



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

RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

Agro Advisory Bulletin – EAST KHASI HILLS (Period 5th – 9th November, 2016)

Weather forecast valid up to 9th November, 2016

The possibility of Rainfall is 31.0mm for the next five days. Maximum Temp: 25-26°C, Minimum Temp: 17-19°C, Cloud cover: sky will be mainly cloudy i.e. 5-7 Okta, Maximum RH: 90-97%, Minimum RH: 57-92%, Wind speed: 2-4 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall : 31.0mm C & RD BLOCK MAP OF MEGHALAYA

90°0'0'	'E 90°30'0''E	91°0'0"E 91'	30'0''E	92°0'0"E	92°30'0''E	93°0'0''E	
26'30'0''N-	gro meteorolo	gical Advis	ories	s for comi	ng 5 days		-26°30'0''N
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases		Agri	cultural Advis	sories	
Upland Rice	AsHarvesting		•	Threshing follow	ed by proper dryi	ng for safe s	storage,
Sali/Kharif Rice	Grain filling to Maturity			dry under sun pro Harvest the rice stubble above the Take up crops lil	e by leaving at e ground uniform ke Pea, toria & le	least 20cm ly.	n standing
25°0'0'N-	BANGLADESH	WEST IGHA SI HILLS	EAST	sowing of pea to recommended va TRC P9, Prakast is required for 1 rows & 3-5 cm p of fertilizer, NPI	g of pea in high escape the incide ar. like Arkel (for h, Rachna. Mainta ha at a spacing plant to plant. App K - 20;60:40 kg/l	ence of Russ r vegetables) ain a seed ra of 20-25 cr ply recommenta ha (44kg Ur	t. Use only), TRC P8 te of 60 kg m betweer ended dose ea, 375 kg
24°30′0″N	Land preparation to GIS LAB. planting ALAYA)	SCALE 1: 1, 15 30 60	90	time of sowing. Continue sowing Kufri Megha, Himsona, Kufri I Apply 100q/ha F	Kufri Giriraj, H Himalini. YM in furrows be	otato like K Kufri Girdh efore plantin	Kufri Joyti ari, Kufr
90°0'0''E	90°30°0"E	91°0'0"E 91'	*30'0''E • •	Make furrows of plant the sproute distance of 20-25 Apply N: P: K- 7 Cover the soil w	d tubers of size 40 50cm distance be d seeds in the furn 5cm between plan 5:120:60 kg/ha at ith locally availal n situ moisture co	etween the ro rows maintain t to plant. t the time of ble biomass	ining a sowing.
Cauliflower	Nursery preparation to transplanting		•	Start transplant of 60 cm row to	of 3- 5 weeks old row & 45 cm pla DP @50 kg/ha & 3	seedlings a nt to plant.	Apply ure





Cabbage	Nursery preparation to			Continue nursery preparation and transplanting of
Cabbage	transplanting			seedlings.
			•	Recommended variety: H-139, Pride of India
			•	Seed rate of 400-500g is required for transplanting of 1
				ha.
			•	Transplant 3- 5 weeks old seedlings at a spacing of 45
				cm row to row & 30cm plant to plant.
			•	Apply half dose of N (130.2 kg/ha urea) & K (50 kg/ha MOP) & full dose of P (500 kg/ha SSP) & at the time of
				transplanting.
Broccoli	Nursery preparation to		•	Continue nursery preparation and transplanting of
	transplanting			seedlings.
			•	Recommended variety: Puspa, Aiswarya
	С	& RD BLOCK MAP OF I	/I∎GI	Seed rate of 400-500g is required for transplanting of 1
90°0'0,	E 90°30'0''E	91°0'0"E 91°30'0"E	6	ha. 92°0'0"E 92°30'0"E 93°0'0"E
			•	Transplant 3- 5 weeks old seedlings at a spacing of 45cm
26°30'0''N-				row to row & 30cm plant to plant. Apply half dose of N (30 kg/ha urea), full dose of P (500
			•	kg/ha SSP) and K (100 kg/ha MOP) at the time of
				transplanting.
Ginger/ Turmeric	Rhizome development		٠	Give one hand weeding followed by fertilizer
	ASSAStage			application, earthing up and mulching.
			•	Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger;
26°0'0''N-	15 Maria	an s	3	for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP at 90 DAS.
* 5	THANKALA RESURELIMANA	and the second	.mang	Mulching can be done with locally available weed
5		her Kin	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	biomass, maize stalk, etc.
Serveria	SUNGERN RONG	.7 7 1	O IRABG	Avoid water logging as it causes rhizome rot and fungal
À	ROUGHAM	Summercause / / /		disease development.
25°30'0''N-	EAMANDA EAMANNEA	Leaf Spot	~	To prevent Leaf Spot disease, apply Bordeaux mixture
200	S CAMBIEGRE	WEST MASTHILLS	FAST	(5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l
Land	DALH CHORPOT BACHMARA	Rhizome rot	menning	of water. Spray/ drench 1% Bordeaux mixture or Dithane M-45
	LEADERDALLA ROMON	(ginger)	7	(2.5g/l) to prevent rhizome rot.
Groundnut	Maturity to Harvesting	10-0-1	6	Start harvesting the plant when the bottom leaves shed,
25°0'0''N-	BANGLADESstage			top leaves & stem turn yellow and 70-80% of the pods
25 0 0 N-				start yellowing. BANGLADESH
			•	Harvesting can be done either by hand pulling of the
				plants from bottom if there is adequate moisture or by digging with spade.
STATE	GIS LAB.	SCALE 1: 1,350,0	000	Stack the plants in inverted position and dry in sun for 3
	ALAYA)	15 30 60	90	-4 days to bring down the moisture content to 7-8% for
24°30'0''N-	90°30'0''E	91°0'0''E 91°30'0''E		safe storage. Clean the dry pod and store in gunny bags
90-0 0 E	90.300 E	91.00 E 91.200 F	2	5200E 92300E 9300E
Soyabean	Maturity to Harvesting		•	Yellowing of pods and dropping of leaves in soyabean
				indicates maturity. Farmers are advised to harvest their area if 05 % of the node become culture and the
				crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should
				be 14-15 %.
			•	After harvesting, dry the crop for 3 days and undertake
				threshing.
Khasi Mandarin	All stage		•	Paste the trunk of Mandarin tree upto 2m height with 1%
				Carbaryl 150 WP (20g/l).
			•	Collect and destroy the trunk borer adults by shaking the
Animal Sciences	<u> </u>	<u> </u>	L	branches 2-3 times at 10 days interval.
Ammai Sciences				





Piggery All stages Coccidiosis Provide plenty of fresh and clean drinking water. Piggery All stages Vaccinate the poultry birds with F1/ Lasota vaccine of drop) at the age of 4-7 days old and 35 days old throug eye and nostril. Piggery All stages Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. 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. Skin infection Skin infection Provide Ivermeetin (Injection) @ 10mg/33kg body wt. Cattle & Buffaloes 6-9 months calves	Poultry	All stages		 Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be shanged periodically and grouide clean
removel. Regularly inspect the dropings of the poultry binds fa any diseases symptom. Coccidiosis Provide pletce the dropings of the poultry binds fa any diseases symptom. Provide coccidiostatic like Amprolium @ 25-65 mg/h feed once a day as a preventive measure again coccidiosis. Provide coccidiostatic like Amprolium @ 25-65 mg/h feed once a day as a preventive measure again coccidiosis. Piggery All stages • Vaccinate the poultry binds with F1/Lasota vaccine (coccidiosis automatic measure again coccidiosis against swine fever in the age of 3 months followed by annual booster dose. Piggery All stages • Keep the pig stay born pigts against swine fever in the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with PM vaccine office in a year. • Vaccinate 6-9 months calves Assim Bincellosis • Drovide Ivermentin (Injection) @ Iomy/33g body wt. Vaccinate 8 buffaloes • Provide Month • Vaccinate 6-9 months dia calves with Brucella abort Vacente & Back Quarter • Staff for KVK staff for necess				
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Provide coccidiostatic like Amprolium @ 25-65 mg/k feed once a day as a preventive measure again coccidiosts. Ranikhet disease Ranikhet disease Ro BLOCK MAP OF Starte GIS LAB. STATE GIS LAB. ST				• Regularly inspect the dropings of the poultry birds for any diseases symptom.
Piggery All stages • Vaccinate the poultry birds with F1/ Lasota vaccine of EGHdrop) at the age of 4-7 days old and 35 days old throug eye and nostril. Piggery All stages • Repair the roof of pig stay (shed dry and clean and avoid dampness during rainy season. • Repair the roof of pig stay to protect from rain. • Keep the pig stay/shed dry and clean and avoid dampness during rainy season. • Repair the roof of pig stay to protect from rain. • Keep the pig stay (shed dry and clean and avoid dampness during rainy season. • Repair the roof of pig stay to protect from rain. • Vaccinate all newly born piglets against swine fever the age of 3 months followed by annual booster dose. • In epidemic areas, vaccinate 6 months old pigs wit FM vaccine once in a year. • Vaccinate 6-9 months old calves with Brucella abort coton strain-19 @ 5ml subcutaneous on the neck • State Agril, Staff or KVK staff for necessary help and suggestion: • Undertake regular immunization of cattle & buffalor against Foot & Mouth disease, Haemorrhag septicaemia, Black Quarter. • State Gis LAB, Conduct Deale • State Agril, Staff or KVK staff for necessary help and suggestion. • State Gis LAB, Conduct Deale • State Agril, Staff or KVK staff for necessary help and suggestion. • State Gis LAB, Conduct Deale • State Agril, Staff or KVK staff for necessary help and suggestion. • State Gis LAB, Conduct Deale • State Agril, Staff or KVK staff for necessary help and suggestion.			Coccidiosis	
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C RD BLOCK MAP OF Level and nostril. He age of 4-7 days old and 35 days old throug eye and nostril. Piggery All stages • Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Support • Repair the roof of pig stay to protect from rain. • Vaccinate all newly born piglets against swine fever 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. Cattle & Buffaloes 6-9 months calves Brucellosis • Vaccinate 6-9 months old calves with Brucella aborth cotton strain-19 @ 5ml subcutaneous on the neck. Suggestion: Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion: • Suggestion: Suggestion: Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion. • Suggestion: State Gis LAB. • State for suggestion: • State Gis LAB. • State for suggestion: State Gis LAB. • State Gis LAB. • State Gis LAB. • State Gis LAB. • State Gis LAB.			Ranikhet disease	
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25:3007H Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter • Undertake regular immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black Quarter. Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black Quarter Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black Quarter 25:007H BANGLADESH • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black Quarter Staff of KVK staff or RCCESsary help and suggestion. • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black Quarter • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black BangLADESH 25:007H • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black BangLADESH • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black BangLADESH • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black BangLADESH • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagi septicaemia & Black BangLADESH • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagin septicaemia & Black BangLADESH • Immunization of cattle & buffaloo against Foot & Mouth disease, Haemorrhagin septicaemia &	Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with Brucella abortus
25:0007H Example of the second se	S S	S manala Vin	m le	cotton strain-19 @ 5ml subcutaneous on the neck
25'3007H- The month agic Septical and a Black Quarter The septical and a suggestion. Suggestion: Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion. The septical and suggestion. The septical and suggestion. The septical and suggestion. Suggestion: Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion. The septical and suggestion. The septical and suggestion. The septical and suggestion. Staff or Hills The septical and suggestion. The septical and suggestion. The septical and suggestion. The septical and suggestion. Staff or Hills The septical and suggestion. The septical and suggestion. The septical and suggestion. The septical and suggestion. Staff or Hills The septical and suggestion. The septical and suggestion. The septical and suggestion. The septical and suggestion. Staff or Hills Staff or Hills The septical and suggestion. The septical and suggestion. The septical and suggestion. The septical and suggestion. Staff or Hills Staff or Hills Staff or Hills Staff or Hills The septical and suggestion. The septical and suggestion. </th <th>T</th> <th></th> <th>1 1 martin</th> <th>• Undertake regular immunization of cattle & buffaloes</th>	T		1 1 martin	• Undertake regular immunization of cattle & buffaloes
Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH 25'00'N STATE GIS LAB. (MEGHALAYA) 24'300'N Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. Contact nearby	C seas			
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25'0'0'N- STATE GIS LAB. (MEGHALAYA) 24'30'0'N- LANGLADESH LA		nearby State Agril Staff o		
25°0'0''N- BANGLADESH SCALE 1: 1,350,000 (MEGHALAYA) 24°30'0''N- 24°30'0''N- -25°0'0''N -24°30'0''N -24°30'0''N -24°30'0''N -24°30'0'N -24°30'N -2		CHORPOT LACHMARA		
25*0'0''N BANGLADESH STATE GIS LAB. (MEGHALAYA) 0 15 30 60 90 120 Kilometers 24*30'0''N -25*0'0''N -25*0'0''N -25*0'0''N -25*0'0''N -25*0'0''N -25*0'0''N -25*0'0''N		BANGLADESH	may	hot of good and
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24°30'0"N				000
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Dated: 04/11/2016

<u>Agro Advisory Bulletin – NORTH GARO HILLS</u> (Period 5th – 9th November, 2016)

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The possibility of Rainfall is 25.0mm for the next five days. Maximum Temp: 26-27°C, Minimum Temp: 18-19°C, Cloud cover: sky will be mainly cloudy i.e. 3-7 Okta, Maximum RH: 85-93%, Minimum RH: 61-77%, Wind speed: 2-5 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall : 25.0mm C & RD BLOCK MAP OF MEGHALAYA

90°0	0'0''E 90°30'0''E	91°0'0''E 91°	1°30'0"E 92°30'0"E 93°0'0"E 1 1 1 1
26°30'0''N-	Agro meteorolo	gical Advis	sories for coming 5 days —
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Upland Rice	AsHarvesting		Threshing followed by proper drying for safe storage,
Sali/Kharif Rice	Grain filling to Maturity		 Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly. Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly. Take up crops like Pea, toria & lentil after harvesting of rice under zero tillage condition.
25°0'0''N-	BANGLADESH	AURON	 Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
	Nursery preparation to BIS LAtransplanting HALAYA)	SCALE 1: 1, 15 30 60 91°00"E 91°	 Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting 92'300'E 92'300'E
Cabbage	Nursery preparation to transplanting		 Continue nursery preparation and transplanting of seedlings. Recommended variety: H-139, Pride of India Seed rate of 400-500g is required for transplanting of 1 ha. Transplant 3- 5 weeks old seedlings at a spacing of 45 cm row to row & 30cm plant to plant. Apply half dose of N (130.2 kg/ha urea) & K (50 kg/ha MOP) & full dose of P (500 kg/ha SSP) & at the time of transplanting.
Broccoli	Nursery preparation to transplanting		Continue nursery preparation and transplanting of seedlings.





Ginger/ Turmeric	Rhizome development stage	RD BLOCK MAP OF I	 Recommended variety: Puspa, Aiswarya Seed rate of 400-500g is required for transplanting of 1 ha. Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row & 30cm plant to plant. Apply half dose of N (30 kg/ha urea), full dose of P (500 kg/ha SSP) and K (100 kg/ha MOP) at the time of transplanting. Give one hand weeding followed by fertilizer application, earthing up and mulching. Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger; for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP at 90 DAS. Mulching can be done with locally available weed biomass, maize stalk, etc. Avoid water logging as it causes rhizome rot and fungal
26°30'0''N-		Leaf Spot Rhizome rot	 Avoid water logging as it causes impose for and rungar disease development. To prevent Leaf Spot disease, apply Bordeaux mixture (5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l of water. Spray/ drench 1% Bordeaux mixture or Dithane M-45
	ASSAM	(ginger)	(2.5g/l) to prevent rhizome rot.
Croundnut 26°0'0''N- 55 ⁶ ⁶ ¹⁰ 25°30'0''N-	Maturity to Harvesting	MANDER THE HILLS	 Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70-80% of the pods start yellowing. Harvesting can be done either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade. Stack the plants in inverted position and dry in sun for 3 - 4 days to bring down the moisture content to 7-8% for safe storage. Clean the dry pod and store in gunny bags
2827.64	CHOKPOT LACHMARA	Land manager	EAST HILLS JAINTHHILLS
Soyabean	Maturity to Harvesting BANGLADESH	EMBOR	 Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %. After harvesting, dry the crop for 3 days and undertake threshing.
Khasi Mandarin	All stage		 Paste the trunk of Mandarin tree upto 2m height with 1%
	GIS LAB. ALAYA)	SCALE 1: 1,350,0 15 30 60	 Carbaryl 150 WP (20g/l). Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.
Animal Sciences			
Poultry	All stages	Coccidiosis	 Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and 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 measure against coccidiosis.

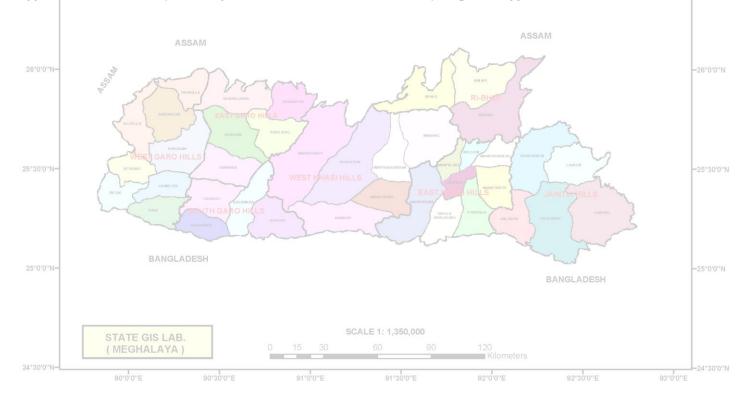




2: Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: iaasbarapani@yahoo.in

		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		• Keep the pig stay/shed dry and clean and avoid dampness during rainy season.
			• Repair the roof of pig stay to protect from rain.
			• 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.
		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
	C	RDFoot & Mouth OF	•GHUndertake regular immunization of cattle & buffaloes
90°0'0'	E 90°30'0''E	91'0'0"E Disease, 91'30'0"	against Foot & Mouth disease, Haemorrhagic
		Haemorrhagic	septicaemia & Black Quarter.
		Septicaemia, Black	· -
26°30'0''N-		Quarter	-26°30'0''N

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







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

RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

Agro Advisory Bulletin – Ri-Bhoi (Period 5th – 9th November, 2016)

Weather forecast valid up to 9th November, 2016 Weather summery of the past four days

Sky was mainly cloudy with 0.0mm of rainfall. Maximum temperatures ranged between 26-27°C and minimum ranged between 15-16°C. Mean relative humidity was 86-97% in morning and 44-50% in evening. Wind speed ranged between 2-4kmph.

90°30'0''E

90°0'0''E

The possibility of Rainfall is 21.0mm for the next five days. Maximum Temp: 26-27°C, Minimum Temp: 15-17°C, Cloud cover: sky will be mainly cloudy i.e. 5-7 Okta, Maximum RH: 85-98%, Minimum RH: 56-92%, C & RD BLOCK MAP OF Wind speed: 2-4Kmph, Wind direction: East-Southeast.

91°0'0''E 91°30'0''E Weekly cumulative rainfall : 21.0mm

26°30'0''N-	ro meteorolo	nical Advisori	ies for coming 5 days —
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Upland Rice	ASSAHarvesting	m 2	• Threshing followed by proper drying for safe storage,
Sali/Kharif Rice	Grain filling to Maturity Hills	Menormality Menormality And	 Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly. Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly. Take up crops like Pea, toria & lentil after harvesting of rice under zero tillage condition.
25°0'0''N-	ANGLADESH	EARCE	 Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20- 25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
Potato STATE G (MEGHA		SCALE 1: 1,350,00 15 30 60	 Continue sowing of HYVs of Potato like Kufri Joyti, Kufri Megha, Kufri Giriraj, Kufri Girdhari, Kufri Himsona, Kufri Himalini.
90°0'0"E	90°30'0''E	91°0'0"E 91°30'0"E	 Kufri Himsona, Kufri Himalini. Apply 100q/ha FYM in furrows before planting. Use sprouted seed tubers of size 40-50g. Make furrows of 50cm distance between the rows and plant the sprouted seeds in the furrows maintaining a distance of 20-25cm between plant to plant. Apply N: P: K- 75:120:60 kg/ha at the time of sowing. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.





Cauliflower	Nursery preparation to transplanting		• Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting
Cabbage	Nursery preparation to transplanting	RD BLOCK MAP OF M	 Continue nursery preparation and transplanting of seedlings. Recommended variety: H-139, Pride of India Seed rate of 400-500g is required for transplanting of 1 ha. Transplant 3- 5 weeks old seedlings at a spacing of 45 cm row to row & 30cm plant to plant. Apply half dose of N (130.2 kg/ha urea) & K (50 kg/ha MOP) & full dose of P (500 kg/ha SSP) & at the time of transplanting.
Broccoli 30'0''E	Nursery preparation to transplanting	91'00'E 91'30'0'E	 Continue nursery preparation and transplanting of seedlings. Recommended variety: Puspa, Aiswarya Seed rate of 400-500g is required for transplanting of 1 ha. Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row & 30cm plant to plant. Apply half dose of N (30 kg/ha urea), full dose of P
26°0'0"N-	mar	m E	(500 kg/ha SSP) and K (100 kg/ha MOP) at the time of transplanting.
25°30'0"N-	Rhizome development stage	INTERNATIONAL INVESTIGATION	 Give one hand weeding followed by fertilizer application, earthing up and mulching. Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger; for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP at 90 DAS. Mulching can be done with locally available weed biomass, maize stalk, etc. Avoid water logging as it causes rhizome rot and fungal disease development.
25°0'0''N-	INGLADESH	Leaf Spot Rhizome rot (ginger)	 To prevent Leaf Spot disease, apply Bordeaux mixture (5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l of water. Spray/ drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent rhizome rot.
Groundnut STATE GIS (MEGHAL			• Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods start yellowing.
24°30'0''N- 90°0''0''E	90°30°0"E	91°0'0''E 91°30'0''E	 Harvesting can be done either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade. Stack the plants in inverted position and dry in sun for 3 – 4 days to bring down the moisture content to 7-8% for safe storage. Clean the dry pod and store in gunny bags





		1	
Soyabean	Maturity to Harvesting	ŗ	 Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %. After harvesting, dry the crop for 3 days and undertake threshing.
Khasi Mandarin	All stage		 Paste the trunk of Mandarin tree upto 2m height with 1% Carbaryl 150 WP (20g/l). Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.
Animal Sciences			snaking the branches 2-5 times at 10 days interval.
Poultry	All stages		• Provide vitamin B complex @ 7ml/litre in drinking
90°0'0	C 8	RD BLOCK MAP OF M	 Flovide vitalini B complex @ /minute in drinking GH water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and changed the water every
26°30'0''N-			 day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom.
	ASSAM	Coccidiosis	 Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65
26°0'0"N-	A INSTAL A CONCLUSION	n E	mg/kg feed once a day as a preventive measure against coccidiosis.
Contraction of the second seco		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 25°30'0''N-	AND	AVEST INHASI HILLS	 Keep the pig stay/shed dry and clean and avoid dampness. 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
25°0'0''N-	BANGLADESH	Skin infection	 FMD vaccine once in a year. Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis SCALE 1: 1,350,000	• Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
(MEG	GIS <mark>LAB.</mark> HALAYA) ⁰	15 Foot & Mouth	• Undertake regular immunization of cattle &
24°30'0''N		Disease,	buffaloes against Foot & Mouth disease,
90°0''0''	E 90°30'0''E	Septicaemia, Black Quarter	Haemorrhagic septicaemia & Black Quarter.
	1 94 4 1 94 66	· `	

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





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RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

<u>Agro Advisory Bulletin – SOUTH GARO HILLS</u> (Period 5th – 9th November, 2016)

Weather forecast valid up to 9th November, 2016

The possibility of Rainfall is 30.0mm for the next five days. Maximum Temp: 27-28°C, Minimum Temp: 18-20°C, Cloud cover: sky will be mainly cloudy i.e. 2-7 Okta, Maximum RH: 85-93%, Minimum RH: 60-85%, Wind speed: 2-6 Kmph, Wind direction: Northeast-Southeast.

Weekly cumulative rainfall : 30.0mm C & RD BLOCK MAP OF MEGHALAYA

90°0'0	"E 90°30'0''E	91°0'0"E 91°30'0"	"E 92°0'0"E 92°30'0"E 93°0'0"E
26°30'0''N-	gro meteorolo	gical Adviso	ries for coming 5 days —
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Upland Rice	AsHarvesting		Threshing followed by proper drying for safe storage,
Sali/Kharif Rice	Grain filling to Maturity		 Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly. Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly. Take up crops like Pea, toria & lentil after harvesting of rice under zero tillage condition.
25°0'0'N-	BANGLADESH	WEST HHASI HILLS	 Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
	Nursery preparation to GIS LABTRANSPLANTING ALAYA)	SCALE 1: 1,350, 15 30 60 91°0'0''E 91°30'0'	 Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @ 130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting
Cabbage	Nursery preparation to transplanting		 Continue nursery preparation and transplanting of seedlings. Recommended variety: H-139, Pride of India Seed rate of 400-500g is required for transplanting of 1 ha. Transplant 3- 5 weeks old seedlings at a spacing of 45 cm row to row & 30cm plant to plant. Apply half dose of N (130.2 kg/ha urea) & K (50 kg/ha MOP) & full dose of P (500 kg/ha SSP) & at the time of transplanting.





D !!			
Broccoli	Nursery preparation to transplanting		• Continue nursery preparation and transplanting of
	transplanting		seedlings.
			 Recommended variety: Puspa, Aiswarya Seed rate of 400-500g is required for transplanting of 1
			• Seed rate of 400-500g is required for transplanting of 1 ha.
			 Transplant 3- 5 weeks old seedlings at a spacing of 45cm
			row to row & 30cm plant to plant.
			 Apply half dose of N (30 kg/ha urea), full dose of P (500
			kg/ha SSP) and K (100 kg/ha MOP) at the time of
			transplanting.
Ginger/ Turmeric	Rhizome development		Give one hand weeding followed by fertilizer
0	stage		application, earthing up and mulching.
			• Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger;
	С	& RD BLOCK MAP OF	IEGH for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP
90°0'0'	E 90°30'0''E	91°0'0"E 91°30'0"	at 90 DAS. 92'30'0''E 93'0'0''E
			Mulching can be done with locally available weed
26°30'0''N-			biomass, maize stalk, etc.
20.000.11			• Avoid water logging as it causes rhizome rot and fungal
		T CO /	disease development.
		Leaf Spot	• To prevent Leaf Spot disease, apply Bordeaux mixture
			(5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l of water.
	ASSAM	Rhizome rot	 Spray/ drench 1% Bordeaux mixture or Dithane M-45
26°0'0''N-	~~	(ginger)	(2.5g/l) to prevent rhizome rot.
Groundnut	Maturity to Harvesting		• Start harvesting the plant when the bottom leaves shed
5	stage	anona Jacob and	top leaves & stem turn yellow and 70–80% of the pods
	PARENDONY EASTOR OHILS	no la	start yellowing.
Selse LA	Songen Y Rong H	. 7 1	• Harvesting can be done either by hand pulling of the
A	E GARO HILLS	Summerun /	plants from bottom if there is adequate moisture or by
25°30'0''N-	EAMANELA SALANA	NONGSTON MONTHADRADHAN	digging with spade.
12	5 CANTIEGRE	WEST KHASI HILLS	• Stack the plants in inverted position and dry in sun for 3
2 MOAN	CHOKPOT (BACHIMARA	And many by	- 4 days to bring down the moisture content to 7-8% for
2nd	DALE STONTH GARO HILLS BORGE	S KAHIKOR	safe storage. Clean the dry pod and store in gunny bags
C	Maturity to Hamasting	2 mil	
Soyabean	Maturity to Harvesting BANGLADESH		• Yellowing of pods and dropping of leaves in soyabear
25°0'0''N-			indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the
			moisture content of the seeds during harvesting should
			be 14-15 %.
			• After harvesting, dry the crop for 3 days and undertake
STATE	GIS LAB.	SCALE 1: 1,350,0	threshing.
Khasi Mandarin (MEGH	ALAYA All stage	15 30 00	• Paste the trunk of Mandarin tree upto 2m height with 1%
24°30'0''N-	90°30'0''E	91°0'0''E 91°30'0''	Carbaryl 150 WP (20g/l).
			• Collect and destroy the trunk borer adults by shaking the
			branches 2-3 times at 10 days interval.
Animal Sciences	, 11	1	
Poultry	All stages		• Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
			• Litter should be changed periodically and provide clear drinking water and changed the water every day.
			 drinking water and changed the water every day. Diseased and dead birds should be immediately
			• Diseased and dead birds should be inimediately removed.
			 Regularly inspect the dropings of the poultry birds for
			any diseases symptom.
		Coccidiosis	 Provide plenty of fresh and clean drinking water.
			rice prenty of fresh and crean armining water.

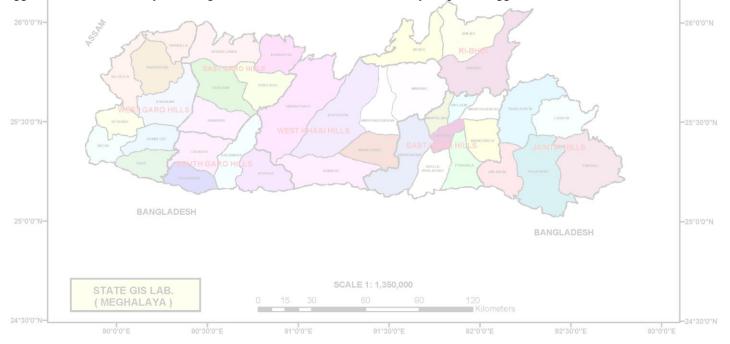




2: Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: iaasbarapani@yahoo.in

		Ranikhet disease	 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.
Piggery	All stages		 Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. 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.
Cattle & Buffaloes	6-9 months calves	RDSkin infection OF	 Provide Ivermectin (Injection) @ 10mg/33kg body wt. Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
26°30'0''N		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.

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







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

RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

<u>Agro Advisory Bulletin – SOUTH WEST GARO HILLS</u> (Period 5th – 9th November, 2016)

Weather forecast valid up to 9th November, 2016

The possibility of Rainfall is 32.0mm for the next five days. Maximum Temp: 26-27°C, Minimum Temp: 17-18°C, Cloud cover: sky will be mainly cloudy i.e. 4-7 Okta, Maximum RH: 81-94%, Minimum RH: 55-61%, Wind speed: 2-6 Kmph, Wind direction: Northeast-East.

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

90°0'0	"E 90°30'0"E	91°0'0"E 91°30'0"	E 92°0'0''E 92°30'0''E 93°0'0''E I I I
26*30'0''N-	gro meteorolo	gical Advisor	ries for coming 5 days —
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Upland Rice	AsHarvesting		• Threshing followed by proper drying for safe storage,
Sali/Kharif Rice	Grain filling to Maturity	ALE CONTRACTOR	 Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly. Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly. Take up crops like Pea, toria & lentil after harvesting of rice under zero tillage condition.
25'0'"N-	BANGLADESH	WEST HHASI HILLS	 Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8. TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
	Nursery preparation to transplanting GIS LAB. ALAYA)	SCALE 1: 1,350,0 15 30 60	• Start transplant of 3- 5 weeks old seedlings at a spacing
Cabbage	Nursery preparation to transplanting		 Continue nursery preparation and transplanting of seedlings. Recommended variety: H-139, Pride of India Seed rate of 400-500g is required for transplanting of 1 ha. Transplant 3- 5 weeks old seedlings at a spacing of 45 cm row to row & 30cm plant to plant. Apply half dose of N (130.2 kg/ha urea) & K (50 kg/ha MOP) & full dose of P (500 kg/ha SSP) & at the time of transplanting.





Dressel	Numerous proposition to		
Broccoli	Nursery preparation to transplanting		• Continue nursery preparation and transplanting of seedlings.
	transplanting		 Recommended variety: Puspa, Aiswarya
			 Seed rate of 400-500g is required for transplanting of 1
			ha.
			• Transplant 3- 5 weeks old seedlings at a spacing of 45cm
			row to row & 30cm plant to plant.
			• Apply half dose of N (30 kg/ha urea), full dose of P (500
			kg/ha SSP) and K (100 kg/ha MOP) at the time of
			transplanting.
Ginger/ Turmeric	Rhizome development		• Give one hand weeding followed by fertilizer
	stage		application, earthing up and mulching.
			• Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger; IEGH for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP
	С	& RD BLOCK MAP OF	at 90 DAS.
90°0'0)' E 90°30'0''E	91°0'0"E 91°30'0"	 Mulching can be done with locally available weed
			biomass, maize stalk, etc.
26°30'0''N-			• Avoid water logging as it causes rhizome rot and fungal
			disease development.
		Leaf Spot	• To prevent Leaf Spot disease, apply Bordeaux mixture
			(5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l
	ASSAM	DI	of water. ASSAM
		Rhizome rot	• Spray/ drench 1% Bordeaux mixture or Dithane M-45
Groundnut	Maturity to Harvesting	(ginger)	(2.5g/l) to prevent rhizome rot.
Grounanut	stage	The second	• Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods
5	BARENGENI EAST GREO HILLS	pan Kun	start yellowing.
Server a	A SUNGER SUNGER	.7 4	• Harvesting can be done either by hand pulling of the
2	ROBERTAN	1	plants from bottom if there is adequate moisture or by
25°30'0''N-	GARO HILLS	HONGSTON MANTHABRABHAN	digging with spade.
m	CAMIEGRE	WEST MASI HILLS	• Stack the plants in inverted position and dry in sun for 3
ZINTAN S	CHORROT LACHMARA		- 4 days to bring down the moisture content to 7-8% for
and and	BALLY TONTH GARO HILLS HOHON	RAHBOR	safe storage. Clean the dry pod and store in gunny bags
Soyabean	Maturity to Harvesting	1 - my	• Yellowing of pods and dropping of leaves in soyabean
	BANGLADESH		indicates maturity. Farmers are advised to harvest their
25°0'0''N-	DANOLADLOIT		crop if 95 % of the pods become yellow and the
			moisture content of the seeds during harvesting should
			be 14-15 %.
			• After harvesting, dry the crop for 3 days and undertake
	GIS LAB.	SCALE 1: 1,350,0	uncomig.
Khasi Manda <mark>rin (MEG</mark>	ALAY All stage		• Paste the trunk of Mandarin tree upto 2m height with 1%
24°30'0''N- 90°0'0''	e 90°30'0''E	91°0'0''E 91°30'0''	 Carbaryl 150 WP (20g/l). Collect and destroy the trunk borer adults by shaking the
			branches 2-3 times at 10 days interval.
Animal Sciences	1	1	oranonos 2 5 tintos a 10 days intervar.
Poultry	All stages		• Provide vitamin B complex @ 7ml/litre in drinking
····· •	6		water daily in broiler for healthy growth.
			• Litter should be changed 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
		Cassiliaria	any diseases symptom.
		Coccidiosis	• Provide plenty of fresh and clean drinking water.
			• Provide coccidiostatic like Amprolium @ 25-65 mg/kg

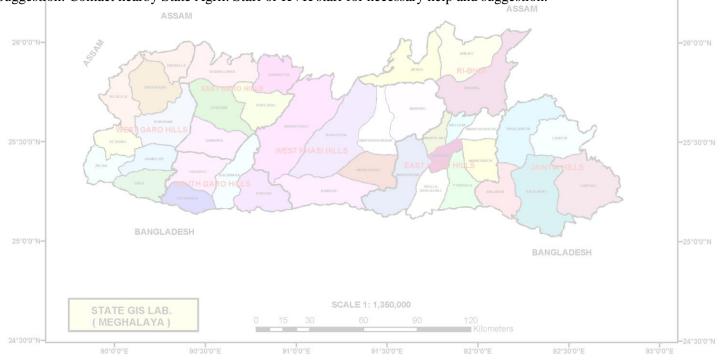




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			feed once a day as a preventive measure against coccidiosis.
		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		• Keep the pig stay/shed dry and clean and avoid dampness during rainy season.
			• Repair the roof of pig stay to protect from rain.
			• 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.
		Skin infection	• Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves C	R RD Brucellosisp of I	•GHVaccinate 6-9 months old calves with Brucella abortus
90°0'0'	E 90°30'0''E	91°0'0''E 91°30'0''E	cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth	• Undertake regular immunization of cattle & buffaloes
2202210101		Disease,	against Foot & Mouth disease, Haemorrhagic
26°30'0''N-		Haemorrhagic	septicaemia & Black Quarter.
		Septicaemia, Black	_
		Quarter	

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







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RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

<u>Agro Advisory Bulletin – SOUTH WEST KHASI HILLS</u> (Period 5th – 9th November, 2016)

Weather forecast valid up to 9th November, 2016

The possibility of Rainfall is 23.0mm for the next five days. Maximum Temp: 25-26°C, Minimum Temp: 19-20°C, Cloud cover: sky will be mainly cloudy i.e. 3-7 Okta, Maximum RH: 90-97%, Minimum RH: 58-91%, Wind speed: 2-4 Kmph, Wind direction: Northeast-Southeast.

Weekly cumulative rainfall : 23.0mm C & RD BLOCK MAP OF MEGHALAYA

90°0'0)"E 90°30'0"E	91°0'0"E 91°30'0"	'E 92°0'0''E 92°30'0''E 93°0'0''E I I I
26°30'0''N-	gro meteorolo	gical Adviso	ries for coming 5 days —
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Upland Rice	AsHarvesting		Threshing followed by proper drying for safe storage,
Sali/Kharif Rice	Grain filling to Maturity	AND THE AND TH	 Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly. Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly. Take up crops like Pea, toria & lentil after harvesting of rice under zero tillage condition.
Pea ^{5°30'0"N-}	Sowing CARE OF CONTON CARE OF CONTON CON	WEST INHASI HILLS	 Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
	Land preparation to planting ALAYA)	SCALE 1: 1,350, 15 30 60	• Continue sowing of HYVs of Potato like Kufri Joyti, Kufri Megha, Kufri Giriraj, Kufri Girdhari, Kufri Himsona, Kufri Himalini.
24*30'0''N-	e 90°30'0"E	91°0'0''E 91°30'0'	 Apply 100q/ha FYM in furrows before planting. Use sprouted seed tubers of size 40-50g. Make furrows of 50cm distance between the rows and plant the sprouted seeds in the furrows maintaining a distance of 20-25cm between plant to plant. Apply N: P: K- 75:120:60 kg/ha at the time of sowing. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Cauliflower	Nursery preparation to transplanting		• Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting
Cabbage	Nursery preparation to transplanting		• Continue nursery preparation and transplanting of





		1		
				seedlings.
			•	Recommended variety: H-139, Pride of India
			•	Seed rate of 400-500g is required for transplanting of 1
				ha.
			•	Transplant 3- 5 weeks old seedlings at a spacing of 45
				cm row to row & 30cm plant to plant.
			•	Apply half dose of N (130.2 kg/ha urea) & K (50 kg/ha MOD) & full dose of D (500 ha fa SSD) & at the time of
				MOP) & full dose of P (500 kg/ha SSP) & at the time of
Broccoli	Nursery preparation to			transplanting.
DIOCCOI	transplanting		•	Continue nursery preparation and transplanting of seedlings.
	uansplanung		•	Recommended variety: Puspa, Aiswarya
				Seed rate of 400-500g is required for transplanting of 1
	C	& RD BLOCK MAP OF I	VEC	
	C		•	Transplant 3- 5 weeks old seedlings at a spacing of 45cm
90°0	0'E 90°30'0''E	91°0'0"E 91°30'0"		row to row & 30cm plant to plant.
			•	Apply half dose of N (30 kg/ha urea), full dose of P (500
26°30'0''N-				kg/ha SSP) and K (100 kg/ha MOP) at the time of
				transplanting.
Ginger/ Turmeric	Rhizome development		•	Give one hand weeding followed by fertilizer
	stage			application, earthing up and mulching.
	ASSAM		•	Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger;
				for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP
26°0'0''N-	En Mana	1	3	at 90 DAS26'0'0''N
8	THERELA RESURCEMENT	my &	.mang	Mulching can be done with locally available weed
5		have ben the	~	biomass, maize stalk, etc.
C serve		7 4 1	•	Avoid water logging as it causes rhizome rot and fungal disease development.
	Remain And C	Leaf Spot	MARARO	To prevent Leaf Spot disease, apply Bordeaux mixture
	Heat GARO HILLS	нонсьтони	no	(5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l
25°30'0''N-		WEST KHASI HILLS		of water.
2002.6%	CHOKENOT Z	Rhizome rot	EAST	Spray/ drench 1% Bordeaux mixture or Dithane M-45
2~(DALE THIN H GARO HILLS	(ginger)	1	(2.5g/l) to prevent rhizome rot.
Groundnut	Maturity to Harvesting	Same	•	Start harvesting the plant when the bottom leaves shed,
	stage		a.	top leaves & stem turn yellow and 70-80% of the pods
25°0'0''N-	BANGLADESH			start yellowing.
			•	Harvesting can be done either by hand pulling of the
				plants from bottom if there is adequate moisture or by
				digging with spade.
CTAT	GIS LAB.	SCALE 1: 1,350,0	00	Stack the plants in inverted position and dry in sun for $3 - 4$ days to bring down the moisture content to 7-8% for
	HALAYA)	15 30 60	90	safe storage. Clean the dry pod and store in gunny bags
24°30'0''N-				-24'30'0"N
Soyabean	Maturity to Harvesting	91°0'0''E 91°30'0''	•	Yellowing of pods and dropping of leaves in soyabean
~~; u vouii				indicates maturity. Farmers are advised to harvest their
				crop if 95 % of the pods become yellow and the
				moisture content of the seeds during harvesting should
				be 14-15 %.
			•	After harvesting, dry the crop for 3 days and undertake
				threshing.
Khasi Mandarin	All stage		•	Paste the trunk of Mandarin tree upto 2m height with 1%
			_	Carbaryl 150 WP (20g/l).
			•	Collect and destroy the trunk borer adults by shaking the
				branches 2-3 times at 10 days interval.
Animal Sciences				
Animal Sciences Poultry	All stages		•	Provide vitamin B complex @ 7ml/litre in drinking





		Coccidiosis	 water daily in broiler for healthy growth. Litter should be changed 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 pienty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
	C	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 WEGHeye and nostril.
Piggery 90°0'	Allstages	91°0'0"E 91°30'0"	 Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. 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.
	ASSAM	Skin infection	• Provide Ivermectin (Injection) @ 10mg/33kg body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with Brucella abortus
26°0'0"N-		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	 cotton strain-19 @ 5ml subcutaneous on the neck Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
Suggestion: Contact n	CAREFORE DESCRIPTION	or KVK staff for neces	sary help and suggestion.
	GIS LAB. HALAYA)	SCALE 1: 1,350,0 15 30 60	
24°30'0''N-			-24°30'0''N
90°0'0''	'E 90°3Ô'0''E	91°0'0''E 91°30'0''	E 92°0'0''E 92°30'0''E 93°0'0''E





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RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

MOP) & full dose of P (500 kg/ha SSP) & at the time of

transplanting.

<u>Agro Advisory Bulletin – WEST GARO HILLS</u> (Period 5th – 9th November, 2016)

Weather forecast valid up to 9th November, 2016

The possibility of Rainfall is 10.0mm for the next five days. Maximum Temp: 27-28°C, Minimum Temp: 18-20°C, Cloud cover: sky will be mainly cloudy i.e. 5-7 Okta, Maximum RH: 80-91%, Minimum RH: 59-77%, Wind speed: 2-7 Kmph, Wind direction: Northeast-Southeast.

Weekly cumulative rainfall : 10.0mm C & RD BLOCK MAP OF MEGHALAYA

90°0'0	"E 90°30'0"E	91°0'0''E 91°30'0'	"E 92°0'0"E 92°30'0"E 93°0'0"E 1
26"30"0"N-	gro meteorolo	gical Adviso	ries for coming 5 days —
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Upland Rice	AsHarvesting		Threshing followed by proper drying for safe storage,
Sali/Kharif Rice	Grain filling to Maturity		 Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly. Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly. Take up crops like Pea, toria & lentil after harvesting o rice under zero tillage condition.
25°0'0"N-	BANGLADESH	RAIROR	 Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8 TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dost of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
Cauliflower STATE (MEGP 24*30'0''N-	Nursery preparation to GIS LAtransplanting ALAYA)	SCALE 1: 1,350, 15 30 60 91°0'0''E 91°30'0'	 Start transplant of 3- 5 weeks old seedlings at a spacin of 60 cm row to row & 45 cm plant to plant. Apply ure @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at th time of transplanting
Cabbage	Nursery preparation to transplanting		 Continue nursery preparation and transplanting or seedlings. Recommended variety: H-139, Pride of India Seed rate of 400-500g is required for transplanting of ha. Transplant 3- 5 weeks old seedlings at a spacing of 4. cm row to row & 30cm plant to plant. Apply half dose of N (130.2 kg/ha urea) & K (50 kg/h)





D !!			
Broccoli	Nursery preparation to transplanting		• Continue nursery preparation and transplanting of
	transplanting		seedlings.
			 Recommended variety: Puspa, Aiswarya Seed rate of 400-500g is required for transplanting of 1
			• Seed rate of 400-500g is required for transplanting of 1 ha.
			 Transplant 3- 5 weeks old seedlings at a spacing of 45cm
			row to row & 30cm plant to plant.
			 Apply half dose of N (30 kg/ha urea), full dose of P (500
			kg/ha SSP) and K (100 kg/ha MOP) at the time of
			transplanting.
Ginger/ Turmeric	Rhizome development		Give one hand weeding followed by fertilizer
0	stage		application, earthing up and mulching.
			• Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger;
	С	& RD BLOCK MAP OF	IEGH for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP
90°0'0'	E 90°30'0''E	91°0'0"E 91°30'0"	at 90 DAS. 92'30'0''E 93'0'0''E
			Mulching can be done with locally available weed
26°30'0''N-			biomass, maize stalk, etc.
20.000.11			• Avoid water logging as it causes rhizome rot and fungal
		T CO /	disease development.
		Leaf Spot	• To prevent Leaf Spot disease, apply Bordeaux mixture
			(5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l of water.
	ASSAM	Rhizome rot	 Spray/ drench 1% Bordeaux mixture or Dithane M-45
26°0'0''N-	~~	(ginger)	(2.5g/l) to prevent rhizome rot.
Groundnut	Maturity to Harvesting		• Start harvesting the plant when the bottom leaves shed
5	stage	anona Jacob and	top leaves & stem turn yellow and 70–80% of the pods
	PARENDONY EASTOR OHILS	no la	start yellowing.
Selse LA	Songen Y Rong H	. 7 1	• Harvesting can be done either by hand pulling of the
A	E GARO HILLS	Summerun /	plants from bottom if there is adequate moisture or by
25°30'0''N-	EAMANELA S	NONGSTON MONTHADRADHAN	digging with spade.
12	5 CANTIEGRE	WEST KHASI HILLS	• Stack the plants in inverted position and dry in sun for 3
S and S	CHOKPOT (BACHIMARA	And many by	- 4 days to bring down the moisture content to 7-8% for
2nd	DALE STONTH GARO HILLS BORGE	S RAHIKOR	safe storage. Clean the dry pod and store in gunny bags
C	Maturity to Hamasting	2 mil	
Soyabean	Maturity to Harvesting BANGLADESH		• Yellowing of pods and dropping of leaves in soyabear
25°0'0''N-			indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the
			moisture content of the seeds during harvesting should
			be 14-15 %.
			• After harvesting, dry the crop for 3 days and undertake
STATE	GIS LAB.	SCALE 1: 1,350,0	threshing.
Khasi Mandarin (MEGH	ALAYA All stage	15 30 00	• Paste the trunk of Mandarin tree upto 2m height with 1%
24°30'0''N-	90°30'0''E	91°0'0''E 91°30'0''	Carbaryl 150 WP (20g/l).
			• Collect and destroy the trunk borer adults by shaking the
			branches 2-3 times at 10 days interval.
Animal Sciences	, 11	1	
Poultry	All stages		• Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
			• Litter should be changed periodically and provide clear drinking water and changed the water every day.
			 drinking water and changed the water every day. Diseased and dead birds should be immediately
			• Diseased and dead birds should be inimediately removed.
			 Regularly inspect the dropings of the poultry birds for
			any diseases symptom.
		Coccidiosis	 Provide plenty of fresh and clean drinking water.
			rice prenty of fresh and crean armining water.

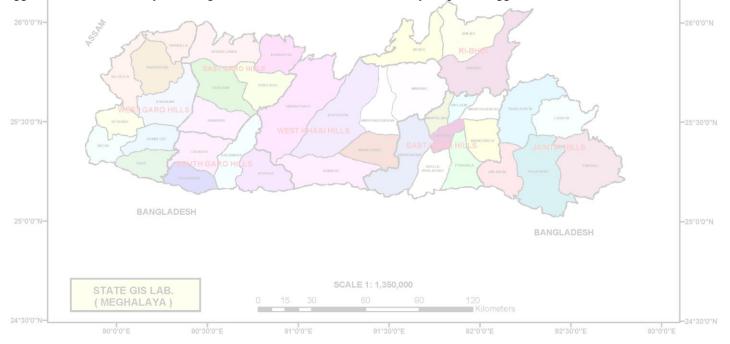




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		Ranikhet disease	 Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		 Keep the pig stay/shed dry and clean and avoid dampness during rainy season. Repair the roof of pig stay to protect from rain. 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.
Cattle & Buffaloes	6-9 months calves	RDSkin infection OF	 Provide Ivermectin (Injection) @ 10mg/33kg body wt. Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
26°30'0''N		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.

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







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RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

<u>Agro Advisory Bulletin – WEST JAINTIA HILLS</u> (Period 5th – 9th November, 2016)

Weather forecast valid up to 9th November, 2016

The possibility of Rainfall is 38.0mm for the next five days. Maximum Temp: 25-26°C, Minimum Temp: 16-17°C, Cloud cover: sky will be mainly cloudy i.e. 5-7 Okta, Maximum RH: 93-98%, Minimum RH: 54-94%, Wind speed: 2-4 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall : 38.0mm C & RD BLOCK MAP OF MEGHALAYA

90°0'0	90°30'0''E	91°0'0"E 91°30'0 I	"E 92'0'0'E 92'30'0'E 93'0'0'E
26*30'0''N-	gro meteorolo	gical Adviso	ries for coming 5 days —
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Upland Rice	AsHarvesting		Threshing followed by proper drying for safe storage,
Sali/Kharif Rice	Grain filling to Maturity	Mentersated Annual Mentersated Annual Mentersated Mentersated Mentersated Mentersated Annual Menters Annual Mentersated Annual Mentersated Annual Mentersated Annual Mentersated Annual Mentersated Annual Mentersate	 Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly. Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly. Take up crops like Pea, toria & lentil after harvesting of rice under zero tillage condition. Continue sowing of pea in high altitude. Avoid late
25°0'0''N-	BANGLADESH	EAUSOR	sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
24*30'0''N-	ALAYA) 90°30'0''E	SCALE 1: 1,350, 15 30 60 91°0'0''E 91°30'0'	 Continue sowing of HYVs of Potato like Kufri Joyti, Kufri Megha, Kufri Giriraj, Kufri Girdhari, Kufri Himsona, Kufri Himalini. Apply 100q/ha FYM in furrows before planting. Use sprouted seed tubers of size 40-50g. Make furrows of 50cm distance between the rows and plant the sprouted seeds in the furrows maintaining a distance of 20-25cm between plant to plant. Apply N: P: K- 75:120:60 kg/ha at the time of sowing. Cover the soil with locally available biomass like straw, grasses, etc for in situ moisture conservation.
Cauliflower	Nursery preparation to transplanting		• Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting





~		r	T	
Cabbage	Nursery preparation to		•	Continue nursery preparation and transplanting of
	transplanting			seedlings. Recommended variety: H-139, Pride of India
				Seed rate of 400-500g is required for transplanting of 1
			•	ha.
				Transplant 3- 5 weeks old seedlings at a spacing of 45
				cm row to row & 30cm plant to plant.
			•	Apply half dose of N (130.2 kg/ha urea) & K (50 kg/ha
				MOP) & full dose of P (500 kg/ha SSP) & at the time of
				transplanting.
Broccoli	Nursery preparation to		•	Continue nursery preparation and transplanting of
	transplanting			seedlings.
			•	Recommended variety: Puspa, Aiswarya
	C	& RD BLOCK MAP OF N	//EG	Seed rate of 400-500g is required for transplanting of 1
90°0'0'	E 90°30'0''E	91°0'0''E 91°30'0''E		ha. 92'0'0'E 92'0'0'E 93'0'0'E 92'0'0'E 92'0'0'E 92'0'0'E
			•	row to row & 30cm plant to plant.
26°30'0''N-				Apply half dose of N (30 kg/ha urea), full dose of P (500
				kg/ha SSP) and K (100 kg/ha MOP) at the time of
				transplanting.
Ginger/ Turmeric	Rhizome development		•	Give one hand weeding followed by fertilizer
	Assastage			application, earthing up and mulching.
			•	Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger;
26°0'0''N-	En Mana	·	3	for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP
SR 5	THEREELS A RESURCEMENT	my &	mana	at 90 DAS.
5	BARENDONI FAST BURG HILLS	frend they		Mulching can be done with locally available weed biomass, maize stalk, etc.
SELSELLA	S ROBORT ROBORT	7 4 1		Avoid water logging as it causes rhizome rot and fungal
5	ROBGRAM	1 1 1 2	CIRCARG.	disease development.
25°30'0"N-	GARO HILLS	Leaf Spot	~	To prevent Leaf Spot disease, apply Bordeaux mixture
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CAMBLE CRE	WEST KHASI HILLS		(5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l
2007AH	CHOKPOT LACHIMARA	La marine La	EAST	of water.
La	BALL STORTH GARO HILLS	Rhizome rot	1	Spray/ drench 1% Bordeaux mixture or Dithane M-45
	T. COMMANDA	(ginger)	1	(2.5g/l) to prevent rhizome rot.
Groundnut	Maturity to Harvesting BANGLADES stage		-	Start harvesting the plant when the bottom leaves shed,
25°0'0''N-	BANGLADESstage			top leaves & stem turn yellow and 70–80% of the pods start yellowing.
				Harvesting can be done either by hand pulling of the
				plants from bottom if there is adequate moisture or by
				digging with spade.
	GIS LAB.	SCALE 1: 1,350,0	00	Stack the plants in inverted position and dry in sun for 3
( MEGH	ALAYA)	15 30 60	90	-4 days to bring down the moisture content to 7-8% for
24°30′0''N-	90°30'0''E	91°0'0''E 91°30'0''E		safe storage. Clean the dry pod and store in gunny bags
Soyabean	Maturity to Harvesting		•	Yellowing of pods and dropping of leaves in soyabean
Syablan	maturity to rial vesting			indicates maturity. Farmers are advised to harvest their
				crop if 95 % of the pods become yellow and the
				moisture content of the seeds during harvesting should
				be 14-15 %.
			•	After harvesting, dry the crop for 3 days and undertake
	4.11		—	threshing.
Khasi Mandarin	All stage		•	Paste the trunk of Mandarin tree upto 2m height with 1%
				Carbaryl 150 WP (20g/l).
			•	Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.
Animal Sciences	<u> </u>	<u> </u>	L	oranenes 2-5 times at 10 days interval.
Annual Sciences				





	A 11		
Poultry	All stages		• Provide vitamin B complex @ 7ml/litre in drinking
			water daily in broiler for healthy growth.
			• Litter should be changed periodically and provide clean
			drinking water and 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 <b>F1/ Lasota vaccine</b> (1
	С	RD BLOCK MAP OF	
90°0'	0'E 90°30'0''E	91°0'0"E 91°30'0"	eye and nostril.
Piggery	All stages		• Keep the pig stay/shed dry and clean and avoid
26°30'0''N-			dampness during rainy season.
20.300 N			• Repair the roof of pig stay to protect from rain.
			• 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
	ASSAM		FMD vaccine once in a year.
		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>
S. A.	- Therman 1 V 3 W	m y	cotton strain-19 @ 5ml subcutaneous on the neck
	REBURELDARA	Foot & Mouth	• Undertake regular immunization of cattle & buffaloes
C SELSES	EASTGRO HIDLS	Disease,	against Foot & Mouth disease, Haemorrhagic
	Souceau T Ronas	Haemorrhagic	septicaemia & Black Quarter.
	EST GARO HILLS	Septicaemia, Black	MILLEY LEWICHNERO HIADLANCEN
25°30'0''N-	IC SAMANUA	Quarter www.magnas.man	LAXEEDI -25°30'0"N
Suggestion: Contact 1	earby State Agril. Staff o	or KVK staff for neces	sary help and suggestion.
2	CHOKPOT BACHMARA	A montrent of	WATRAM A CONTRACT OF THE OF TH
	LEASTINGTANA ROMAN HONOR	EAHROR	SURLEA POWERA ANAMEN RELEWING
	- Low	-2	harman harman
	DANCI ADESH	0	
25°0'0''N	BANGLADESH		-25°0'0''N
			BANGLADESH
STATE	GISLAB	SCALE 1: 1,350,0	000
		15 30 60	90 120
	HALAYA)		





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

RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

#### Agro Advisory Bulletin – WEST KHASI HILLS (Period 5th – 9th November, 2016)

Weather forecast valid up to 9th November, 2016

The possibility of Rainfall is 13.0mm for the next five days. Maximum Temp: 25-26°C, Minimum Temp: 16-18°C, Cloud cover: sky will be mainly cloudy i.e. 4-7 Okta, Maximum RH: 80-96%, Minimum RH: 61-87%, Wind speed: 2-4 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall : 13.0mm C & RD BLOCK MAP OF MEGHALAYA

90°0'0	90°30'0''E	91°0'0"E 91°30'0"	E 92°0'0"E 92°30'0"E 93°0'0"E
28°30'0''N	gro meteorolo	gical Advisoı	ries for coming 5 days —
Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Upland Rice	AsHarvesting		Threshing followed by proper drying for safe storage,
Pea ^{5°30'0'N-}	Grain filling to Maturity	MARSON RADIA STATES	<ul> <li>Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly.</li> <li>Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly.</li> <li>Take up crops like Pea, toria &amp; lentil after harvesting of rice under zero tillage condition.</li> <li>Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows &amp; 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP &amp; 67 kg MOP). Apply all doses of fertilizers at the time of sowing.</li> </ul>
	Land preparation to planting ALAYA)	SCALE 1: 1,350, 15 30 60 91°0'0''E 91°30'0'	Continue sowing of HYVs of Potato like Kufri Joyti,
Cauliflower	Nursery preparation to transplanting		<ul> <li>Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row &amp; 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha &amp; SSP @500 kg/ha at the time of transplanting</li> </ul>





transplanting       seedlings,         seedlings,       excommended variety: II-139, Pride of India         Proceoli       Nursery preparation to transplanting of transplanting, of the transplanting	~			
<ul> <li>Recommended variety: H-139, Pride of India</li> <li>Seed rate of 400-500g is required for transplanting of 15 ha.</li> <li>Transplant 3-5 weeks old seedlings at a spacing of 45 cm row to row &amp; 30cm plant to plant.</li> <li>Apply half date of N (150.2 kph area), &amp; K (50 kph</li></ul>	Cabbage	Nursery preparation to		
<ul> <li>Seccil rate of 400-500g is required for transplanting of 1 ha.</li> <li>Transplant 3- 5 weeks of decilings at a spacing of 45 cm row to row 8, 20 cm plant to plant.</li> <li>Apply half dose of N (1302 kg/ha urea) &amp; K (60 kg/ha MOP) &amp; full dose of P (500 kg/ha SSP) &amp; at the time of transplanting.</li> <li>C a RD BLOCK MAP OF Coordinate and the space of the</li></ul>		transplanting		
ha. Ha. Ha. Ha. Ha. Ha. Ha. Ha. H				
Broccoli       Nursery preparation to transplanting       - Transplant 3- 5 wecks old seedings at a spacing of 45 en row to row & 30cm plant to plant.         Broccoli       Nursery preparation to transplanting       - Continue nursery preparation and transplanting of seedings.         Broccoli       Nursery preparation to transplanting       - Continue nursery preparation and transplanting of seedings.         Broccoli       Nursery preparation to transplanting       - Continue nursery preparation and transplanting of seedings.         Broccoli       Nursery preparation to transplanting       - Continue nursery preparation and transplanting of seedings.         Broccoli       Reput National Seed Tab (300 Seg) is required for transplanting of transplanting.       - Continue nursery preparation and transplanting of seedings.         Broccoli       Rhizome development Assassinge       - Give one hand weeding followed by fertilizer application, estifying up and matching.         Broccoli       Rhizome development Assassinge       - Give one hand weeding followed by fertilizer application, estifying up and matching.         Broccoli       Rhizome rot (ginger)       - Size Assass Assass - Mulching can be done with locally available weed biomass, maiz stalk, etc.         Groundnut       Maturity to Harvesting Maturity to Harvesting       - Size Assass Assass - Size Assass - Size Assass - Size Assass - Size Assass Assass - Size Assass Assass - Size Assasss - Size Assass - Size A				
cm row to zow & 30cm plant to plant. <ul> <li>Apply half does of N (130.2 gkpha urea) &amp; K (50 kgha MOP) &amp; full does of P (500 kgha SSP) &amp; at the time of transplanting.</li> <li>Continue nursery preparation and transplanting of 1 ba.</li> <li>Recommended variety: Puspa, Aiswarya</li> <li>Seed nut of 400-500 is required for transplanting of 1 ba.</li> <li>Fransplant 3- 5 weeks of 30 kgha urea), full does of P (500 kgha SSP) &amp; at the time of transplant to plant.</li> <li>Apply half does of N (130 kgha urea), full does of P (500 kgha SSP) and K (100 kgha MOP) at the time of transplanting.</li> <li>Ginger/ Turmeric</li> <li>Rhizome development Ass. SHUPC</li> <li>Give one hand weeding followed by fertilizer application. citrifing up and maketing.</li> <li>Apply half does of N (130 kgha urea), full does of P (300 kgha SSP) and K (100 kgha MOP) at the time of transplanting.</li> <li>Give one hand weeding followed by fertilizer application. citrifing up and maketing.</li> <li>Apply half does of N (130 kgha urea and 100.2 kgha MOP) at 90 DAS.</li> <li>Mulching can be done with locally available weed biomass, maize stalk, etc.</li> <li>Avaid water logging as it cuess thizome rot and fungal disease development.</li> <li>Sprav/ farch 1%. Bordeaux mixture or Dithane M-45 (2.5/10) aprevent har Spot disease, apply Bordeaux mixture or Dithane M-45 (2.5/10) aprevent hickbottom the bottom leaves shell, the plants fina bottom if there is adequate moisture content or.</li> <li>Sprav/ farch 1%. Bordeaux mixture or Dithane M-45 (2.5/10) to prevent hickbottom it bettom leaves shell and fungal disease development is adequate moisture content or.</li> <li>Start harvesting the plant symbot hick bottom leaves shell are plants for bottom it dreves shell are sadevelopming of Lavave and the plants for bottom content dithe seade</li></ul>				
<ul> <li>Apply half dose of N (30.2 kg/ha urca) &amp; K (30 kg/ha MOP) &amp; fit filds of of P (500 kg/ha SSP) &amp; at the time of transplanting.</li> <li>Broccoli</li> <li>Narsery preparation to transplanting of Large Lock MAP OF 10 (500 kg/ha SSP) &amp; at the time of transplanting.</li> <li>Continue nursery preparation and transplanting of 1 ha.</li> <li>Recommended variety: Puspa, Aiswarga Seedings.</li> <li>Recommended variety preparation of transplanting of 1 ha.</li> <li>Tamsplant 3-5 vecks of seedings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Apply half dose of N (30 kg/ha MOP) af the time of transplanting.</li> <li>Give one hand weeding followed by fertilizer application, earthing and nucleing.</li> <li>Give one hand weeding followed by fertilizer application, earthing on an multi-hig.</li> <li>Apply half dose of N (30 kg/ha MOP) af the time of transplanting.</li> <li>Give one hand weeding followed by fertilizer application, earthing on a multi-hig.</li> <li>Apply slit kg/ha urcs and 10.2 kg/ha MOP of gringer: for turneric apply 65.1 kg/ha urcs and 10.2 kg/ha MOP af the time of water.</li> <li>Apply slit kg/ha urcs and 10.2 kg/ha MOP af the time of water.</li> <li>Groundmat</li> <li>Maturity to Harvesting</li> <li>Eart for the seed of the odd water of the seed at the time of the seed to be addition and the seed to be additio</li></ul>				
MiOP) & full doe of P (500 kg/ha SSP) & at the time of transplanting.         Broecoli       Nursery preparation to transplanting.         c RD BLOCK MAP OF       Continue nursery preparation and transplanting of 1 ha.         c RD BLOCK MAP OF       Seed tate of 400-500 is required for transplanting of 1 ha.         c RD BLOCK MAP OF       Seed tate of 400-500 is required for transplanting of 1 ha.         c REGENTATION (Reference)       Seed tate of 400-500 is required for transplanting.         Ginger/Turmeric       Rhizome development Ass. Stage         c Reference       Cite one hand weeding followed by fertilizer application. earthing up and malching.         c Apply half dose of N (30 kg/ha MOP) at the time of transplanting.       Apply half dose of N (30 kg/ha MOP) at the time of transplanting.         c Strate       Cite one hand weeding followed by fertilizer application. earthing up and malching.         c Strate       Nutching can be done with locally available weed biomass, maize talk, etc.         c Noid water logging as it causes thizome rot and fungal disease development.       Spiny difech 1% Bordeaux mixture or Dithane M-45 (2.5g) to prevent hizome rot.         c Start Arresting the plant within the bottom leaves shed, to plants of bottom it deves shed, to plants of notomic tary ellowing.       Start Arresting the plant within the bottom leaves shed, to plant within the distance of water.         c Start Arresting the plant with the bottom leaves shed, the pustof in waterorot of water.       Start Arresting the plant				
Broccoli       Nursery preparation to transplanting       Continue nursery preparation and transplanting of seedings.         Broccoli       Nursery preparation to transplanting       Continue nursery preparation and transplanting of seedings.         Broccoli       Preparation to transplanting       Continue nursery preparation and transplanting of seedings.         Broccoli       Preparation to transplanting.       Continue nursery preparation and transplanting of seedings.         Broccoli       Preparation to transplanting.       Continue nursery preparation and transplanting of hum.         Broccoli       Preparation to transplanting.       Continue nursery preparation to seedings.         Broccoli       Preparation to transplanting.       Continue nursery preparation to transplanting.         Ginger/ Turmeric       Rhizome development Apply 81.1 kg/ha urea and 10.0.2 kg/ha MOP at 90 DAS.       Continue and veeding followed by fertilizer application, earthing up and mulching.         Broccoli       Leaf Spot       Continue to the Spot Rhizomer ot.       Continue to the Spot Rhizomer ot.         Groundmut       Maturity to Harvesting Bransformer stugge       Leaf Spot Rhizomer ot.       Start harvesting the plant, which the bottom leaves shot to prevent rhizome not.         Groundmut       Maturity to Harvesting Bransformer stugge       Start harvesting the plant in metred position and dry in sun for 3 -4 days to bring down the moisture content to 7-8% for the plants from bottom if there is decquate moisture c				
Broccoli       Nursery preparation to transplanting <ul> <li>C &amp; RD BLOCK MAP OF seedings.</li> <li>C &amp; RO MOP at the time of transplanting.</li> <li>C &amp; RD BLOCK MAP OF seedings.</li> <li>C &amp; RO NO &amp; RD MOP at the time of transplanting.</li> <li>C &amp; RO MOP at the time of transplanting.</li> <li>C &amp; We on hand weeding followed by fertilizer application. earthing up and mulching.</li> <li>Apply 81.4 kg/ha urea and 10.2 kg/ha MOP at 90 DAS.</li> <li>Mulching can be done with locally available weed biomass: maize stalk, etc.</li> <li>Mulching can be done with locally available weed biomass.</li> <li>Mulching can be done with locally available weed biomass.</li> <li>To prevent Lead Spot with seed.</li> <li>S Spray drench 1% Bordcaux mixture or Dithane M-45 (2,5g/h) to prevent frazone rot.</li> <li>S Stark the plants in inverted position and dry in sun for 3 -4 days to bring down the moisture content to 7.48% for the pode start yellowing.</li> <li>S Tark tharvesting for the pode start weeks of social starts in guinny bags.</li> <li>S Stark the plants in invereted position and</li></ul>				
transplanting       seedings.         seed rate of 400-500g is required for transplanting of 1 ha.         seed rate of 400-500g is required for transplanting of 1 ha.         seed rate of 400-500g is required for transplanting of 1 ha.         seed rate of 400-500g is required for transplanting of 1 ha.         Seed rate of 400-500g is required for transplanting of 1 ha.         Seed rate of 400-500g is required for transplanting of 1 ha.         Seed rate of 400-500g is required for transplanting of 1 ha.         Ginger / Turmeric         Rhizome development         Apply shif dose of N (30 kg/ha urea), full dose of P (500 kg/ha SSP) and K (100 kg/ha MOP) at the time of transplanting.         Give one hand weeding followed by fertilizer application, eartifting up and mulching.         Apply shif dose of N (30 kg/ha urea) and 10.2 kg/ha MOP at 90 DAS.         Seed rate of seed rate of secol sease, apply Bordeaux mixture (55.50 at 1 kg/ha urea and 41.75 kg/ha MOP for ginger;         For prevent Leaf Spot         Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods start yellowing.         Start harvesting the plant when the bottom leaves shed; top leaves & stem turn yellow and 70–80% of the pods start yellowing.         Start harvesting the plant when the bottom to not more tor 7.8% for safe storge. Clean the down the mosture content to 7.8% for safe storge. Clean the down the mosture or by digging with spade.         Start harvesting, dry the crop for 3 day	Broccoli	Nursery preparation to		
C E ROBLOCK MAP OF     Seed rate of 400-500 is required for transplanting of 1 ha.     Seed rate of 400-500 is required for transplanting of 45cm     row to row & 30cm plant to plant.     Apply half dose of N (30 kg/ha area), full dose of P (500 kg/ha SSP) and K (100 kg/ha MOP) at the time of     transplanting.     Ginger/Turmeric     Rhizome development     Ages stage     Prove to row a 30cm plant to plant.     Apply bill dose of N (30 kg/ha area), full dose of P (500 kg/ha SSP) and K (100 kg/ha MOP) at the time of     transplanting.     Ginger/Turmeric     Rhizome development     Ages stage     Prove to row to row a 30cm plant to plant.     Apply bill dose of N (30 kg/ha area), full dose of P (500 kg/ha SSP) and K (100 kg/ha MOP) at the time of     transplanting.     Ginger/Turmeric     Rhizome development     Ages stage     Prove to read the row of the row and 10.2 kg/ha MOP     a value to the row of the row and 10.2 kg/ha MOP     a value to the row of the row and 10.2 kg/ha MOP     a value to the row of the row and 10.2 kg/ha MOP     a value to the row of the row and 10 kg/ha SGP     a value to the row of the row and 10 kg/ha SGP     a value to the row of the row and 10 kg/ha SGP     a value to the row of the row shed,     to plant to row to row and 70 kg/ha the row of the pod     start rule of the row and 70 kg/ha the row of the row shed,     to plant to harvesting     sector start of the row start value or row and 70 kg/ha the row of the row start value row of the row start value row of the row and the row of the row start value row of the row start value row of the row start value row of the row and the row of the row start value row row of the row start value row	Dioccon			
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<ul> <li>Transplant 3-5 weeks ofd seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Apply Maif dose of N (30 kg/ha urea), full dose of P (500 kg/ha MOP) at the time of transplanting.</li> <li>Ginger/ Turmeric</li> <li>Rhizome development</li> <li>Stage</li> <li>Apply M 1-4 g/ha urea and 10.2 kg/ha MOP for ginger; for turneric application, earthing up and mulching.</li> <li>Apply M 1-4 g/ha urea and 10.2 kg/ha MOP for ginger; for turneric application, earthing as talk, etc.</li> <li>Abit Mulching can be done with locally available weed biomass, maize stalk, etc.</li> <li>Abit Mulching can be done with locally available weed biomass, maize stalk, etc.</li> <li>Apply M 1-4 g/ha urea and 10.2 kg/ha MOP for ginger; for turneric apply 60 disease; apply Bordeaux mixture of Start biomass, maize stalk, etc.</li> <li>Apply M 1-4 g/ha urea and 10.2 kg/ha MOP for ginger; for turneric apply 60 disease; apply Bordeaux mixture of water.</li> <li>To prevent Leaf Spot</li> <li>To greewet Leaf Spot disease; apply Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent hizome rot.</li> <li>Spray drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent hizome rot.</li> <li>Start to B LAB.</li> <li>Start to B LAB.</li> <li>Start to B LAB.</li> <li>Start to B LAB.</li> <li>Soyabean</li> <li>Maturity to Harvesting</li> <li>Start the plats in inverted position and dry in sun for 3 affect on group of a start yellowing.</li> <li>Start the plats in inverted position and true to hyding gin the spade.</li> <li>Start the plats in inverted position and the moisture content to 7.8g for safe storage. Clean the dry pod and store in gummy bags</li> <li>Soyabean</li> <li>Maturity to Harvesting</li> <li>Yellowing of pods and dropping of leaves in soyabean indicates matriny. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15</li></ul>		C		ha
<ul> <li>row to row &amp; 30cm plant to plant.</li> <li>Apply half dose of N (30 kg/ha urea), full dose of P (500 kg/ha SSP) and K (100 kg/ha urea), full dose of P (500 kg/ha SSP) and K (100 kg/ha urea), full dose of P (500 kg/ha SSP) and K (100 kg/ha MOP) at the time of transplanting.</li> <li>Girger/ Turmeric</li> <li>Rhizome development</li> <li>Agga Slage</li> <li>Give one hand weeding followed by fertilizer application, earthing up and mulching.</li> <li>Apply 81.4 kg/ha urea and 100.2 kg/ha MOP or ginger: for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP at 90 DAS.</li> <li>Mulching can be done with locally available weed biomass, maize stalk, etc.</li> <li>Avoid water logging as it causes thizome rot and fungal disease development.</li> <li>Start harvesting the plant when the bottom teaves shed, top leaves &amp; stem turn yellow and 70-80% of the pods start yellowing.</li> <li>Start harvesting are bedone either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.</li> <li>Start harvesting are bedone either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.</li> <li>Start harvesting are bedone either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.</li> <li>Start harvesting are bedone either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.</li> <li>Start harvesting are advised to harvest their crop if 95 % of the pods sort and throws the diverse shed.</li> <li>Sysabean</li> <li>Maturity to Harvesting</li> <li>Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods bacome yellow and the moisture content to 7 x8% for safe storage. Clean the dry pod and store in guinny bags</li> <li>Soyabean</li> <li>Maturity to Harvesting</li> <li>Yellowing of pods and dropping of</li></ul>	90°0'0	"E 90°30'0''E	91°0'0''E 91°30'0''	E 9200E 9200E 9300E
Apply half does of N (30 kg/ha urea), full does of P (500 kg/ha SSP) and K (100 kg/ha MOP) at the time of transplanting.     Give one hand weeding followed by fertilizer application, earthing up and mulching.     Apply 81.4 kg/ha urea and 11.75 kg/ha MOP at 00 DAS.     Give one hand weeding followed by fertilizer application, earthing up and mulching.     Apply 81.4 kg/ha urea and 10.2 kg/ha MOP at 00 DAS.     Mulching can be done with locally available weed biomass, maize stalk, etc.     Available weed biomass, maize stalk, etc.     Available weed biomass, maize stalk, etc.     Start harvesting the platt when the bottom leaves shed, top leaves sket, the platts from bottom if there is adequate moisture or by digging with spade.     Start harvesting available weed biomass, maize stalk, etc.     Start harvesting available weed biomass, maize stalk, etc.     Start harvesting available weed biomass, maize stalk, etc.     Start				
Ginger/ Turmeric       Rhizome development         Asso Stage       • Give one hand weeding followed by fertilizer application, earthing up and mulching.         Asso Stage       • Give one hand weeding followed by fertilizer application, earthing up and mulching.         Asso Stage       • A yold Nich Acha and AL 75 Kg/ha MOP for ginger; for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP at 90 DAS.         Asso Stage       • A yold water logging as it causes rhizome rot and fungal disease development.         Asso Stage       • Corperent Lar Spot disease, apply Bordeaux mixture (5550) after 4 - Swecks of sowing or Captar (© 1.5 g/l of water.         Groundout       Maturity to Harvesting       • Start Harvesting the plant when the bottom leaves shed, (Meer ALAYA)         BANGLADES stage       • Start Harvesting cab e done either by hand pulling of the plants from bottom if there is adequate moisture or to 7-88% of soviet or or safe storage. Clean the dry pod and store in guinty bas         Soyabean       Maturity to Harvesting       • Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvesting should be 14-15 %.         Khasi Mandarin       All stage       • Paste the trunk of Mandarin tree upo 2m height with 1% Carbaryl 150 WP (20g/l).	26°30'0''N-			
Ginger/ Turmeric       Rhizome development         Ass. stage				
Assa Stage       application, earthing up and mulching.         Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger;       for turmeric apply 65.1 kg/ha urea and 10.02 kg/ha MOP at 90 DAS.         Bit of turmeric apply 65.1 kg/ha urea and 10.02 kg/ha MOP at 90 DAS.       Mulching can be done with locally available weed biomass, maize stak, etc.         Ayoid Water logging as it causes thizome rot and fungal disease development.       Ayoid Water logging as it causes thizome rot and fungal disease development.         Groundhut       Maturity to Harvesting       To prevent Leaf Spot disease, apply Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent thizome rot.         Start Parset for bottom if there is adequate moisture or by digging with spade.       Start harvesting the plant when the bottom leaves shed, to pleaves & stem turn yellow and 70–80% of the pods start yellowing.         Start Parset for bottom if there is adequate moisture or by digging with spade.       Start harvesting are advised to harvest their crop if 95 % of the pods start set by pod and store in guinty bags         Soyabean       Maturity to Harvesting       Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %.         Khasi Mandarin       All stage       Peast the trunk of Mandarin tree upto 2m height with 1% Carbory 150 WP (20/l).         Collect and destroy the runk borer adults by shaking the branches 2-3 interval.       Collect and destroy the runk borer adults by shaking the branches 2-3 in				transplanting.
<ul> <li>Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger: for turnicic apply 65.1 kg/ha urea and 10.0.2 kg/ha MOP at 00 DAS.</li> <li>Mulching can be done with locally available weed biomass, maize stalk, etc.</li> <li>Avoid water logging as it causes thizome rot and fungal disease development.</li> <li>Corrent Leaf Spot (city)</li> <li>Bareal Addition of the second of the point point of the point of the point point of the point poin</li></ul>	Ginger/ Turmeric	Rhizome development		
Statut		ASSAstage		
<ul> <li>Mulching can be done with locally available weed biomass, maize stalk, etc.</li> <li>Avoid water logging as it causes rhizome rot and fungal disease development.</li> <li>To prevent Leaf Spot (55:50) after 4 – 5weeks of soving or Captan @ 1.5 g/l of water.</li> <li>Start harvesting the plant when the bottom leaves shed, top leaves &amp; stem turn yellow and 70–80% of the pods start yellowing.</li> <li>Start harvesting can be done either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.</li> <li>Stack the plants in inverted position and dry in sun for 3 – 4 days to bring down the moisture content to 7-8% for safe storage. Clean the dry pod and store in gurny bags</li> <li>Soyabean</li> <li>Maturity to Harvesting</li> <li>Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %.</li> <li>All stage</li> <li>Paste the trunk of Mandarin tree upto 2m height with 1% Carbaryl 150 WP (20g/l).</li> <li>Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.</li> </ul>				
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System       disease development.         To prevent Leaf Spot (5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l of water.         Groundmut       Maturity to Harvesting BANGLADE#stage         BANGLADE#stage       SCALE 1: 1.360         Start Barseting around a discase development.       Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods start yellowing.         STATE BIS LAB.       SCALE 1: 1.360         Start Barseting the plant when the bottom if there is adequate moisture or by digging with spade.         Start Barseting the plants in inverted position and dry in sun for 3 as a start yellowing.         ALAYA         Start Barseting the plants in inverted position and dry in sun for 3 safe storage. Clean the dry pod and store in gutiny bags store indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content to the seeds during harvesting should be 14-15 %.         Khasi Mandarin       All stage         Khasi Mandarin       All stage	serseur	EAST GRO HIDES	ng ly I	
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Groundnut       Maturity to Harvesting         BANGLADESStage       • Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods start yellowing.         STATE DISLAB. (MEGPALAYA)       • Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods start yellowing.         STATE DISLAB. (MEGPALAYA)       • Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods start yellowing.         Start Parseting Comparison of the plants from bottom if there is adequate moisture or by digging with spade.         Start Parseting down the moisture content to 7-8% for safe storage. Clean the dry pod and store in gunny bags         Soyabean       Maturity to Harvesting         Naturity to Harvesting       • Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %.         Khasi Mandarin       All stage         Khasi Mandarin       All stage         • Paste the trunk of Mandarin tree upto 2m height with 1% Carbary 150 WP (20g/l).         • Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.		GARO HILLS	www.www.	
Groundnut       Maturity to Harvesting BANGLADE® stage       Filizome rot (ginger)       of water.         Story H       Maturity to Harvesting BANGLADE® stage       Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods start yellowing. BANGLADE® stage         STATE DIS LAB. (MEGI ALAYA)       Start E       SCALE 1: 1350 00       Stack the plants in inverted position and dry in sun for 3 - 4 days to bring down the moisture content to 7-8% for safe storage. Clean the dry pod and store in guinny bags         Soyabean       Maturity to Harvesting       Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %.         Khasi Mandarin       All stage       Paste the trunk of Mandarin tree upto 2m height with 1% Carbory 150 WP (20g7).         Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.	25°30'0''N-	CAMANUA 3	WEST KHASI HILLS	
Groundhut       Maturity to Harvesting BANGLADE® stage       Rhizome rot (ginger)       Spray/ drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent rhizome rot.         Groundhut       Maturity to Harvesting BANGLADE® stage       • Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods start yellowing. BANGLADE® Harvesting can be done either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.         STATE CIS LAB. (MEGG ALAYA)       • SCALE 1: 1,350         Strate are done either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.         Strate CIS LAB. (MEGG ALAYA)       • SCALE 1: 1,350         Strate are done either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.         Soyabean       Maturity to Harvesting         Maturity to Harvesting       • Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %.         Khasi Mandarin       All stage       • Paste the trunk of Mandarin tree upto 2m height with 1% Carbaryl 150 WP (20g/l).         Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.	THE AN	CAMIEGRE		
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Groundnut       Maturity to Harvesting       Start harvesting the plant when the bottom leaves shed, top leaves & stem turn-yellow and 70–80% of the pods start yellowing.         25007H       BANGLADESStage       Start harvesting the plant when the bottom leaves shed, top leaves & stem turn-yellow and 70–80% of the pods start yellowing.         STATE DIS LAB. (MEGHALAYA)       STATE DIS LAB. (MEGHALAYA)       Stack the plants from bottom if there is adequate moisture or by digging with spade.         Stack the plants in inverted position and dry in sun for 3       Stack the plants in inverted position and dry in sun for 3         Soyabean       Maturity to Harvesting       Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %.         Khasi Mandarin       All stage       Paste the trunk of Mandarin tree upto 2m height with 1% Carbaryl 150 WP (20g/l).         Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.		CONTRACT ROBOT	EAHIKOR	
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<ul> <li>indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %.</li> <li>After harvesting, dry the crop for 3 days and undertake threshing.</li> <li>Khasi Mandarin All stage</li> <li>Paste the trunk of Mandarin tree upto 2m height with 1% Carbaryl 150 WP (20g/l).</li> <li>Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.</li> </ul>				
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<ul> <li>Carbaryl 150 WP (20g/l).</li> <li>Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.</li> </ul>	Khasi Mandarin	All stage		
Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.		in stuge		
branches 2-3 times at 10 days interval.				
	Animal Sciences		1	





Piggery       All stages <ul> <li>Skin infection</li> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>				
	Poultry	All stages		• Provide vitamin B complex @ 7ml/litre in drinking
All stages       Coccidiosis       Provide plenty of fresh and clean drinking water.         Provide coccidiosis       Provide plenty of fresh and clean drinking water.         Provide coccidiosis       Provide plenty of fresh and clean drinking water.         Provide coccidiosis       Provide coccidiosis         Regularly inspessive the dropings of the poultry birds for any coccidiosis.       Provide coccidiosis         Regularly inspessive the dropings of the poultry birds with FI/ Lasota vaccine (1)       Recidiosiatic like Amprolum @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.         Regularly inspessive the poultry birds with FI/ Lasota vaccine (1)       Receided once a day as a preventive measure against coccidiosis.         Piggery       All stages       Vaccinate the poultry birds with FI/ Lasota vaccine (1)         Piggery       All stages       Vaccinate due yas to protect from rain.         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.         Cattle & Buffaloes       6-9 months calves       Brucellosis       Vaccinate 6-9 months old calves with Brucella abortus cotton stain 1-19 & 5m slobectureous on the neck         Mouth       Diseasee, Haemorrhagic       Septicaemia, Black       Undertake regular immunization of cattle & buffaloes against Fool & Mouth       Septicaemia, Black       Undertake regular immunizaton of cattle & b				
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.     Ramitkhet disease     Ro BLOCK MAP OF FEGMORY at the age of 4-7 days old and 35 days old through eye and nostril.     Repair the roof of pig stay to protect from rain.     Vaccinate client and water dese.     In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.     State of a months calves     Brucellosis     Skin infection     Provide levermeetin (lnjection) @ 10mg/33kg body wt.     Vaccinate 6-9 months old calves with Brucella abortas come states against Food & Mouth Disease, Baemorrhagic Septicaemia, Black     Suggestion: Contact nearby State Agril, Statf or KVK staff or necessary help and suggestion.     BANGLADEEH				
Piggery       All stages         Piggery       Naccinate all newly bong pigts against swine fover at the age of 3 months followed by annual booster dose.         Piggery       Biggery         Piggery				
				• Diseased and dead birds should be immediately
any disease symptom.         Coccidiosis         Provide coccidiosita like Amprollum @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.         Ranikhet disease         C RD BLOCK MAP OF         EGH drop) at the go of 4-7 days old and 35 days old through eye and nostril.         Piggery         All stages         Vaccinate the poultry birds with FI/ Lasota vaccine (1 Gen 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.         Cattle & Buffaloes       6-9 months calves         Poort & Wouth       9 months calves         Provide Vereneetin (Injection) @ 10mg/33kg body wt.         Cattle & Buffaloes       6-9 months calves         Poort & Mouth       9 months calves         Provide Vereneetin (Injection) @ 10mg/33kg body wt.         Cattle & Buffaloes       6-9 months calves         Provide Vereneetin (Injection) @ 10mg/33kg body wt.         Quarter       9 months old calves with Brucelloa abortas cotton strain-19 @ Sml subcutaneous on the neck         Suggestion: Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion.         MECHALA				removed.
Coccidiosis  Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg for an example and the polarty birds with F1/ Lasota vaccine (1 Coccidiosis. Ranikhet disease Coccidiosis Ranikhet disease Coccidiosis Ranikhet disease Coccidiosis Ranikhet disease Coccidiosis Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect from rain. Repair the roof of pig stay to protect				
<ul> <li>Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> <li>Ranikhet disease</li> <li>Vaccinate the poultry birds with F1/ Lasota vaccine (1 coccidiosis.</li> <li>Ranikhet disease</li> <li>Vaccinate the poultry birds with F1/ Lasota vaccine (1 coccidiosis.</li> <li>Repeated the age of 4-7 days old and 35 days old through eye and nostril.</li> <li>Keep the pig stay/shed dry and clean and avoid dampness subring rainy season.</li> <li>Repair the roof of pig stay to protect from rain.</li> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.</li> <li>Cattle &amp; Buffaloes</li> <li>6-9 months calves</li> <li>Brucellosis</li> <li>Vaccinate 6.9 months old alves with Brucella abortus on the neck</li> <li>Vaccinate 6.9 months old alves with Brucella abortus on the neck</li> <li>Vaccinate 6.9 months old alves with Brucella abortus of cattle &amp; buffaloes contracting of a cattle abortus of cattle &amp; buffaloes</li> <li>G-9 months calves</li> <li>Brucellosis</li> <li>Vaccinate 6.9 months old alves with Brucella abortus of cattle &amp; buffaloes contracting of a months old calves with Brucella abortus of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic septicaemia, Black Quarter.</li> <li>Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.</li> <li>BANGLADESH</li> <li>STATE GIS LAB.</li> </ul>				
Field once a day as a preventive measure against cocidiosis.         Ranikhet disease       Vaccinate the poultry birds with FI/ Lasota vaccine (1         Piggery       All stages       • Keep the pig stay/shed dry and clean and avoid dampness during rainy season.         • Repair the roof of pig stay to protect from rain.       • Vaccinate the age of 3 months followed by annual booster dose.         • Naccinate the Buffaloes       6-9 months calves       Brucellosis         • Stan       Skin infection       • Provide Ivermectin (Injection) @ 10mg/33kg body wt.         Cattle & Buffaloes       6-9 months calves       Brucellosis         • Foot & Mouth       • Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck         • Undertake regular immunization of cattle & buffaloes       • Ondertake regular immunization of cattle & buffaloes against Foot & Mouth         • State Agril, Staff or KVK staff for necessary help and suggestion:       • State Agril, Staff or KVK staff for necessary help and suggestion.         • STATE GIS LAB.       • State Agril, Staff or KVK staff for necessary help and suggestion.       • State of the sta			Coccidiosis	• Provide plenty of fresh and clean drinking water.
Piggery       All stages       Ranikhet disease R B BLOCK MAP OF R BLOCK MAP				
Ranikhet disease C       Ranikhet disease RB BLOCK MAP OF BEGETON 11.       Vaccinate the poultry birds with F1/ Lasota vaccine (1 cross and a solid disease)         Piggery       All stages       Keep the pig stay/shed dry and clean and avoid dampees during rainy season.       Execution (1)         Piggery       All stages       Keep the pig stay/shed dry and clean and avoid dampees during rainy season.       Execution (1)         Piggery       All stages       Standard (1)       Keep the pig stay/shed dry and clean and avoid dampees during rainy season.         Piggery       All stages       Standard (1)       Piggery       Standard (1)       Standard (1)         All stages       Standard (1)       Piggery       All stages       Standard (1)       Standard (1)       Standard (1)         All stages       Standard (1)       Standard (1)       Standard (1)       Piggery (1)       Standard (1)       Standard (1)         Assam       Skin infection       Provide Ivermectin (Injection) @ 10mg/33kg body wt.       Cattle & Buffaloes       G-9 months calves       Brucellosis       Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck Quarter       Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck Quarter       Balack Quarter.         Suggestion:       Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion.       BandLADESH <th></th> <th></th> <th></th> <th>feed once a day as a preventive measure against</th>				feed once a day as a preventive measure against
Piggery       All stages       • Keep the pig stay/shed dry and clean and avoid dampress during rainy season.         • Keep the pig stay/shed dry and clean and avoid dampress during rainy season.       • Keep the pig stay/shed dry and clean and avoid dampress during rainy season.         • Repair the roof of pig stay to protect from rain.       • Keep the pig stay/shed dry and clean and avoid dampress during rainy season.         • Repair the roof of pig stay to protect from rain.       • Keep the pig stay to protect from rain.         • 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.         • Cattle & Buffaloes       6-9 months calves       Brucellosis       • Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck         • Suggestion:       Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion.       • Undertake regular immunization of cattle & buffaloes against Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter.         Suggestion:       Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion.         • STATE GIS LAB.       SCALE 11 1380.000         • 109       • 109       • 109         • 109       • 00       • 00         • 109       • 00       • 00         • 109       • 00       • 00         • 000				coccidiosis.
Piggery All stages eye and nostril. Piggery All stages eye and nostril. Repair the roof of pig stay to protect from rain. Ne Repair the roof of pig stay to protect from rain. Ne Repair the roof of pig stay to protect from rain. Ne age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. Cattle & Buffaloes 6-9 months calves Brucellosis Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5m subcutaneous on the neck Undertake regular immunization of cattle & buffaloes against Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BANGLADESH BAN			Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (1
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dampness during rainy season. ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM ABBAM	90°0	10'E 90°30'0''E	91°0'0"E 91°30'0"	
<ul> <li>Repair the roof of pig stay to protect from rain.</li> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.</li> <li>Skin infection</li> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> <li>Vaccinate 6-9 months calves</li> <li>Brucellosis</li> <li>Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth</li> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic Septicaemia, Black Quarter</li> <li>Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.</li> </ul>	Piggery	All stages	1	• Keep the pig stay/shed dry and clean and avoid
<ul> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.</li> <li>Skin infection</li> <li>Provide Ivermeetin (Injection) @ 10mg/33kg body wt.</li> <li>Vaccinate 6-9 months calves</li> <li>Buffaloes</li> <li>6-9 months calves</li> <li>Brucellosis</li> <li>Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic Septicaemia, Black Quarter.</li> <li>Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.</li> <li>BANGLADESH</li> </ul>	2012010101			dampness during rainy season.
<ul> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.</li> <li>Skin infection</li> <li>Provide Ivermeetin (Injection) @ 10mg/33kg body wt.</li> <li>Vaccinate 6-9 months calves</li> <li>Buffaloes</li> <li>6-9 months calves</li> <li>Brucellosis</li> <li>Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic Septicaemia, Black Quarter.</li> <li>Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion.</li> <li>BANGLADESH</li> </ul>	26*30'0''N-			• Repair the roof of pig stay to protect from rain.
ASSAM       • In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.         Cattle & Buffaloes       6-9 months calves       Brucellosis       • Provide Ivermeetin (Injection) @ 10mg/33kg body wt.         Cattle & Buffaloes       6-9 months calves       Brucellosis       • Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck         Cattle & Buffaloes       6-9 months calves       Foot & Mouth Disease, Haemorrhagic Septicaemia, Black       • Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia, Black Quarter.         Suggestion:       Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion.       • BANGLADESH         Storm       State GIS LAB.       SCALE 1: 1,350,000       • 120         O 15 30 09 120       90 120       120         State GIS LAB.       SCALE 1: 1,350,000       120         State GIS LAB.       SCALE 1: 1,350,000       120         State GIS LAB.       90 120				• Vaccinate all newly born piglets against swine fever at
ASSAM       FMD vaccine once in a year.         Cattle & Buffaloes       6-9 months calves       Brucellosis       • Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck         Cattle & Buffaloes       6-9 months calves       Brucellosis       • Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck         Cattle & Duffaloes       6-9 months calves       Foot & Mouth       • Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic Septicaemia, Black Quarter.         25:007W       • Regentiate Agril. Staff or KVK staff for necessary help and suggestion.       • BANGLADESH       • Septior         Statte GIS LAB.       SCALE 1: 1,350,000       90       120       • BANGLADESH       • 25'007N				the age of 3 months followed by annual booster dose.
Skin infection       Provide Ivermectin (Injection) @ 10mg/33kg body wt.         Cattle & Buffaloes       6-9 months calves       Brucellosis       Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck         Cattle & Diffaloes       6-9 months calves       Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter       Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic Septicaemia, Black Quarter         Suggestion:       Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion.       BangLADESH       Scale 1: 1,350,000         State GIS LAB.       SCALE 1: 1,350,000       90       120       120       25'00'N				• In epidemic areas, vaccinate 6 months old pigs with
Cattle & Buffaloes 6-9 months calves Brucellosis Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH SCALE 1: 1,350,000 0 15 30 60 90 120 Kilometers Ar3007H		ASSAM		FMD vaccine once in a year.
Cattle & Buffaloes 6-9 months calves Brucellosis Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter Suggestion: Contact nearby State Agril. Staff or KVK staff for necessary help and suggestion. BANGLADESH SCALE 1: 1,350,000 0 15 30 60 90 120 Kilometers Ar3007H			Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg body wt.
25'300'N-       End of the sector of the secto	Cattle & Buffaloes	6-9 months calves	Brucellosis	
25'300'N-       Extract nearby State Agril. Staff or KVK staff for necessary help and suggestion.       against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.         25'00'N-       BANGLADESH       BANGLADESH       25'00'N         25'00'N-       SCALE 1: 1,350,000       120         24'300'N-       24'300'N       24'30'N	400	manal VSM	m f	cotton strain-19 @ 5ml subcutaneous on the neck
25'300'N- Suggestion: Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion. BANGLADESH SCALE 1: 1,350,000 0 15 30 60 90 120 Klometers 24'300'N-	T I I I I I I I I I I I I I I I I I I I		Foot & Mouth	• Undertake regular immunization of cattle & buffaloes
25'00'N Suggestion: Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion. BANGLADESH STATE GIS LAB. (MEGHALAYA) 24'300'N Care and a suggestion and sugge	C sers	ELA EASTOR HILLS	Disease,	
25:300*N-       Outree       Quarter       Automatic and		Songeas 7 Rongs	Haemorrhagic	septicaemia & Black Quarter.
Suggestion: Contact nearby State Agril, Staff or KVK staff for necessary help and suggestion.		ROBGRAM	Septicaemia, Black	MILLIN MININGCHERG TRADIANT IN
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SCALE 1: 1,350,000           (MEGHALAYA)         0         15         30         60         90         120           24*30'0"N         Kilometers         -24*30'0"N	25°0'0"N-	BANGLADESH		-25°0'0''N
STATE GIS LAB. (MEGHALAYA)         0         15         30         60         90         120           24*30'0"N				BANGLADESH
STATE GIS LAB. (MEGHALAYA)         0         15         30         60         90         120           24*30'0"N				
STATE GIS LAB. (MEGHALAYA)         0         15         30         60         90         120           24*30'0"N				
(MEGHALAYA) 0 15 30 60 90 120 24*30'0"N	CTAT	EGISLAR	SCALE 1: 1,350,0	000
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2: Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: <u>iaasbarapani@yahoo.in</u>

RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

#### <u>Agro Advisory Bulletin – East Garo Hills</u> (Period 5th – 9th November, 2016)

	Weather su	ummery of the past five	days Wea	ather forecast valid up to 9 th Nov., 2016
ranged betwe	en 28-29°C a dity was 85-9	C & R	een 16-17°C. Maximum Te 6 in evening. cover: sky wi 80-92%, Min direction: Nor	ty of Rainfall is 20.0mm for the next five days. emp: 25-27°C, Minimum Temp: 19-20°C, Cloud ill be mainly cloudy i.e. 2-8 Okta, Maximum RH: imum RH: 62-80%, Wind speed: 2-4Kmph, Wind rtheast-East. <u>92'0''E 92'30''E 93'00''E</u> cumulative rainfall : 20.0mm
26°30'0''N-	Aar	o meteorologia	· · · · · · · · · · · · · · · · · · ·	or coming 5 days
Main Crop /Fishe	/ Animal	Stage	Pest/Diseases/Mgmt	Agricultural Advisories
Upland Rice		Harvesting ASSAM	~	• Threshing followed by proper drying for safe storage,
Sali/Kharif R	Rice Street	Grain filling to Maturity	ALANS AND ALANS	<ul> <li>Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly.</li> <li>Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly.</li> <li>Take up crops like Pea, toria &amp; lentil after harvesting of rice under zero tillage condition.</li> </ul>
Pea 25°0'0"N-	B	ANGLADESH	EABINGS	<ul> <li>Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows &amp; 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg</li> </ul>
Cauliflower	STATE GIS ( MEGHAL	LAB. 0 15 Nursery preparation to	SCALE 1: 1,350,000 30 60 90	<ul> <li>SSP &amp; 67 kg MOP). Apply all doses of 120 fertilizers at the time of sowing.</li> <li>Start transplant of 3- 5 weeks old seedlings at</li> </ul>
Caussiower	90°0'0"E	transplanting er	•0'0''E 91°30''0''E	<ul> <li>Start transplant of 5-5 weeks old seedings at a spacing of 60 cm row to row &amp; 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha &amp; SSP @500 kg/ha at the time of transplanting</li> </ul>
Cabbage		Nursery preparation to transplanting		<ul> <li>Continue nursery preparation and transplanting of seedlings.</li> <li>Recommended variety: H-139, Pride of India</li> <li>Seed rate of 400-500g is required for transplanting of 1 ha.</li> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45 cm row to row &amp; 30cm plant to</li> </ul>





			<ul> <li>plant.</li> <li>Apply half dose of N (130.2 kg/ha urea) &amp; K (50 kg/ha MOP) &amp; full dose of P (500 kg/ha SSP) &amp; at the time of transplanting.</li> </ul>
Broccoli		D BLOCK MAP OF MEGHAL	<ul> <li>Continue nursery preparation and transplanting of seedlings.</li> <li>Recommended variety: Puspa, Aiswarya</li> <li>Seed rate of 400-500g is required for transplanting of 1 ha.</li> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Apply half dose of N (30 kg/ha urea), full dose of P (500 kg/ha SSP) and K (100 kg/ha MOP) at the time of transplanting.</li> </ul>
Ginger/Turmeric	Rhizome development stage	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<ul> <li>Give one hand weeding followed by fertilizer application, earthing up and mulching.</li> <li>Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger; for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP at 90 DAS.</li> <li>Mulching can be done with locally available weed biomass, maize stalk, etc.</li> <li>Avoid water logging as it causes rhizome rot</li> </ul>
25°30'0"N-	INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERCON INTERC	Leaf Spot	<ul> <li>and fungal disease development.</li> <li>To prevent Leaf Spot disease, apply Bordeaux mixture (5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l of water.</li> <li>Spray/ drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent rhizome rot.</li> </ul>
Groundnut 25°0'0''N- 24°30'0''N- STATE G ( MEGHA 90°0'0''E		SCALE 1: 1,350,000 30 60 90	<ul> <li>Start harvesting the plant when the bottom leaves shed, top leaves &amp; stem turn yellow and 70–80% of the pods start yellowing.</li> <li>Harvesting can be done either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.</li> <li>Stack the plants in inverted position and dry in sun for 3 – 4 days to bring down the moisture content to 7-8% for safe storage. Clean the dry pod and store in gunny bags 24-000 E</li> </ul>
Soyabean	Maturity to Harvesting		<ul> <li>Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %.</li> <li>After harvesting, dry the crop for 3 days and</li> </ul>
Khasi Mandarin	All stage		<ul> <li>undertake threshing.</li> <li>Paste the trunk of Mandarin tree upto 2m height with 1% Carbaryl 150 WP (20g/l).</li> <li>Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days</li> </ul>





			interval.
Animal Sciences			
Poultry	All stages		<ul> <li>Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>Litter should be changed periodically and provide clean drinking water and changed the water every day.</li> <li>Diseased and dead birds should be immediately removed.</li> <li>Regularly inspect the dropings of the poultry birds for any diseases symptom.</li> </ul>
		Coccidiosis	• Provide plenty of fresh and clean drinking
	C & R	D BLOCK MAP OF MEGHAL	
90°0'0''E	E 90°30'0''E 9	°0'0"E 91°30'0"E	• Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.
26*30'0''N		Ranikhet disease	• Vaccinate the poultry birds with <b>F1</b> / Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.
Piggery	All stages		• Keep the pig stay/shed dry and clean and
	ASSAM		avoid dampness during rainy season.
26'0'0''N-			<ul> <li>Repair the roof of pig stay to protect from rain.</li> <li>Vaccinate all newly born piglets swine fever at the age of 3 months followed by annual booster dose.</li> <li>In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year.</li> </ul>
25°30'0''N-	SAME OF	Skin infection	Provide Ivermectin (Injection) @ 10mg/33kg     body wt.
Cattle & Buffaloes	6-9 months calves	Brucellosis	• Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck
		Foot & Mouth Disease,	• Undertake regular immunization of cattle &
25°0'0''N-	BANGLADESH	Haemorrhagic Septicaemia, Black Quarter	buffaloes against Foot & Mouth disease Haemorrhagic septicaemia & Black Quarter.
Suggestion: Contact n	earby State Agril. Staff or	KVK staff for necessary he	lp and suggestion.
STATE		SCALE 1: 1,350,000	120 Kilometers
24°30'0''N-			-24°30'0''N
90°0'0''E	90°30'0''E 91	1°0'0''E 91°30'0''E	92°0'0''E 92°30'0''E 93°0'0''E





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

RC (AE)/30/2011/ Bulletin/November'2016/63

Dated: 04/11/2016

92°30'0''E

#### **Agro Advisory Bulletin – EAST JAINTIA HILLS** (Period 5th – 9th November, 2016)

Weather forecast valid up to 9th November, 2016

The possibility of Rainfall is 49.0mm for the next five days. Maximum Temp: 25-27°C, Minimum Temp: 17-18°C, Cloud cover: sky will be mainly cloudy i.e. 5-7 Okta, Maximum RH: 93-98%, Minimum RH: 52-91%, Wind speed: 3-4 Kmph, Wind direction: Northeast-East. C& RD BLOCK MAP OF MEGHALAYA

Weekly cumulative rainfall : 49.0mm

91°0'0"E 92°0'0"E

#### Agro meteorological Advisories for coming 5 days

Main Crop Animal /Fishe		Stage ASSAM	Pest/Diseases	Agricultural Advisories
Upland Rice	What She	Harvesting	m.	• Threshing followed by proper drying for safe storage,
Sali/Kharif Rice	SELSELLA DE TASBIE JECZAR	Grain filling to Maturity	MARGENTREET MARGENTREET WEST KHASI HILLS	<ul> <li>Start harvesting if 80 % of the spikelet turned yellow and dry under sun properly.</li> <li>Harvest the rice by leaving at least 20cm standing stubble above the ground uniformly.</li> <li>Take up crops like Pea, toria &amp; lentil after harvesting of rice under zero tillage condition.</li> </ul>
25°0'0'N~		BANGLADESH	SCALE 1: 1,350.0	• Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. like Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the
Potato 24*30'0"N-	90*0'0"E	Planting 90°30°0°E	15 30 60 91*0 ¹ 0''E 91*3 ¹ 0'''	• Continue sowing of HYVs of Potato like Kufri Joyti, Kufri Megha, Kufri Giriraj, Kufri Girdhari, Kufri





0 1.6	NT	
Cauliflower	Nursery preparation to transplanting	<ul> <li>Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row &amp; 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha &amp; SSP @500 kg/ha at the time of transplanting</li> </ul>
Cabbage	Nursery preparation to transplanting	<ul> <li>Continue nursery preparation and transplanting of seedlings.</li> <li>Recommended variety: H-139, Pride of India</li> <li>Seed rate of 400-500g is required for transplanting of 1 ha.</li> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45 cm row to row &amp; 30cm plant to plant.</li> <li>Apply half dose of N (130.2 kg/ha urea) &amp; K (50 kg/ha RD BLOCK MAP OF MEGHMOP) &amp; full dose of P (500 kg/ha SSP) &amp; at the time of transplanting.</li> </ul>
Broccoli	Nursery preparation to	Continue nursery preparation and transplanting of
26°30'0''N-	transplanting	<ul> <li>seedlings.</li> <li>Recommended variety: Puspa, Aiswarya</li> <li>Seed rate of 400-500g is required for transplanting of 1 ha.</li> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm</li> </ul>
26°0'0''N-	ASSAM	<ul> <li>row to row &amp; 30cm plant to plant.</li> <li>Apply half dose of N (30 kg/ha urea), full dose of P (500 kg/ha SSP) and K (100 kg/ha MOP) at the time of transplanting.</li> </ul>
Ginger/ Turmeric	Rhizome development stage succession of the stage succession of the succession of the succession of the succession of the succession of the succession of th	<ul> <li>Give one hand weeding followed by fertilizer application, earthing up and mulching.</li> <li>Apply 81.4 kg/ha urea and 41.75 kg/ha MOP for ginger; for turmeric apply 65.1 kg/ha urea and 100.2 kg/ha MOP at 90 DAS.</li> <li>Mulching can be done with locally available weed biomass, maize stalk, etc.</li> <li>Avoid water logging as it causes rhizome rot and fungal disease development.</li> </ul>
25°0'0''N-	BANGLADESH	<ul> <li>Leaf Spot</li> <li>To prevent Leaf Spot disease, apply Bordeaux mixture (5:5:50) after 4 – 5weeks of sowing or Captan @ 1.5 g/l of water.</li> <li>Spray/ drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent rhizome rot.</li> </ul>
( )	Maturity to Harvesting TATE GIS LAB. stage	• SCALE 1: 1,350,000 15 30 60 Start harvesting the plant when the bottom leaves shed, top leaves & stem turn yellow and 70–80% of the pods start yellowing.
24°30'0''N-L	90°0°0°E 90°30°0°'E	<ul> <li>Harvesting can be done either by hand pulling of the plants from bottom if there is adequate moisture or by digging with spade.</li> <li>Stack the plants in inverted position and dry in sun for 3 – 4 days to bring down the moisture content to 7-8% for safe storage. Clean the dry pod and store in gunny bags</li> </ul>
Soyabean	Maturity to Harvesting	<ul> <li>Yellowing of pods and dropping of leaves in soyabean indicates maturity. Farmers are advised to harvest their crop if 95 % of the pods become yellow and the moisture content of the seeds during harvesting should be 14-15 %.</li> <li>After harvesting, dry the crop for 3 days and undertake threshing.</li> </ul>





Khasi Mandarin	All stage		• Paste the trunk of Mandarin tree upto 2m height with 1%
			Carbaryl 150 WP (20g/l).
			• Collect and destroy the trunk borer adults by shaking the branches 2-3 times at 10 days interval.
Animal Sciences			branches 2-3 times at 10 days interval.
Poultry	All stages		• Provide vitamin B complex @ 7ml/litre in drinking
r outer y	Thi stuges		water daily in broiler for healthy growth.
			• Litter should be changed 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 fo any diseases symptom.
	С	RD Coccidiosisp OF	•GHProvide plenty of fresh and clean drinking water.
90°0		91°0'0"E 91°30'0"	<ul> <li>Provide coccidiostatic like Amprolium @ 25-65 mg/kg</li> </ul>
90-0	'0' E 90°30'0''E	91/200 B1/200	feed once a day as a preventive measure agains
26°30'0''N-			coccidiosis.
20.30.0 N-		Ranikhet disease	• Vaccinate the poultry birds with F1/ Lasota vaccine (
			drop) at the age of 4-7 days old and 35 days old through
Diggony	All stages		eye and nostril.
Piggery	All stages		• Keep the pig stay/shed dry and clean and avoid dampness during rainy season.
	ASSAM		<ul> <li>Repair the roof of pig stay to protect from rain.</li> </ul>
26°0'0"N-	m.		• Vaccinate all newly born piglets against swine fever a
S. A.	Same Mary	my &	the age of 3 months followed by annual booster dose.
5		annound from the the	• In epidemic areas, vaccinate 6 months old pigs with
C serve			FMD vaccine once in a year.
Cattle & Buffaloes	6-9 months calves	Skin infection Brucellosis	<ul> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> <li>Vaccinate 6-9 months old calves with <i>Brucella abortu</i>.</li> </ul>
25°30'0"N-	Martin GA 0-9 IIIOIIUIIS Carves	NOWES TOWN	Vaccinate 6-9 months old calves with <i>Brucella abortu</i> .     cotton strain-19 @ 5ml subcutaneous on the neck
1 m	CAMIEGRE	Foot & Mouth	<ul> <li>Undertake regular immunization of cattle &amp; buffaloes</li> </ul>
2002.000	CHOKPOT (MACHINARA	Disease,	against Foot & Mouth disease, Haemorrhagi
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	DALE STATE GARO HILLS	Haemorrhagic	septicaemia & Black Quarter.
	harden	Septicaemia, Black	hours have
~ . ~	BANGIADESH + +1 - 0 - 00	Quarter	
Suggestion: Contact	nearby State Agril. Staff o	or KVK staff for neces	sary help and suggestion.
			BANGLADESH
		SCALE 1: 1,350,0	000
	E GIS LAB. GHALAYA) 0	15 30 60	
24°30′0″N-			Kilometers
24 00 0 N 1 90°0'0	"E 90°30'0"E	91°0'0''E 91°30'0''	