & RD BLOCK MAP OF MEGHALAYA 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/Sowing • 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. **Sowing** Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week. Knee high to Weeding, top dressing of urea @ 44kg/ha for HYV and Maize High & Mid altitude Tasseling stage 33Kg for local varieties followed by earthing up should

Shoot Fly, Stem

borer





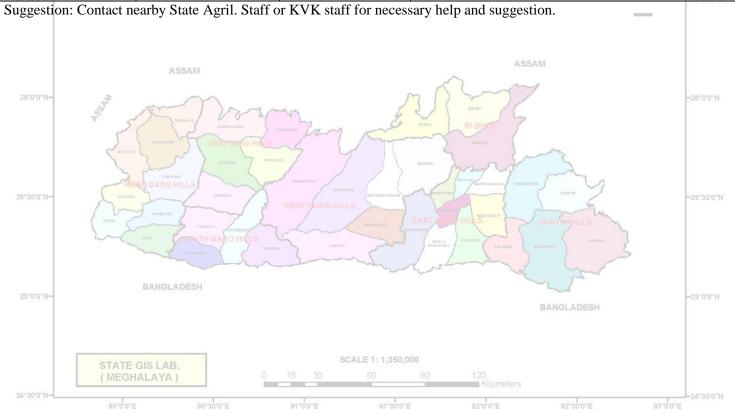
			ofplant
Bottle Gourd	Vegetative stage		of plant.Mulching with locally available materials like straw,
Donie Goura	v egetative stage		grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available materials like straw,
Pumpkin			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
D 4 4 1/G1 171	***		be raised for proper growth.
Brinjal/Chilli	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	Vegetative stage		Manuring & fertilizer: Apply ½ dose of Urea at 40
omger, rurmerre	v egetative stage	& RD BLOCK MAP OF I	
90	'0'0'E 90°30'0''E	91°0'0"E 91°30'0"	Weeding operation may be carried out.
Tomato	Vegetative stage		• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
26°30'0"N-			after planting.
			• Stake the plants with 1m tall stake.
			Observe your field for presence of tomato pinworm (Tula
			absoluta) & destroy the infested plants immediately to
	ASSAM		prevent further damage.
	ASSAM		• Initiate management, if the incidence is highly.
26°0′0"N=	T CO)	-28°0'0"N
Khasi Mandarin	Fruit Setting	W E	Management of trunk horozy by collection & destruction
ſ	RESURELIVARA	Jan Jan	 Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days
C/a	SELLA EAST GARO HIALS	3 4	interval.
,	S CHICAGO SONGERS SONGERS		• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
	West GARO HILLS	MONOSTON NONCSTON	(10g/l) + Benomy (1g/l)
25°30'0"N-	Action 1	WEST KHASI HILLS	-25°30'0"N
Animal Sciences	A 11 EAGHMAN	- Comment	EAST HILLS
Poultry	All stages	EARBOR	• Protect poultry houses from extreme wind by covering with polythene sheets on the sheds.
	T common	I make	• Provide vitamin B complex @ 7ml/litre in drinking
	BANGLADESH		water daily in broiler for healthy growth.
25°0'0''N-	DANOLADION		Litter should be changed periodically and provide clean
			drinking water and change the water every day.
			Diseased and dead birds should be immediately
		SCALE 4, 4 250.0	removed.
	TE GIS LAB. GHALAYA)	SCALE 1: 1,350,0	Regularly hispect the dropings of the pountry blids for
24°30'0"N-	OTALATA)	Coccidiosis	 any diseases symptom. Provide plenty of fresh and clean drinking water.
90°0	.0E 80.30,0,.E	91°0'0"E 91°30'0"	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
Diagour.	A 11 ata ===		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.



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



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 Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Fishery			
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	C	& RD BLOCK MAP OF I	Provide sufficient feed to the brooder for proper egg
90	0°0'0'E 90°30'0"E	91°0'0"E 91°30'0"I	development (Rice bran, mustard oil cake, fish
26°30'0"N=			 Regular monitoring of PH and dissolved oxygen.





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



Dated: 20/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – Ri-Bhoi (Period 21st – 25th June, 2017)

Weather summery of the past four days

91°0'0"E

Weather forecast valid up to 25th June, 2017

Sky was mainly cloudy with 129.3mm of rainfall. Maximum temperatures ranged between 24.6-28.6°C and minimum ranged between 16.8 - 18.7°C. Mean relative humidity was 96-98% in morning and 46-95% in evening. Wind speed ranged between 2-3 kmph.

The possibility of Rainfall is 97.0mm for the next five days. Maximum Temp: 25.0-28.0°C, Minimum Temp: 18.0-20.0°C, Cloud cover: sky will be mainly cloudy i.e. 6-7 Okta, Maximum RH: 97-99%, Minimum RH: 71-85%, Wind speed: 2-3 Kmph, Wind direction: East-South.

Weekly cumulative rainfall: 97.0mm

etecrological Advisories for coming E days

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/Sowing 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 (MEGHALAYA) 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. Sowing Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week. Knee high to Weeding, top dressing of urea @ 44kg/ha for Maize High & Mid altitude Tasseling 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.





		T	
		Shoot Fly, Stem borer	 Destroy the infested plant parts & stem. If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.
Bottle Gourd	Vegetative 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	Vegetative stage	D BLOCK MAP OF ME	 Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward SHAL may be raised for proper growth.
Brinjal/Chilli	Vegetative stage	1°0'0"E 91°30'0"E	Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		 Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out.
Tomato 26'0'0"N-	Vegetative stage INDUCALA RESULTANA ANABASET EAST STATE HILLS ROWGRAM ROWGRAM ANABASET ANA	MONTHAN MONTHAN AND AND AND AND AND AND AND AND AND A	 Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. Observe your field for presence of tomato pinworm (Tula absoluta) & destroy the infested plants immediately to prevent further damage. Initiate management, if the incidence is highly.
Spring Potato	Vegetative stage WE Vegetative stage ANGLADESH	ST KHASI HILLS BORYERI BARBOR	Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight.
Khasi Mandarin STATE GIS (MEGHAL	Fruit Setting	SCALE 1: 1,350,000	 Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences	90''30''0''E 9	1100'E 91130'0'E	az d'orie az solorie as rolorie
Poultry	All stages	Coccidiosis	 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.
		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 FMD vaccine once in a year.
			• Iron supplementation in piglet to prevent from piglet anaemia during 1 st week of age.
		D BISkin infection ME	A Provide Ivermectin (Injection) @ 10mg/33kg body wto2000'E 92°300'E 93°00'E
Cattle & Buffaloes	6-9 months calves	Brucellosis	Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
	ASSAM	Foot & Mouth Disease, Haemorrhagic Septicaemia, Black	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
PERO'NIN-		Quarter	-26°0'0"N
Fishery	Fry stage/Advance fry		IMANO A S
Common carp	CASTISTICO HILLS SCHOOLANI BARO HILLS	MONOSTON MONOSTON	Fry stocking Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	ST KHASI HILLS	Brood stock maintenance
Carp	THE GARO HILLS	EAS MODERNA	Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard)
	T. CASHANNIA	I make of	oil cake, fish meal, minerals & vitamins).
B	ANGLADESH		 Regular monitoring of PH and dissolved
25°0'0"N-			oxygen25°00"N
ggestion: Contact near	LAB.	SCALE 1: 1,350,000	
(111m - 111 m			Kilometers



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



Dated: 20/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – SOUTH GARO HILLS (Period 21st – 25th June, 2017)

Weather forecast valid up to 25th June, 2017

The possibility of Rainfall is 88.0mm for the next five days. Maximum Temp: 27-29°C, Minimum Temp: 20-21°C, Cloud cover: sky will be mainly cloudy i.e. 7-8 Okta, Maximum RH: 96-98%, Minimum RH: 73-85%, Wind speed: 5-7 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 88.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

Make Crop/

Store

Post/Discords

Advisories

 Make proper 	drainage in the crop fie	elds	
Main Crop/ Animal /Fisheries	ASS.Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Nursery/Main field preparation/Sowing PROFESSIONAL SERVICE LANGE AND SERVICE LANGE	WEST IGHA SI HILLS WEST IGHA SI 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
25°0'0"N-	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
(MEGH	GIS LAB. ALAYA)	SCALE 1: 1,350,0	
24°30'0"N-L 90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"!	farmers should start ploughing of their main field. Sowing Sowing of seeds in nursery bed can be done as there is probability of moderate rainfall in the coming week.
Maize High & Mid altitude Region	Knee high to Tasseling 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.
		Shoot Fly, Stem borer	 Destroy the infested plant parts & stem. If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.





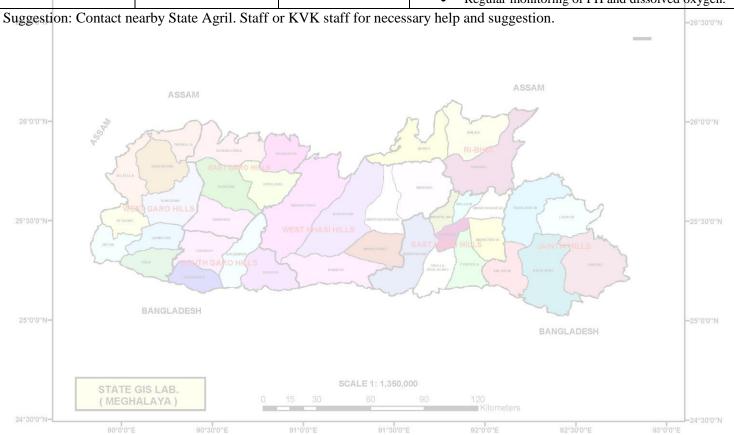
D WI C I	X7		
Bottle Gourd	Vegetative stage		• Mulching with locally available materials like straw,
			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		• Mulching with locally available materials like straw,
Pumpkin			grasses may be done to reduce evaporation loses.
			• Support of bamboo structure for climbing upward may
			be raised for proper growth.
Brinjal/Chilli	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	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40
			DAP.
	C	& RD BLOCK MAP OF N	Meeding operation may be carried out.
Tomato 90°0'0'	Vegetative stage	91°0'0"E 91°30'0"E	• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
·			after planting.
26°30'0"N=			• Stake the plants with 1m tall stake.
			• Observe your field for presence of tomato pinworm (Tula
			absoluta) & destroy the infested plants immediately to
			prevent further damage.
			• Initiate management, if the incidence is highly.
	ASSAM		<u> </u>
Khasi Mandarin	Fruit Setting		-26°0'0"N
SSA	Level 1 Joseph	an E	Management of trunk borer: by collection & destruction
× 5	THE MORALEA RESURELIFARA	manufacture of the second	of trunk borers adults by shaking the branches at 10 days
5	DADENGORI EAST GARO HILLS	The land	interval.
E MISSILA	SONGEAR RONGE	7 9	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
3	ROBGRAM .		(10g/l) + Benomy $(1g/l)$
25°30'0"No	GARO HILLS	MONGSTON MONTHAD RABINAL	-25°30'0"N
Animal Sciences	CAMBIGUE	WEST KHASI HILLS	
Poultry	All stages	La Lamonia La	Protect poultry houses from extreme wind by covering
2	DALU TONTH GARO HILLS	HARROR	with polythene sheets on the sheds.
	GESHANADA	I made	Provide vitamin B complex @ 7ml/litre in drinking proton delibring has illustrated by grounds.
			 water daily in broiler for healthy growth. Litter should be changed periodically and provide clean
25°0'0"N-	BANGLADESH		drinking water and change the water every day.
00000000000000000000000000000000000000			 Diseased and dead birds should be immediately
			removed.
			• Regularly inspect the dropings of the poultry birds for
CTATE	GIS LAB.	SCALE 1: 1,350,0	
	ALAYA)	15 Coccidiosis	Provide plenty of fresh and clean drinking water.
24°30′0″N-			Provide coccidiostatic like Amprolium @ 25-65 mg/kg
90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E	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
			FMD vaccine once in a year.
			• Iron supplementation in piglet to prevent from piglet
		G1	anaemia during 1 st week of age.
Cattle & Buffaloes	6-9 months calves	Skin infection Brucellosis	 Provide Ivermectin (Injection) @ 10mg/33kg body wt. Vaccinate 6-9 months old calves with <i>Brucella abortus</i>



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



			cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	Undertake regular immunization of cattle & buffaloes
		Disease,	against Foot & Mouth disease, Haemorrhagic
		Haemorrhagic	septicaemia & Black Quarter.
		Septicaemia, Black	
		Quarter	
Fishery			
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			Provide sufficient feed to the brooder for proper egg
	С	& RD BLOCK MAP OF N	IEGHALA development (Rice bran, mustard oil cake, fish
	90°0'0'E 90°30'0''E	91°0'0"E 91°30'0"E	meal, minerals & vitamins).
			 Regular monitoring of PH and dissolved oxygen.





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



Dated: 20/06/2017

92°30'0"E

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

RC (AE)/30/2011/ Bulletin/June'2017/22

Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 21st – 25th June, 2017)

Weather forecast valid up to 25th June, 2017

The possibility of Rainfall is 85.0mm for the next five days. Maximum Temp: 27-31°C, Minimum Temp: 21-22°C, Cloud cover: sky will be mainly cloudy i.e. 7-8 Okta, Maximum RH: 95-96%, Minimum RH: 77-85%, Wind speed: 4-5 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall: 85.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days -

Make proper drainage in the crop fields

Main Cr	on/	Ass Stage	Pest/Diseases	Agricultural Advisories
Animal /Fis		Assolage	i esubiscases	Agricultural Advisories
Sali/Kharif Ri 25°30'0"N-		Nursery/Main field preparation/Sowing BAST SECRET	MANORITADI MODOSTORI WEST KHASI HILLS REGULTORI	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.
24°30′0′′N		GIS LAB. ALAYA)	SCALE 1: 1,350,0 15 30 60 91°0′0″E 91°30′0″I	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. Sowing Sowing Sowing of seeds in nursery bed can be done as there is
Maize High & Mid altitude Region		Knee high to Tasseling stage		 probability of moderate rainfall in the coming week. 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.
			Shoot Fly, Stem borer	 Destroy the infested plant parts & stem. If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.





D //I C I	T7		
Bottle Gourd	Vegetative 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 &	Vegetative stage		• Mulching with locally available materials like straw,
Pumpkin			grasses may be done to reduce evaporation loses.
			• Support of bamboo structure for climbing upward may
			be raised for proper growth.
Brinjal/Chilli	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	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40
			DAP.
	C	& RD BLOCK MAP OF N	Meeding operation may be carried out.
Tomato 90°0'0	Vegetative stage	91°0'0"E 91°30'0"E	• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
			after planting.
26°30'0"N-			• Stake the plants with 1m tall stake.
			• Observe your field for presence of tomato pinworm (Tula
			absoluta) & destroy the infested plants immediately to
			prevent further damage.
			• Initiate management, if the incidence is highly.
	ASSAM		<u> </u>
Khasi Mandarin	Fruit Setting		-26°0'0"N
55P	Land Draws	an E	Management of trunk borer: by collection & destruction
5	THE STREET OF TH	manufacture of the second	of trunk borers adults by shaking the branches at 10 days
5	DADENGONI EASTGRO HILLS	The land	interval.
L arranti	SONGEAM RONG.	7 9	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
3	ROBGRAM		(10g/l) + Benomy $(1g/l)$
25°30'0''N	GARO HILLS	MONGSTOR /MANTHABILABILAR	-25°30'0"N
Animal Sciences	CAMBIEGE	WEST KHASI HILLS	
Poultry	All stages	La Lamerone Em	Protect poultry houses from extreme wind by covering
2(DALU THE GARO HILLS	HARROR	with polythene sheets on the sheds.
	GESSIAVALA	I made	Provide vitamin B complex @ 7ml/litre in drinking proton delibring has illustrated by grounds.
			 water daily in broiler for healthy growth. Litter should be changed periodically and provide clean
25°0'0"N-	BANGLADESH		drinking water and change the water every day.
2000 C C C C C C C C C C C C C C C C C C			 Diseased and dead birds should be immediately
			removed.
			Regularly inspect the dropings of the poultry birds for
CTATE	GIS LAB.	SCALE 1: 1,350,0	
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		Skin infection	anaemia during 1 st week of age.
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