

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



Dated: 13/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – Ri-Bhoi (Period 14th – 18th June, 2017)

Weather summery of the past four days

Weather forecast valid up to 18th June, 2017

Sky was mainly cloudy with 188.3mm of rainfall. Maximum temperatures ranged between 23.0-30.2°C and minimum ranged between 17.7 - 19.9°C. Mean relative humidity was 93-97% in morning and 48-59% in evening. Wind speed ranged between 2-3 kmph. C & RD BLOCK MAP OF

The possibility of Rainfall is 77.0mm for the next five days. Maximum Temp: 20.0-23.0°C, Minimum Temp: 18.0-19.0°C, Cloud cover: sky will be mainly cloudy i.e. 3-6 Okta, Maximum RH: 96-99%, Minimum, RH: 46-95%, Wind speed: 2-3 Kmph, Wind direction: SouthEast-South.

Weekly cumulative rainfall: 77.0mm

Agro meteorological Advisories for coming 5 days

91°0'0"E

 Make proper drainage in the crop fields Main Crop/ Stage Pest/Diseases Agricultural Advisories **Animal /Fisheries** Sali/Kharif Rice Nursery/Main field Nursery preparation preparation/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 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. 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	1	
		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	RD 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 BHAL may be raised for proper growth.
Brinjal/Chilli 90°0'0"E	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.
26°30'0"N-			• 26°30'0"N
Ginger/Turmeric	Vegetative stage		 Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out.
Tomato	Vegetative stage	-	• Top dressing of N (5g/plant) and K (5g/plant) at 45
26°0'0"N-	and the same		days after planting.
\$ 500	TINNERLLA RESIDELIMARA RESIDENTA	Ton - co	• Stake the plants with 1m tall stake.
CHLORIA &	ROMGRAM ROMGRAM	7	Observe your field for presence of tomato pinworm (Tula absoluta) & destroy the infested plants immediately to prevent further damage.
25°30'0"N-	DARO HILLS	ST NHA SI HILLS	• Initiate management, if the incidence is highly.
Spring Potato	Vegetative stage	EARDON FAMILIAN AND AND AND AND AND AND AND AND AND A	Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight.
Khasi Mandarin	Fruit Setting		BANGLADESH -25 00 N
07475 016	LAB.	SCALE 1: 1,350,000	Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval.
STATE GIS (MEGHAL		30 60 9	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l)
24°30'0"N	90'30'0"E 8	91°0'0"E 91°30'0"E	-24*30'0"N -24*30'0"N
Animal Sciences	A 11	T	
Poultry	All stages		 Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in
			 drinking water daily in broiler for healthy growth. Litter should be change periodically and provide clean drinking water and changed the water every
			 day. Diseased and dead birds should be immediately removed.
		Constitution	Regularly inspect the dropings of the poultry birds for any diseases symptom.
		Coccidiosis	Provide plenty of fresh and clean drinking water.





irds with F1/ Lasot: e of 4-7 days old and 3. costril. n piglets against swin- ths followed by annual tate 6 months old pig- a year. piglet to prevent from the followed by annual atte 6 months old pig- a year. piglet to prevent from the followed by annual atte 6 months old pig- a year. piglet to prevent from the followed by annual atte 6 months old pig- a year. piglet to prevent from the followed by annual attention of cattle 8.
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& Mouth disease & Black Quarter.
-26°0'0"N
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to the brooder for nt (Rice bran, mustard
nerals & vitamins).
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-25°0'0"N
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RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – SOUTH GARO HILLS (Period 14th – 18th June, 2017)

Weather forecast valid up to 18th June, 2017

The possibility of Rainfall is 66.0mm for the next five days. Maximum Temp: 29-31°C, Minimum Temp: 20-21°C, Cloud cover: sky will be mainly cloudy i.e. 4-7 Okta, Maximum RH: 95-98%, Minimum RH: 58-82%, Wind speed: 5-7 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 66.0mm

BANGLADESH

Knee high to

Tasseling stage

STATE GIS LAB.

(MEGHALAYA)

Maize

Region

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/ 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

SCALE 1: 1,350,0

Shoot Fly, Stem

borer

@ 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

Before sowing seeds should be treated with Mancozeb

transplanting of 1ha).

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.





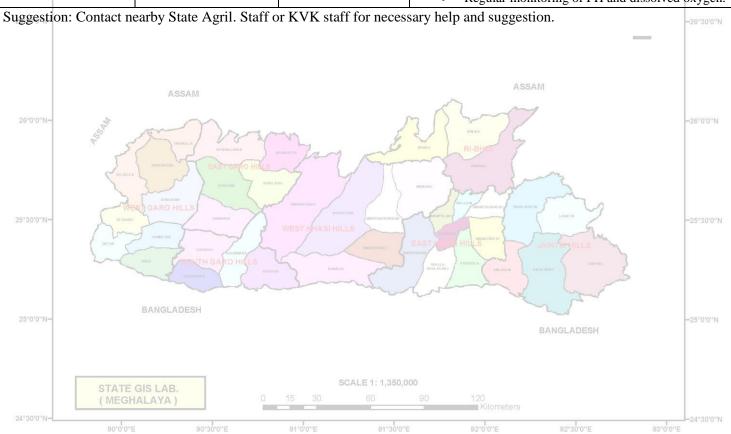
D (4) G 1	X7	<u> </u>	
Bottle Gourd	Vegetative stage		Mulching with locally available materials like straw,
			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available 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 I	Weeding operation may be carried out.
Tomato 90°0'	Vegetative stage	91°0'0"E 91°30'0"E	• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
	8 33 33 34	31302	after planting.
			• Stake the plants with 1m tell stake
26°30'0"N=			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.
Khasi Mandarin	Fruit Setting		-26°0'0"N
55	The I have	m &	Management of trunk borer: by collection & destruction
	THEFRELLA	Ten Ten	of trunk borers adults by shaking the branches at 10 days
}	DADENGGOT EAST GARO HILLS	La Comment	interval.
SELSEI	SONGSAN RONG.	7 9	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
3	ROBGRAM A		(10g/l) + Benomy (1g/l)
25°20'0'NI	GARO HILLS	MONGSTON MANTHADRASHAN	January social so (MADI ASSES SI) 1925
Animal Sciences	13	WEST KHASI HILLS	
Poultry	All stages	/ maximi }	Protect poultry houses from extreme wind by covering
2	DALI GARO HILLS		with polythene sheets on the sheds.
	- COSSIRANALA ROBOR	RAHROR	Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
	BANGLADESH		Litter should be changed periodically and provide clean
25°0'0"N-			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
STATE	GIS LAB.	SCALE 1: 1,350,0	any diseases symptom.
	HALAYA)	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
			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>
	1		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2



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			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			Provide sufficient feed to the brooder for proper egg
	C	& RD BLOCK MAP OF N	IEGHALA development (Rice bran, mustard oil cake, fish
90	0°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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92°30'0"E

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RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 14th – 18th June, 2017)

Weather forecast valid up to 18th June, 2017

The possibility of Rainfall is 58.0mm for the next five days. Maximum Temp: 30-32°C, Minimum Temp: 21-22°C, Cloud cover: sky will be mainly cloudy i.e. 4-6 Okta, Maximum RH: 93-95%, Minimum RH: 57-85%, Wind speed: 3-4 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 58.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days -

Make proper drainage in the crop fields

Main Crop/ Animal /Fisheries	ASS Stage	Pest/Diseases	Agricultural Advisories
			-26°0'0"N
Sali/Kharif Rice	Nursery/Main field preparation/Sowing EAST TOTAL HOUSE BOOKERS BOOKER	MANUFACIONALI MA	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
25°30'0"N-	CAMELONE CHOSPOT ANDHANDA DALU CHOSPOT ANDHANDA CHOSPOT CHOSPO	WEST ISHASI HILLS	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).
25°0'0''N-	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
	GIS LAB. ALAYA)	SCALE 1: 1,350,0	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,
90°0'0"E	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	Destroy the infested plant parts & stem.
		borer	If shoot fly incidence is severe in maize, than apply Carbofuran 3G granules@ 2-3 granule to each whorl of plant.





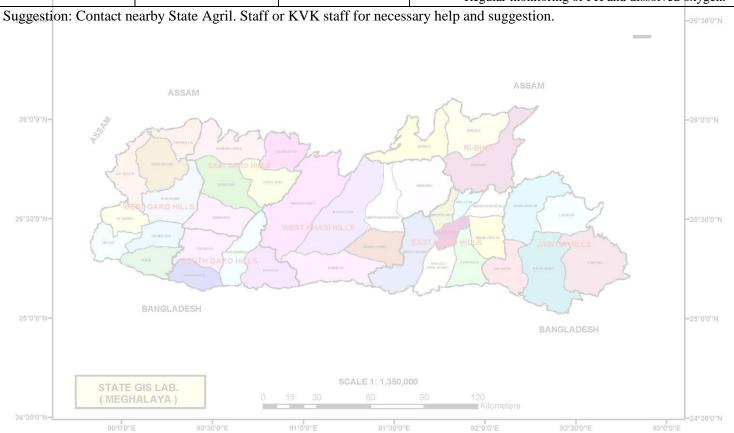
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Bottle Gou	ırd	Vegetative stage		Mulching with locally available materials like straw,
				grasses may be done to reduce evaporation loses.
				Support of bamboo structure for climbing upward may be reised for proper growth.
Ash Gourd	1 &	Vegetative stage		be raised for proper growth.Mulching with locally available materials like straw,
Pumpkin	ı «	vegetative stage		grasses may be done to reduce evaporation loses.
- umpmm				 Support of bamboo structure for climbing upward may
				be raised for proper growth.
Brinjal/Ch	illi	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	rmeric	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40
				DAP.
		C	& RD BLOCK MAP OF I	
Tomato	90,0,0,	Vegetative stage	91°0'0"E 91°30'0"E	
				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.
Khasi Mar	ndorin	Fruit Setting		
Kiiasi iviai	iuai iii	Truit Setting		Management of trunk borer: by collection & destruction
	8 5	THERETTY 132 M	My &	of trunk borers adults by shaking the branches at 10 days
	1	DAMENGON DE CASTRONIA DE LA CONTRACTOR D	from from	interval.
	Carretta	ENDIANCE HINES	7	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
	6	SONGSAM SONGSAM	1 1 15	(10g/l) + Benomy (1g/l)
	ME	GARO HILLS	MONGSTON MONGSTON	Suntain Monte and Madiane in
Animal Sci	iences	13	WEST KHASI HILLS	-25"30"0"N
Poultry	(28KZAN _	All stages	La Lamacoma Em	Protect poultry houses from extreme wind by covering
	2-	DALL STATH GARO HILLS	KAHROR	with polythene sheets on the sheds.
		T CESSANIA	I made	• Provide vitamin B complex @ 7ml/litre in drinking 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. 5 00 N
				Diseased and dead birds should be immediately
				removed.
				Regularly inspect the dropings of the poultry birds for
		GIS LAB.	SCALE 1: 1,350,0	any enseases symptom.
	(MEGH	ALAYA)	15 Coccidiosis	• Provide plenty of fresh and clean drinking water.
24°30'0"N-	90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E	Provide coccidiostatic like Amprolium @ 25-65 mg/kg
	3000	30 30 C	31001	feed once a day as a preventive measure against
			Ranikhet disease	 coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1
			Ramkhet disease	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
			C1 ' C	anaemia during 1 st week of age.
G-441 0 T)CC_1	6 0 m · · · · · · · · · · · · · · · · · ·	Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt. The state of the stat
Cattle & B	umaioes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with <i>Brucella abortus</i>



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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 N	IEGHALAdevelopment (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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92°30'0"E

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

Mulching with locally available materials like straw,

of plant.

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RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – SOUTH WEST KHASI HILLS (Period 14th – 18th June, 2017)

Weather forecast valid up to 18th June, 2017

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Weekly cumulative rainfall: 69.0mm

Bottle Gourd

Vegetative stage

C & RD BLOCK MAP OF MEGHALAYA

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 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 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





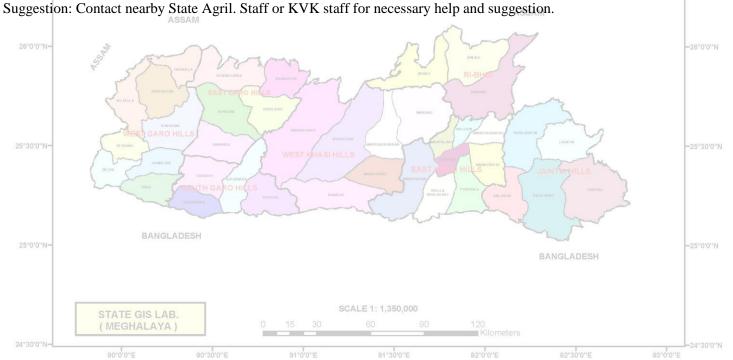
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			Support of bamboo structure for climbing upward may be reject for proper growth
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	Vegetative stage		Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses.
Pumpkin			 Support of bamboo structure for climbing upward may
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Brinjal/Chilli	Vegetative stage		Apply urea @108 kg/ha after hand weeding at 30DAT.
Dinjar Ciiii	v egetative stage		Provide mulching materials like straw, grasses, etc to
			reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		Manuring & fertilizer: Apply ½ dose of Urea at 40
	v ogetative stage		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		91°0'0"E 91°30'0"	often plenting
30 00	30 30 1	31001	Stake the plants with 1m tall stake.
			Observe your field for presence of tomato pinworm (Tula)
26°30'0"N=			absoluta) & destroy the infested plants immediately to
			prevent further damage.
			• Initiate management, if the incidence is highly.
			ACCAN
Spring Potato	Vegetative stage		ASSAM
			Intercultural operations such as weeding may be carried
26°0'0"N-	And Dona	an s	out. Earthing up and ensure that tuber are not expose to
8 5	THEORY I NESUMELIANA	3	sunlight.
5	BAST GARO HILLS	had been	100 to 10
Khasi Mandarin	Fruit Setting	7 7	and a second
3	ROBGRAM		Management of trunk borer: by collection & destruction
25°30'0"N-	GARO HILLS	MONGSTON MANTHAD RABITAL	of trunk borers adults by shaking the branches at 10 days
Am.	1	WEST KHASI HILLS	interval.
28/2 AN 500	CHOKPOT PLACHMANA	La Lamarona Lu	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
2	DALI THE GARO HILLS	RAHBOR	(10g/l) + Benomy (1g/l)
Animal Sciences	CESSANAIA	- Long	
Poultry	BANGLAD All stages		Protect poultry houses from extreme wind by covering
25°0'0"N=	BANGLADESII 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	
	ALAYA)	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
		D '11 : "	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
Diagony	A 11 ata cas		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.
İ			TWD vaccine once in a year.



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	RD BLOCK MAP OF I	Once Common carp fry attained (5-6cm) it can be lEGHALAYAPPROPRIET. 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).
		w VVV staff for masses	Regular monitoring of PH and dissolved oxygen.





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



Dated: 13/06/2017

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

of plant.

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RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – WEST GARO HILLS (Period 14th – 18th June, 2017)

Weather forecast valid up to 18th June, 2017

The possibility of Rainfall is 64.0mm for the next five days. Maximum Temp: 28-31°C, Minimum Temp: 21-23°C, Cloud cover: sky will be mainly cloudy i.e. 5-7 Okta, Maximum RH: 95-98%, Minimum RH: 58-79%, Wind speed: 4-6 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 64.0mm

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





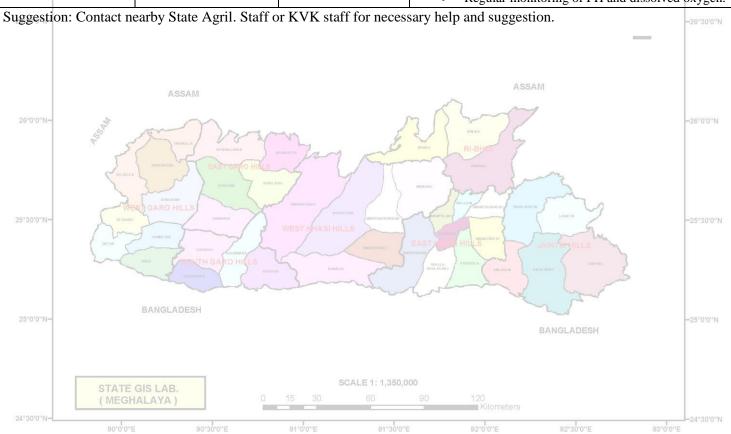
D (4) G 1	X7	<u> </u>	
Bottle Gourd	Vegetative stage		Mulching with locally available materials like straw,
			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available 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 I	Weeding operation may be carried out.
Tomato 90°0'	Vegetative stage	91°0'0"E 91°30'0"E	• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
	8 3334	31302	after planting.
			• Stake the plants with 1m tell stake
26°30'0"N=			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.
Khasi Mandarin	Fruit Setting		-26°0'0"N
55	The I have	m &	Management of trunk borer: by collection & destruction
	THEFRELLA	Ten Ten	of trunk borers adults by shaking the branches at 10 days
}	DADENGGOT EAST GARO HILLS	La Comment	interval.
SELSEI	SONGSAN RONG.	7 9	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
3	ROBGRAM A		(10g/l) + Benomy (1g/l)
25°20'0'NI	GARO HILLS	MONGSTON MANTHADRASHAN	January social so (MADI ASSES S) 1-25°30'0"N
Animal Sciences	13	WEST KHASI HILLS	
Poultry	All stages	/ maximi }	Protect poultry houses from extreme wind by covering
2	DALI GARO HILLS		with polythene sheets on the sheds.
	- COSSIRANALA ROBOR	RAHROR	Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
	BANGLADESH		Litter should be changed periodically and provide clean
25°0'0"N-			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
STATE	GIS LAB.	SCALE 1: 1,350,0	any diseases symptom.
	HALAYA)	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
			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>
	1		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2



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



			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			Provide sufficient feed to the brooder for proper egg
	C	& RD BLOCK MAP OF N	IEGHALA development (Rice bran, mustard oil cake, fish
90	0°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: 13/06/2017

92°30'0"E

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

Mulching with locally available materials like straw,

of plant.

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

RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – WEST JAINTIA HILLS (Period 14th – 18th June, 2017)

Weather forecast valid up to 18th June, 2017

The possibility of Rainfall is 87.0mm for the next five days. Maximum Temp: 21-23°C, Minimum Temp: 17-19°C, Cloud cover: sky will be mainly cloudy i.e. 3-6 Okta, Maximum RH: 94-99%, Minimum RH: 48-94%, Wind speed: 2 Kmph, Wind direction: Southeastern.

Weekly cumulative rainfall: 87.0mm

C & RD BLOCK MAP OF MEGHALAYA

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 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 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

Vegetative stage

Bottle Gourd





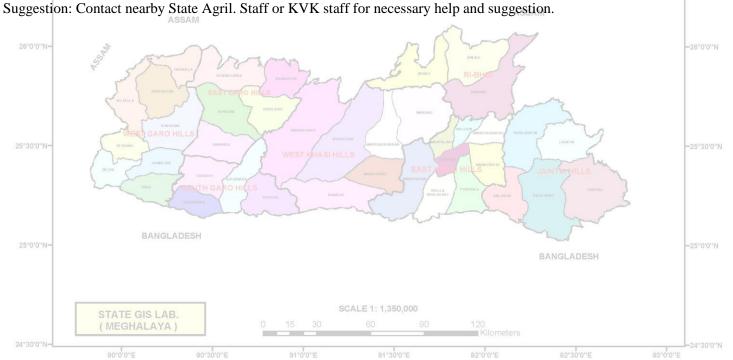
		1	amagaga may ba dama ta maduga ayamamatian lagas
			grasses may be done to reduce evaporation loses. • Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available materials like straw,
Pumpkin	, egettiin te stage		grasses may be done to reduce evaporation loses.
F			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	& RD BLOCK MAP OF I	• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
90°0'0	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-	And Dorse	man &	out. Earthing up and ensure that tuber are not expose to
8 5	THE STORE LAND AND STORE LIVERA	MARKETTA TO A TO	sunlight.
5	DADENGGON EAST GARO HILLS	Jest King	Michigan Co.
Khasi Mandarin	Fruit Setting	7 7	MOLAGE STATE OF THE STATE OF TH
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
()	CAMILE CAR	WEST KHASI HILLS	interval.
THE THE	CHOKPOT MAGHMARA	La Lamacoma Em	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
2-(DALI STAITH GARO HILLS	KANKOR AND	(10g/l) + Benomy (1g/l)
Animal Sciences	COSSIANADA	- Land	1 1
Poultry	BANGLAD All stages		Protect poultry houses from extreme wind by covering
25°0'0"N=	BANGLADESH Stuges		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	
	ALAYA)	15 30 60	Diseased and dead birds should be immediately
24°30′0″N-			removed24°30'0"N
90°0'0"	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.
			• 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.



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	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
	C	& RD BLOCK MAP OF I	lEGHALAYA harvest and transferred to rearing ponds.
Major Carp/Minor	Brooders	91,0.0.F 81,30.0.F	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: 13/06/2017

92°30'0"E

Mulching with locally available materials like straw,

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

RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – WEST KHASI HILLS (Period 14th – 18th June, 2017)

Weather forecast valid up to 18th June, 2017

The possibility of Rainfall is 85.0mm for the next five days. Maximum Temp: 19-20°C, Minimum Temp: 16-17°C, Cloud cover: sky will be mainly cloudy i.e. 3-6 Okta, Maximum RH: 95-99%, Minimum RH: 51-93%, Wind speed: 3-4 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 85.0mm

Bottle Gourd

Vegetative stage

C & RD BLOCK MAP OF MEGHALAYA

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 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 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 Carbofuran 3G granules@ 2-3 granule to each whorl of plant.





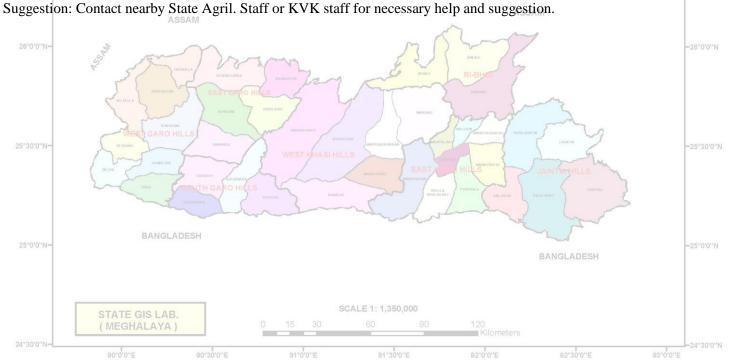
			 grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available materials like straw,
Pumpkin	v egetative stage		grasses may be done to reduce evaporation loses.
Tumpiiii			 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.
Drinjan Cinii	v egetati ve stage		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, rurmerie	vegetative stage		DAP.
			Weeding operation may be carried out.
Tomato	Vegetative stage	RD BLOCK MAP OF I	• Top dressing of N (5g/plant) and K (5g/plant) at 45 days
			often mlanting
90°0'0	'E 90°30'0''E	91°0'0"E 91°30'0"E	Stake the plants with 1m tall stake. • 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.
C D-4-4-	XI. ASSAM		ASSAM
Spring Potato	Vegetative stage		• The applement of the state of
26°0'0"N-			Intercultural operations such as weeding may be carried
26°0'0"N-	MARCHA VERTA	W. E	out. Earthing up and ensure that tuber are not expose to
5-2	RESUDELIMAN	LEN LONG	sunlight.
Julian.	DATENDON EAST GARO HILLS	as W	and white the state of the stat
Khasi Mandarin	Fruit Setting	1 7 1	MIGNIG
	ST GARO HILLS	Market Ma	Management of trunk borer: by collection & destruction
25°30'0"N-	SAMAHBA	MONGSTON MOVING RASHAM	of trunk borers adults by shaking the branches at 10 days
1	J CAMPICAE J	WEST KHASI HILLS	interval.
2 2	CHOKPOT (BAGHMARA)	A summer of	• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
- Trans	BALLI STATH GARO HILLS	RAHROR	(10g/l) + Benomy (1g/l)
A . 10 .		Jan	
Animal Sciences	DANCI ADMIN		
Poultry	BANGLADAH stages		Protect poultry houses from extreme wind by covering
			with polythene sheets on the sheds.
			Provide vitamin B complex @ 7ml/litre in drinking The state of the state
			water daily in broiler for healthy growth.
STATE	GIS LAB.	SCALE 1: 1,350,0	• Litter should be changed periodically and provide clean drinking water and change the water every day.
	ALAYA)	15 30 60	90 120
24°30'0"N-			Diseased and dead birds should be immediately removed.
90°0'0"	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.
		Coccidiosis	
			• 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
		Ramknet disease	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
- 155 ⁻¹ J	Till buiges		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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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	RD BLOCK MAP OF I	Once Common carp fry attained (5-6cm) it can be IEGHALAYA 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). 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: 13/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – East Garo Hills (Period 14th – 18th June, 2017)

Weather summery of the past five days

Weather forecast valid up to 18th June, 2017

Sky was partly cloudy with 62.0mm rainfall. Maximum temperatures ranged between 30-33°C and minimum ranged between 22-24°C. Relative humidity was 88-96% in morning and 46-67% in evening. Wind speed ranged between: 4-5 kmph.

The possibility of Rainfall is 63.0mm for the next five days. Maximum Temp: 28-32°C, Minimum Temp: 19-22°C, Cloud cover: sky will be mainly cloudy i.e. 4-6 Okta, Maximum RH: 95-98%, Minimum RH: 55-87%, Wind speed: 4-6 Kmph, Wind direction: East-Southeast.

ASSAM

C & RD BLOCK MAP OF Weekly cumulative rainfall: 63.0mm

Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

	rop/ Animal	ASSAM Stage	Pest/Diseases	Agricultural Advisories
	sheries		m ()	-26°0'0"N
25°30'0"N- 25°30'0"N- 24°30'0"N-	if Rice	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
Maize High & Region	Mid altitude	Knee high to Tasseling stage		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 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





		Ī	in hotercon the man to me!
			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,
		Borer	• 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
Bottle Gourd	v egetative stage		straw, grasses may be done to reduce
			evaporation loses.
			• Support of bamboo structure for climbing
			upward may be raised for proper growth.
Ash Gourd & Pumpkin	Vegetative stage		Mulching with locally available materials like
			straw, grasses may be done to reduce
	C & R	D BLOCK MAP OF MEGHAL	AYA evaporation loses.
90°0'0''E	90°30'0"E 9	1°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
Circant/Transcaria	Vt-ti stage		loses.
Ginger/Turmeric	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP.
	ASSAM	25	Weeding operation may be carried out.
Tomato	Vegetative stage	m ()	• Top dressing of N (5g/plant) and K (5g/plant)
Tomato	vegetative stage	201	at 45 days after planting.
250	NESURELIARA KURAKUTA	LEND SO MANO	• Stake the plants with 1m tall stake.
2	BASTGARO HIALS	3	THE DESCRIPTION OF THE PROPERTY OF THE PROPERT
3	SONGEAR T RONGEING	MARANG	• Observe your field for presence of tomato pinworm (Tula absoluta) & destroy the infested
7	ROMGRAM ARO HILLS	CONTRACT / 3	plants immediately to prevent further damage.
25°30'0"N-	SAMAHUA	MONGSTON MONTHABITABIHAN DOWN HEART	• Initiate management, if the incidence is highly.
1 mg	CAMILEGRE WES	ST HASI HILLS	mittate management, if the merdence is nightly.
Khasi Mandarin	Fruit Setting	Linearound Control of the Control of	AINTEGERS OF THE PARTY OF THE P
DAIL DAIL	ROBORA	EAHKOR SHELLA BIOLAGAN	Management of trunk borer: by collection &
	The Land	to be when	destruction of trunk borers adults by shaking
B	ANGLADESH		the branches at 10 days interval.
25°0'0"N-	MOLADION		Management of fruit drop: Spray 2,4-D
			15mg/l + Urea (10g/l) + Benomy (1g/l)
Animal Sciences		T	
Poultry STATE GIS		SCALE 1: 1,350,000	• Protect poultry houses from extreme wind by
(MEGHAL	AYA) 0 15	30 60 90	120 covering with polythene sheets on the sheds.
24°30'0"N	90°30'0"E 91	10'0"E 91°30'0"E	Provide vitamin B complex @ 7ml/litre in
90 0 0 E	90 30 0 E 91	91-300 E	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
			· · · · · · · · · · · · · · · · · ·



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



			measure against coccidiosis.
		Ranikhet disease	 Vaccinate the poultry birds with F1/ Lasota
		Kanikhet 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
1 iggery	7 III stages		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	
		Skiii ililection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves 8 R	D BLOCIBrucellosis/IEGHAL	Vaccinate 6-9 months old calves with
90°0'0"E	90°30'0"E 9	°0'0"E 91°30'0"E	Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease,	Undertake regular immunization of cattle &
26°30'0"N=		Haemorrhagic	buffaloes against Foot & Mouth disease,
		Septicaemia, Black	Haemorrhagic septicaemia & Black Quarter.
		Quarter	Themorring is septical find a Black Quarter.
Fishery			
Common carp	Fry stage/Advance fry		Fry stocking
	2000000	- K	 Once Common carp fry attained (5-6cm)
26°0'0"N-	m m m m	23 33	it can be harvest and transferred to
8 500	THE STATE OF THE S	Town S MANG	rearing ponds.
Major Carp/Minor Carp	Brooders		Brood stock maintenance
1 3	SONGEAR T RONGENG	MARIANG	 Provide sufficient feed to the brooder for
- West	BARO HILLS	roman /	proper egg development (Rice bran,
25°30'0"N-	SAMAHUA	MOTIOS TOTAL	mustard oil cake, fish meal, minerals &
1 mg	CAMIESTE	ST HHASI HILLS	vitamins).
5-5-	CHOKPOT BACHNARA	anna venus Luncamanu	Regular monitoring of PH and dissolved
2	TOUTH GARO HILLS	EAMEGE SHELLA BIOLAGALI	oxygen.
Suggestion: Contact no	orby State Agril Staff or	KVK staff for necessary he	
	ardy State Agrii. Stail or .	K v K starr for necessary ne	ip and suggestion.
25°0'0"N-			-25°0'0"N
			BANGLADESH
		SCALE 4.4 250 000	
STATE GIS	The state of the s	SCALE 1: 1,350,000 30 60 90	120
(MEGHAL		30 60 90	Kilometers
24°30'0"N	90°30'0"E 91	1°0'0"E 91°30'0"E	92°0'0"E 92°30'0"E 93°0'0"E



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





Dated: 13/06/2017

Agricultural Advisories

Mulching with locally available materials like straw,

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

RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – EAST JAINTIA HILLS (Period 14th – 18th June, 2017)

Weather forecast valid up to 18th June, 2017

The possibility of Rainfall is 99.0mm for the next five days. Maximum Temp: 21-23°C, Minimum Temp: 17-18°C, Cloud cover: sky will be mainly cloudy i.e. 3-6 Okta, Maximum RH: 94-99%, Minimum RH: 51-94%, Wind speed: 2 Kmph, Wind direction: Southeastern.

Weekly cumulative rainfall: 99.0mm

Main Crop/

Bottle Gourd

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Pest/Diseases

• Make proper drainage in the crop fields

Stage

Vegetative stage

Animal /Fisheries	ASSAM		3
Sali/Kharif Rice	Nursery/Main field	5	Nursery preparation -26°00"N
Sali/Kharif Rice	PREPARATION/SOWING PROPERTY OF THE STATE OF	MOPELY REST IN HILLS RAINGE RAINGE	 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
25°0'0"N=			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
	ALAYA)	SCALE 1: 1,350,00	lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days,
90°0'0"E	90°30'0"E	91°0'0"E 91°30'0"E	farmers should start ploughing of their main field.
			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.





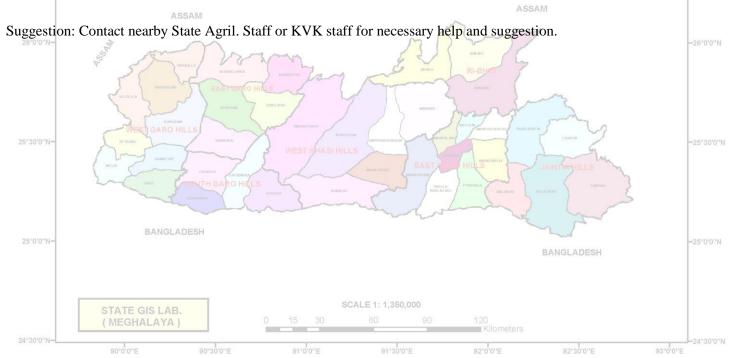
			grasses may be done to reduce evaporation loses.
			Support of bamboo structure for climbing upward may
			be raised for proper growth.
Ash Gourd &	Vegetative stage		Mulching with locally available materials like straw,
Pumpkin			grasses may be done to reduce evaporation loses.
			Support of bamboo structure 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
Ct /m	**		reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40
			DAP.
TD 4	XI		Weeding operation may be carried out.
Tomato	Vegetative stage C 8	RD BLOCK MAP OF N	Top dressing of N (5g/plant) and K (5g/plant) at 45 days
90°0'0''	90°30'0"E	91°0'0"E 91°30'0"E	after planting. 92°30'0"E 93°0'0"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		ASSAM
Spring Potato	Vegetative stage		And a second of the second
26°0'0"N-		5	Intercultural operations such as weeding may be carried
85	12.20 1 Section	m &	out. Earthing up and ensure that tuber are not expose to
5	NEBURELIWAN	Ten Long	sunlight.
TZI NA I SELSELLA	BABENGGHY EAST GARO HIALS	S Comment	HAT WALL
Khasi Mandarin	Fruit Setting	171	MARANG NAME OF THE PROPERTY OF
- Maria	GARO HILLS	MONOGENIUS /	• Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days
25°30'0"N-	SAMARUA	MONGSTOR MANTHAD RABHAN	interval.
(m	CAMBICATE TO STATE OF THE STATE	WEST KHASI HILLS	Management of fruit drop: Spray 2,4-D 15mg/l + Urea
2	DALII GARO HILLS	A Summer Sum	(10g/l) + Benomy (1g/l)
	ESSENTIA GARO HILLS	NAMES AND STATE OF THE STATE OF	SINILA BIOGLAGAIA AND AND AND AND AND AND AND AND AND AN
Animal Sciences	- White	- Andrew	to the state of th
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.
			Litter should be changed periodically and provide clean
	GIS LAB.	SCALE 1: 1,350,00	drinking water and change the water every day.
(MEGH	ALAYA)	15 30 60	Diseased and dead birds should be immediately
24°30′0″N-	90°30'0"E	arabalie arabalie	removed24°30'0"N
90°0'0"E	90-30-0-E	91°0'0"E 91°30'0"E	Regularly inspect the dropings of the poultry birds for
		g	any diseases symptom.
		Coccidiosis	Provide plenty of fresh and clean drinking water. 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.
		Kamknet uisease	• 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
55 ⁻¹ J	Till buiges		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.
	<u>i</u>	i	,



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: 13/06/2017

92°30'0"E

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

RC (AE)/30/2011/ Bulletin/June'2017/20

Agro Advisory Bulletin – EAST KHASI HILLS (Period 14th – 18th June, 2017)

Weather forecast valid up to 18th June, 2017

The possibility of Rainfall is 105.0mm for the next five days. Maximum Temp: 20-21°C, Minimum Temp: 16-17°C, Cloud cover: sky will be mainly cloudy i.e. 3-6 Okta, Maximum RH: 92-99%, Minimum RH: 49-92%, Wind speed: 2-4 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 105.0mm C & RD BLOCK MAP OF MEGHALAYA

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) × 1.25 m (width) \times 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb BANGLADESH @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation SCALE 1: 1,350,0 STATE GIS LAB. Repair old bunds by maintaining 20-30 cm height in (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 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 Carbofuran 3G granules@ 2-3 granule to each whorl

of plant.





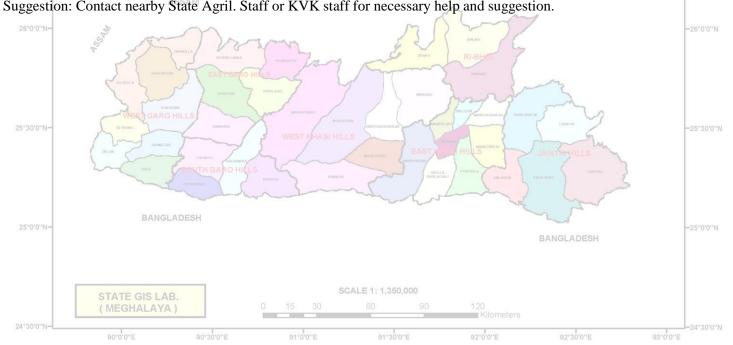
Bottle Gourd Vegetative stage Ash Gourd & Vegetative stage Pumpkin Vegetative stage Pinjal/Chilli Vegetative stage Brinjal/Chilli Vegetative stage Personal Company of bamboo structure for climbing be raised for proper growth. Mulching with locally available material grasses may be done to reduce evaporation escape and proper growth. Support of bamboo structure for climbing be raised for proper growth. Apply urea @108 kg/ha after hand weeding Provide mulching materials like straw, go reduce evaporation loses. Ginger/Turmeric Vegetative stage Personal Company of the proper growth. Personal Company of the proper growth. Papply urea @108 kg/ha after hand weeding Provide mulching materials like straw, go reduce evaporation loses. Tomato Personal Company of the proper growth. Personal Company of the proper growth. Papply urea @108 kg/ha after hand weeding Provide mulching materials like straw, go reduce evaporation loses. Tomato Personal Company of the proper growth. Papply urea @108 kg/ha after hand weeding Provide mulching materials like straw, go reduce evaporation loses. Tomato Personal Company of the proper growth. Papply urea @108 kg/ha after hand weeding Provide mulching materials like straw, go reduce evaporation loses. Papply urea @108 kg/ha after hand weeding Provide mulching materials like straw, go reduce evaporation loses. Papply urea @108 kg/ha after hand weeding Provide mulching materials like straw, go reduce evaporation loses. Papply urea @108 kg/ha after hand weeding provide mulching materials like straw, go reduce evaporation loses. Papply urea @108 kg/ha after hand weeding provide mulching materials like straw, go reduce evaporation loses. Papply urea @108 kg/ha after hand weeding provide mulching materials like straw, go reduce evaporation loses. Papply urea @108 kg/ha after hand weeding provide mulching materials like straw, go reduce evaporation loses. Papply urea @108 kg/ha after hand weeding provide mulching materials like straw, go reduce evaporation may be	loses. upward may s like straw, loses. upward may g at 30DAT. casses, etc to t Urea at 40 t) at 45 days nworm (Tula mediately to y.
Ash Gourd & Vegetative stage Pumpkin Pumpkin Vegetative stage Brinjal/Chilli Vegetative stage Pumpkin Vegetative stage Povide mulching materials like straw, govereduce evaporation loses. Manuring & fertilizer: Apply ½ dose of DAP. Pumpkin Vegetative stage Power Provide mulching materials like straw, govereduce evaporation loses. Manuring & fertilizer: Apply ½ dose of DAP. Pumpkin Vegetative stage Pumpkin Vegetative stage Provide mulching materials like straw, govereduce evaporation loses. Manuring & fertilizer: Apply ½ dose of DAP. Stake the plants with 1m tall stake. Observe your field for presence of tomato pin absoluta) & destroy the infested plants imprevent further damage. Initiate management, if the incidence is highled to the incidence in the incidence is highled to the incidence in the incidence in the inc	upward may s like straw, loses. upward may g at 30DAT. casses, etc to t Urea at 40 t) at 45 days nworm (Tula mediately to y.
Spring Potato Support of bamboo structure for climbing be raised for proper growth.	s like straw, loses. upward may g at 30DAT. asses, etc to Urea at 40 t) at 45 days nworm (Tula mediately to y.
Ash Gourd & Pumpkin	g at 30DAT. casses, etc to Turea at 40 t) at 45 days The days
Pumpkin Brinjal/Chilli Vegetative stage Pumpkin Vegetative stage Provide mulching materials like straw, go reduce evaporation loses. Ginger/Turmeric Vegetative stage Vegetative stage Provide mulching materials like straw, go reduce evaporation loses. Manuring & fertilizer: Apply ½ dose of DAP. Tomato Vegetative stage Provide mulching materials like straw, go reduce evaporation loses. Manuring & fertilizer: Apply ½ dose of DAP. Stake the plants with I m tall stake. Observe your field for presence of tomato pi absoluta) & destroy the infested plants im prevent further damage. Initiate management, if the incidence is highly shaking the branch of trunk borers adults by shaki	g at 30DAT. asses, etc to Turea at 40 t) at 45 days The days T
be raised for proper growth. Refinjal/Chilli Vegetative stage Provide mulching materials like straw, go reduce evaporation loses. Manuring & fertilizer: Apply ½ dose of DAP. Refinition of the plants with 1m tall stake. Tomato Vegetative stage Provide mulching materials like straw, go reduce evaporation loses. Manuring & fertilizer: Apply ½ dose of DAP. Tomato Vegetative stage Provide mulching materials like straw, go reduce evaporation loses. Manuring & fertilizer: Apply ½ dose of DAP. Top dressing of N (5g/plant) and K (5g/plant after planting. Stake the plants with 1m tall stake. Observe your field for presence of tomato piece absoluta) & destroy the infested plants imprevent further damage. Initiate management, if the incidence is highly and the infested plants imprevent further damage. Intercultural operations such as weeding materials with 1m tall stake. Management of trunk borers by collection of trunk borers by collection of trunk borers adults by shaking the branch	g at 30DAT. rasses, etc to E Urea at 40 t) at 45 days nworm (Tula mediately to
## Apply urea @108 kg/ha after hand weeding Provide mulching materials like straw, go reduce evaporation loses. ## Wegetative stage Manuring & fertilizer: Apply ½ dose of DAP.	t) at 45 days The at 40 to 40 t) at 45 days The at 40 to 40 t) at 45 days The at 40 to
Provide mulching materials like straw, governeduce evaporation loses. One of DAP. Control of Control of DAP. Control of Control of DAP. Control of Control of Control of DAP. Control of C	t) at 45 days The at 40 The at
reduce evaporation loses. Ginger/Turmeric	t) at 45 days 1. The state of
* Manuring & fertilizer: Apply ½ dose of DAP. **Tomato** **Vegetative stage** **Vegetative stage** **Vegetative stage** **Top dressing of N (5g/plant) and K (5g/plant after planting.* **Stake the plants with 1m tall stake.* **Observe your field for presence of tomato piabsoluta) & destroy the infested plants imprevent further damage.* **Initiate management, if the incidence is highly a sunlight.* **Spring Potato** **Vegetative stage** **Intercultural operations such as weeding matout, Earthing up and ensure that tuber are not sunlight.* **Management of trunk borer: by collection of trunk borers adults by shaking the branch of trunk borers adults by the branch of trunk borers	t) at 45 days nworm (Tula mediately to y.
Tomato Vegetative stage PAP. Tomato Vegetative stage Stake the plants with 1m tall stake. Observe your field for presence of tomato pi absoluta) & destroy the infested plants imprevent further damage. Initiate management, if the incidence is highly and the incidence incidence in highly and the incidence in highly and the incidenc	t) at 45 days -26'300'N nworm (Tula mediately to y.
Tomato Vegetative_stage Vegetative_stage Vegetative_stage Stake the plants with 1m tall stake. Observe your field for presence of tomato pi absoluta) & destroy the infested plants imprevent further damage. Initiate management, if the incidence is highly contained by the infested plants imprevent further damage. Intercultural operations such as weeding may out. Earthing up and ensure that tuber are not sunlight. Khasi Mandarin Fruit Setting Management of trunk borer: by collection of trunk borers adults by shaking the branch	nworm (Tula mediately to
after planting. Stake the plants with 1m tall stake. Observe your field for presence of tomato pi absoluta) & destroy the infested plants imprevent further damage. Initiate management, if the incidence is highly limited by the infested plants imprevent further damage. Intercultural operations such as weeding may out. Earthing up and ensure that tuber are not sunlight. Khasi Mandarin Fruit Setting Management of trunk borer: by collection of trunk borers adults by shaking the branch	nworm (Tula mediately to
Stake the plants with 1m tall stake. Observe your field for presence of tomato pi absoluta) & destroy the infested plants imprevent further damage. Initiate management, if the incidence is highly supported by the infested plants imprevent further damage. Intercultural operations such as weeding may out. Earthing up and ensure that tuber are not sunlight. Khasi Mandarin Fruit Setting Management of trunk borer: by collection of trunk borers adults by shaking the branch	nworm (Tula mediately to y.
Observe your field for presence of tomato pi absoluta) & destroy the infested plants imprevent further damage. Initiate management, if the incidence is highly limited by the infested plants imprevent further damage. Initiate management, if the incidence is highly limited by the infested plants imprevent further damage. Initiate management, if the incidence is highly limited by the infested plants imprevent further damage. Initiate management, if the incidence is highly limited by the infested plants imprevent further damage. Initiate management, if the incidence is highly limited by the infested plants imprevent further damage. Initiate management, if the incidence is highly limited by the infested plants imprevent further damage. Initiate management, if the incidence is highly limited by the infested plants imprevent further damage. Initiate management of trunk borers by collection of trunk borers adults by shaking the branch limited by the infested plants imprevent further damage. Initiate management of trunk borers by collection of trunk borers adults by shaking the branch limited by the infested plants imprevent further damage. Initiate management, if the incidence is highly limited by the infested plants imprevent further damage. Initiate management of trunk borers by collection of trunk borers adults by shaking the branch limited by the infested plants imprevent further damage.	nworm (Tula mediately to y.
absoluta) & destroy the infested plants imprevent further damage. Initiate management, if the incidence is highly like the incidence in highly like the incidence is highly like the incidence in highly like the incidenc	y. y. be carried
Spring Potato Vegetative stage Intercultural operations such as weeding man out. Earthing up and ensure that tuber are not sunlight. Khasi Mandarin Fruit Setting Management of trunk borer: by collection of trunk borers adults by shaking the branch	y. y be carried
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of trunk borers adults by shaking the branch	& destruction
man interval.	
Management of fruit drop: Spray 2,4-D 15	img/l + Urea
(10g/l) + Benomy (1g/l)	
Animal Sciences	
BANGLADESH	har second source
Poultry All stages Protect poultry houses from extreme wind with polythene sheets on the sheds.	by covering
Provide vitamin B complex @ 7ml/litre	in drinking
water daily in broiler for healthy growth.	
STATE GIS LAB. SCALE 1: 1,350,000 Litter should be changed periodically and	
(MEGHALAYA) 0 15 30 60 90 drinking water and change the water every	Ī
24°30'0"N-	
90°30°0"E 91°30°0"E 91°30°0"E removed."E 92°30°0"E 93°00 • Regularly inspect the dropings of the pour	
any diseases symptom.	.try blids for
Coccidiosis • Provide plenty of fresh and clean drinking v	ater.
Provide coccidiostatic like Amprolium @	
feed once a day as a preventive mea	sure against
coccidiosis.	• /-
Ranikhet disease • Vaccinate the poultry birds with F1/ Laso	
drop) at the age of 4-7 days old and 35 day eye and nostril.	s ora urrough
Piggery All stages • Vaccinate all newly born piglets against s	
the age of 3 months followed by annual boo	vine fever at
• In epidemic areas, vaccinate 6 months of	



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 1 st week of age.
	Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
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	
Fry stage/Advance fry		Fry stocking
C	& RD BLOCK MAP OF I	IEGH LA Once Common carp fry attained (5-6cm) it can be
E 90°30'0''E	91°0'0"E 91°30'0"E	harvest and transferred to rearing ponds.
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.
	Fry stage/Advance fry © © © © © © © © © © © © ©	Fry stage/Advance fry C RD BLOCK MAP OF N 90'300'E Brucellosis Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter





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Dated: 13/06/2017

is available due to heavy rain in the previous days, farmers should start ploughing of their main field.

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

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.

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

RC (AE)/30/2011/ Bulletin/June'2017/20

Knee high to

Tasseling stage

Maize

Region

High & Mid altitude

Agro Advisory Bulletin – NORTH GARO HILLS (Period 14th – 18th June, 2017)

Weather forecast valid up to 18th June, 2017

The possibility of Rainfall is 69.0mm for the next five days. Maximum Temp: 29-30°C, Minimum Temp: 19-21°C, Cloud cover: sky will be mainly cloudy i.e. 4-7 Okta, Maximum RH: 94-99%, Minimum RH: 52-92%, Wind speed: 3-4 Kmph, Wind direction: East-South.

Weekly cumulative rainfall: 69.0mm 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

Shoot Fly, Stem

borer

Sowing

loses of moisture.





			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
~ ·			reduce evaporation loses.
Ginger/Turmeric	Vegetative stage		• Manuring & fertilizer: Apply ½ dose of Urea at 40
	C	& RD BLOCK MAP OF I	IEGH DAPA
90°0'0	Ye 90°30'0"E	91°0'0"E 91°30'0"E	Weeding operation may be carried out. N/(5/(1-1)) + 45/1
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
			prevent further damage.
	ASSAM		• Initiate management, if the incidence is highly.
			initiate management, if the incidence is nightly.
Khasi Mandarin	Fruit Setting	a /	28°0′0"N
5	TIMMORALA NEBUDELIARA	2	Management of trunk borer: by collection & destruction
5	BABENGGEN FASTISHED HIALS	Jan Mary	of trunk borers adults by shaking the branches at 10 days
ANTEIL	S PONGE TO ROUGH	7 4	interval.
3	ROBGRAM A		• Management of fruit drop: Spray 2,4-D 15mg/l + Urea
25°30'0"N-	GARO HILLS	MONOSTON MOVEMAD RABBIAN	(10g/l) + Benomy (1g/l)
	CAMEGRE	WEST KHASI HILLS	25 500 H
Animal Sciences	A 11 a 4 a Chadhasa	A manual de	EAST HILLS JAINTEHILLS
Poultry	All stages	RAHBOR	• Protect poultry houses from extreme wind by covering with polythene sheets on the sheds.
	T CESSANIA	I man	 Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
25°0'0"N-	BANGLADESH		Litter should be changed periodically and provide clean
			drinking water and change the water every day.
			Diseased and dead birds should be immediately
	20		removed.
STATE	GIS LAB.	SCALE 1: 1,350,0	• Regularly inspect the dropings of the poultry birds for
(MEGI	ALAYA)	15 30 60	any diseases symptom.
24°30'0"N	90°30'0"E	Coccidiosis	Provide plenty of fresh and clean drinking water.300 N
90-0-0-1	90-30-0-E	91°0'0"E 91°30'0"E	Provide coccidiostatic like Amprolium @ 25-65 mg/kg
			feed once a day as a preventive measure against
		Ranikhet disease	coccidiosis.
		Ramkhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through
			eye and nostril.
Piggery	All stages		Vaccinate all newly born piglets against swine fever at
88* -J	5		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.



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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'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.

