



## Agro Advisory Bulletin – East Garo Hills (Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)

### Weather summary of the past five days

### Weather forecast valid up to 17<sup>th</sup> December, 2017

Sky was partly cloudy with 12.0mm rainfall. Maximum temperatures ranged between 23-25°C and minimum ranged between 12-16°C. Relative humidity was 100% in morning and 43-87% in evening. Wind speed ranged between: 2 kmph.

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 24-26°C, Minimum Temp: 12-13°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 100%, Minimum RH: 41-55%, Wind speed: 2-3Kmph, Wind direction: Eastern.

C & RD BLOCK MAP OF MEGHALAYA

*Weekly cumulative rainfall : 0.0mm*

### Agro meteorological Advisories for coming 5 days

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
<b>Sali/Kharif Rice</b>	Maturity/Harvesting		<ul style="list-style-type: none"> <li>Bird scaring should be taken care of.</li> <li>Maintain a water level of 2-5 cm in the field.</li> <li>Monitor crop for swarming caterpillar attack.</li> <li>If the crop is mature, water should be drained out of the field at least 7 days before harvesting.</li> <li>Harvesting of crop should be done when leave turn yellow colour.</li> </ul>
<b>Pea</b>	Vegetative stage		<ul style="list-style-type: none"> <li>Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>Maintain proper soil moisture in the the field by irrigation.</li> </ul>
<b>Mustard/ Rapeseed</b>	Sowing/Vegetative growth		<ul style="list-style-type: none"> <li>Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
<b>Cabbage/Broccoli/ Cauliflower</b>	Transplanting		<ul style="list-style-type: none"> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Do earthing up after application of urea.</li> </ul>
<b>Dolichos bean</b>	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>Spray Rogor 1ml/litre water to control pests.</li> <li>Maintain soil moisture by irrigation.</li> </ul>
<b>French</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the dried pod for seed.</li> </ul>



# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



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

bean/Rajmash/cowpea			<ul style="list-style-type: none"> <li>Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
Ginger/turmeric	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
Khasi Mandarin	Harvesting stage		<ul style="list-style-type: none"> <li>Harvesting of ripened fruits.</li> <li>Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>

#### Animal Sciences

<b>Poultry</b> 	All stages		<ul style="list-style-type: none"> <li>As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.</li> <li>Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>Litter should be change 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 droppings of the poultry birds for any diseases symptom.</li> </ul>
			<p style="text-align: center;"><b>Coccidiosis</b></p> <ul style="list-style-type: none"> <li>Provide plenty of fresh and clean drinking water.</li> <li>Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul>
<b>Piggery</b> 	All stages		<ul style="list-style-type: none"> <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>Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
			<p style="text-align: center;"><b>Skin infection</b></p> <ul style="list-style-type: none"> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
<b>Cattle &amp; Buffaloes</b>	6-9 months calves		<ul style="list-style-type: none"> <li>Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul>
		<p style="text-align: center;"><b>Foot &amp; Mouth Disease, Haemorrhagic Septicaemia, Black Quarter</b></p>	<ul style="list-style-type: none"> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic septicaemia &amp; Black Quarter.</li> </ul>



# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya

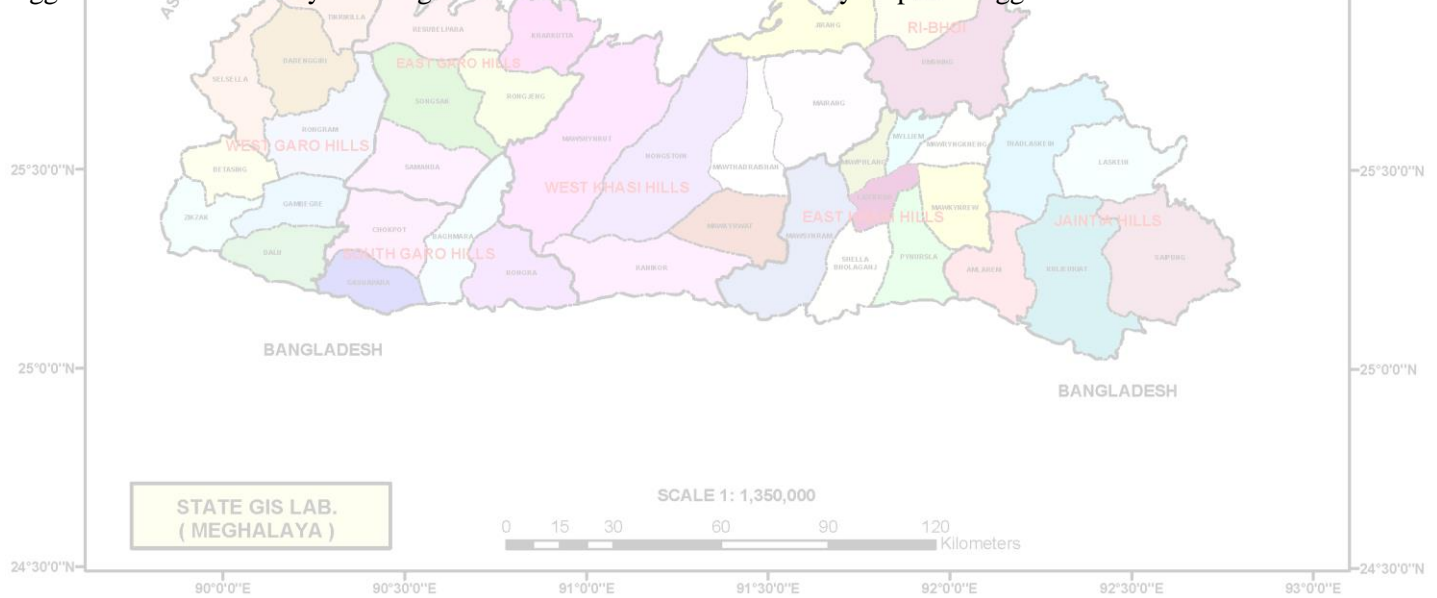


☎ Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: [iaasbarapani@yahoo.in](mailto:iaasbarapani@yahoo.in)

#### Fishery

<p>Carp</p>	<p>Fingerlings</p>     <p>Pond management</p>	<p>Harvesting season</p>     <p>Culture ponds in winter seasons</p>	<p>Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.</p> <p>Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.</p> <p>Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.</p> <p>Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.</p>
-------------	--	--	--

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





**Agro Advisory Bulletin – WEST JAINTIA HILLS**  
**(Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)**

**Weather forecast valid up to 17<sup>th</sup> December, 2017**




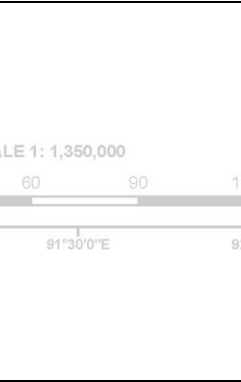


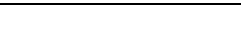
The possibility of Rainfall is 5.0mm for the next five days. Maximum Temp: 23-24°C, Minimum Temp: 12-14°C, Cloud cover: sky will be partly cloudy i.e. 1-4 Okta, Maximum RH:100%, Minimum RH: 50-73%, Wind speed: 3-4 Kmph, Wind direction: Eastern.

**Weekly cumulative rainfall : 5.0mm**

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

**Agro meteorological Advisories for coming 5 days**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
<b>Sali/Kharif Rice</b> 	ASSAM Harvesting/Threshing		<ul style="list-style-type: none"> <li>At maturity, water should be drained out of the field at least 7 days before harvesting.</li> <li>Harvesting of crop should be done when leave turn yellow colour.</li> <li>After harvesting, the crop should be sun dried before threshing.</li> <li>Seed cleaning and sun drying should be done properly before storing.</li> </ul>
<b>Pea</b>	Vegetative stage		<ul style="list-style-type: none"> <li>Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>Maintain proper soil moisture in the field by irrigation.</li> </ul>
<b>Mustard/ Rapeseed</b>	BANGLADESH Sowing/Vegetative growth		<ul style="list-style-type: none"> <li>Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
<b>Cabbage/Broccoli/ Cauliflower</b>	Transplanting		<ul style="list-style-type: none"> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Do earthing up after application of urea.</li> </ul>
<b>Dolichos bean</b>	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>Spray Rogor 1ml/litre water to control pests.</li> <li>Maintain soil moisture by irrigation.</li> </ul>
<b>French</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the dried pod for seed.</li> </ul>

STATE GIS LAB.  
( MEGHALAYA )

SCALE 1: 1,350,000





# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



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

bean/Rajmash/cowpea			<ul style="list-style-type: none"> <li>Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
Ginger/turmeric	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
Khasi Mandarin	Harvesting stage		<ul style="list-style-type: none"> <li>Harvesting of ripened fruits.</li> <li>Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>

#### Animal Sciences

<b>Poultry</b> 	All stages	Coccidiosis	<ul style="list-style-type: none"> <li>As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lighting of electric bulb to protect them from low temperature.</li> <li>Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>Litter should be change 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 droppings of the poultry birds for any diseases symptom.</li> <li>Provide plenty of fresh and clean drinking water.</li> <li>Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul>
		Ranikhet disease	<ul style="list-style-type: none"> <li>Vaccinate the poultry birds with <b>F1/ Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>
<b>Piggery</b> 	All stages		<ul style="list-style-type: none"> <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>Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
		Skin infection	<ul style="list-style-type: none"> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
<b>Cattle &amp; Buffaloes</b>	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> <li>Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul>
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black	<ul style="list-style-type: none"> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic septicaemia &amp; Black Quarter.</li> </ul>



# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

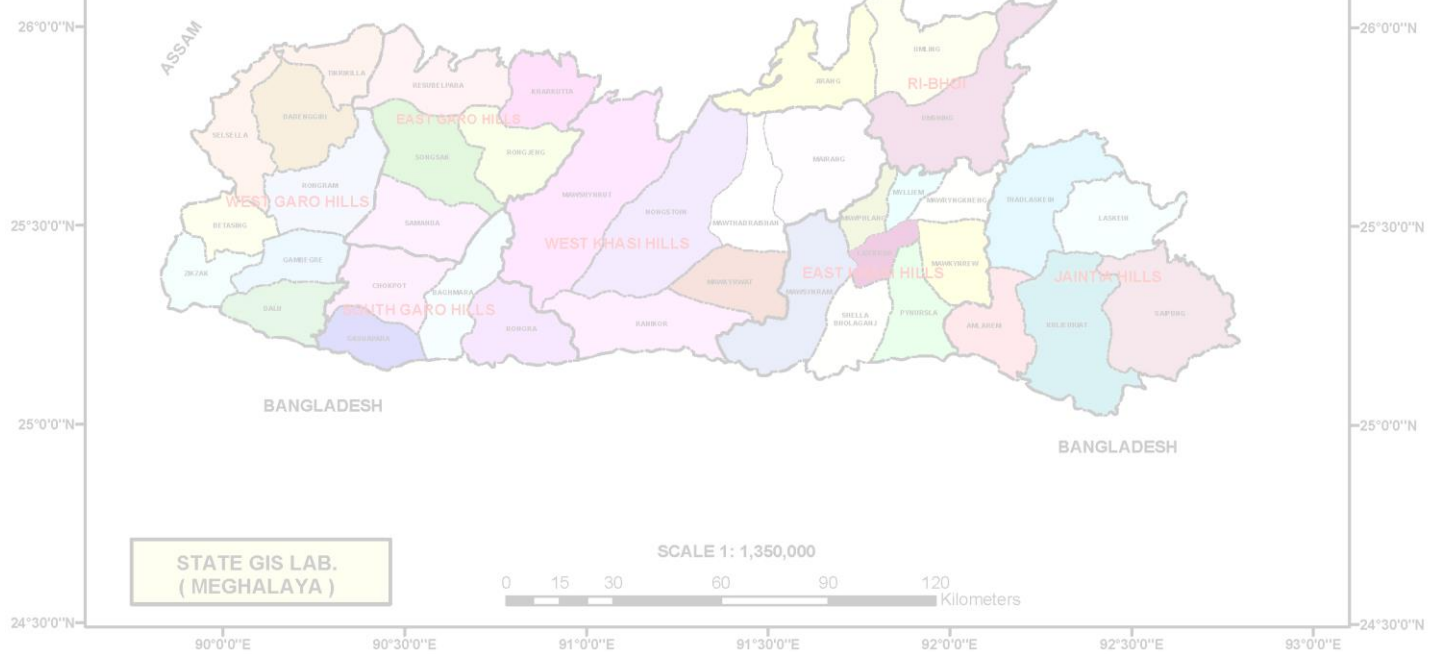
### Umroi Road, Umiam – 793 103 Meghalaya



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

		Quarter	
<b>Fishery</b>			
<b>Carps</b>	<b>Fingerlings</b>  <b>Pond management</b>	<b>Harvesting season</b>  <b>Culture ponds in winter seasons</b>	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.  Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.  Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.  Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.

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





**Agro Advisory Bulletin – WEST KHASI HILLS**  
**(Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)**

**Weather forecast valid up to 17<sup>th</sup> December, 2017**




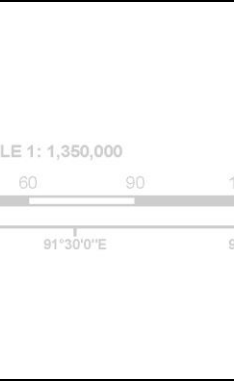


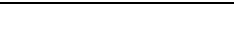
The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 19-21°C, Minimum Temp: 7-9°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 100%, Minimum RH: 42-59%, Wind speed: 3-4 Kmph, Wind direction: Southeast-South.

**Weekly cumulative rainfall : 0.0mm**

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

**Agro meteorological Advisories for coming 5 days**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
<b>Sali/Kharif Rice</b> 	ASSAM Harvesting/Threshing		ASSAM <ul style="list-style-type: none"> <li>At maturity, water should be drained out of the field at least 7 days before harvesting.</li> <li>Harvesting of crop should be done when leave turn yellow colour.</li> <li>After harvesting, the crop should be sun dried before threshing.</li> <li>Seed cleaning and sun drying should be done properly before storing.</li> </ul>
<b>Pea</b>	Vegetative stage		<ul style="list-style-type: none"> <li>Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>Maintain proper soil moisture in the the field by irrigation.</li> </ul>
<b>Mustard/ Rapeseed</b>	BANGLADESH Sowing/Vegetative growth		BANGLADESH <ul style="list-style-type: none"> <li>Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
<b>Cabbage/Broccoli/ Cauliflower</b>	Transplanting		<ul style="list-style-type: none"> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Do earthing up after application of urea.</li> </ul>
<b>Dolichos bean</b>	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>Spray Rogor 1ml/litre water to control pests.</li> <li>Maintain soil moisture by irrigation.</li> </ul>
<b>French</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the dried pod for seed.</li> </ul>

STATE GIS LAB.  
( MEGHALAYA )

SCALE 1: 1,350,000





# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



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

<b>bean/Rajmash/cowpea</b>			<ul style="list-style-type: none"> <li>Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
<b>Ginger/turmeric</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
<b>Khasi Mandarin</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvesting of ripened fruits.</li> <li>Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>

C & RD BLOCK MAP OF MEGHALAYA

#### Animal Sciences

<b>Poultry</b>	All stages		<ul style="list-style-type: none"> <li>As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.</li> <li>Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>Litter should be change 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 droppings of the poultry birds for any diseases symptom.</li> </ul>
		Coccidiosis	<ul style="list-style-type: none"> <li>Provide plenty of fresh and clean drinking water.</li> <li>Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul>
		Ranikhet disease	<ul style="list-style-type: none"> <li>Vaccinate the poultry birds with <b>F1/ Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>
<b>Piggery</b>	All stages		<ul style="list-style-type: none"> <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>Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
		Skin infection	<ul style="list-style-type: none"> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
<b>Cattle &amp; Buffaloes</b>	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> <li>Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul>
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black	<ul style="list-style-type: none"> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic septicaemia &amp; Black Quarter.</li> </ul>





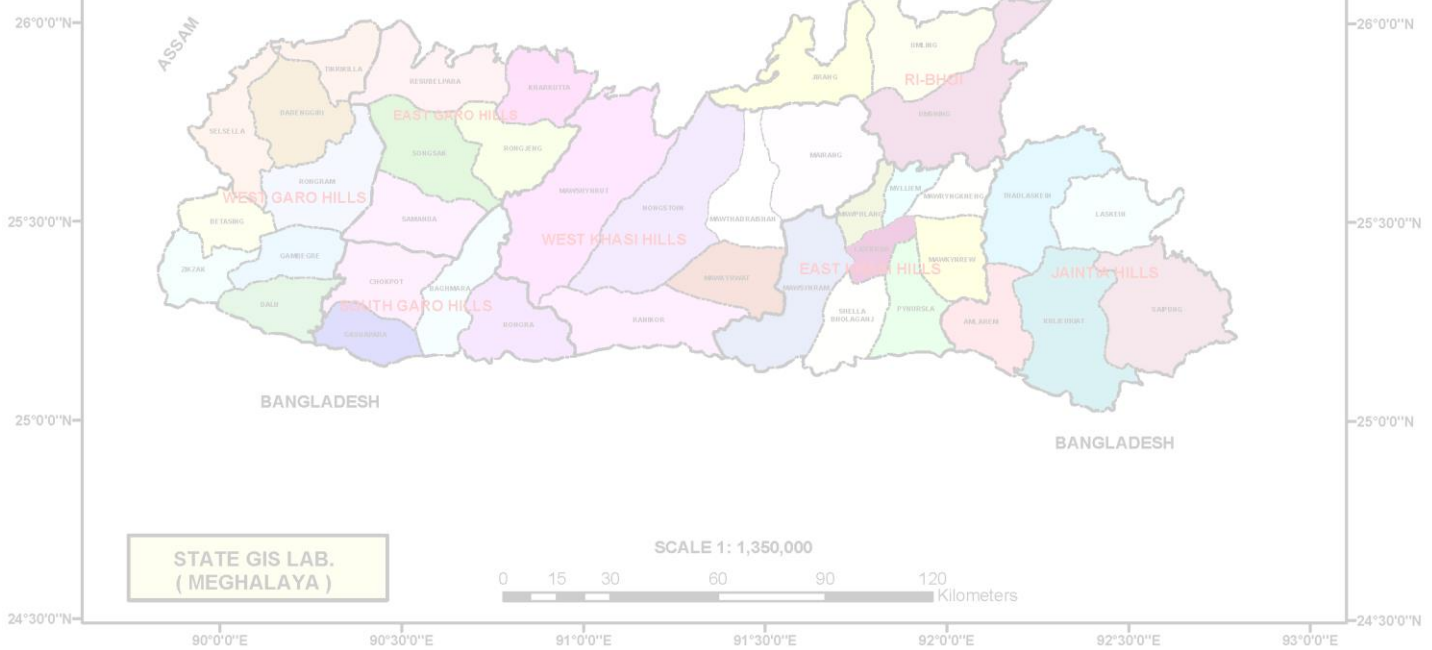
**GRAMIN KRISHI MAUSAM SEWA**  
**ICAR Research Complex for NEH Region**  
**Umroi Road, Umiam – 793 103 Meghalaya**



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

		Quarter	
<b>Fishery</b>			
Carps	Fingerlings  Pond management	Harvesting season  Culture ponds in winter seasons	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.  Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.  Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.
		Nursery ponds preparation	Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.

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





**Agro Advisory Bulletin – EAST JAINTIA HILLS**  
**(Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)**

**Weather forecast valid up to 17<sup>th</sup> December, 2017**

The possibility of Rainfall is 3.0mm for the next five days. Maximum Temp: 22-24°C, Minimum Temp: 11-14°C, Cloud cover: sky will be partly cloudy i.e. 1-4 Okta, Maximum RH: 100%, Minimum RH: 47-84%, Wind speed: 3-5 Kmph, Wind direction: Northeast-Southeast.

**Weekly cumulative rainfall : 3.0mm**

C & RD BLOCK MAP OF MEGHALAYA

**Agro meteorological Advisories for coming 5 days**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	Harvesting/Threshing		<ul style="list-style-type: none"> <li>At maturity, water should be drained out of the field at least 7 days before harvesting.</li> <li>Harvesting of crop should be done when leave turn yellow colour.</li> <li>After harvesting, the crop should be sun dried before threshing.</li> <li>Seed cleaning and sun drying should be done properly before storing.</li> </ul>
Pea	Vegetative stage		<ul style="list-style-type: none"> <li>Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>Maintain proper soil moisture in the field by irrigation.</li> </ul>
Mustard/ Rapeseed	Sowing/Vegetative growth		<ul style="list-style-type: none"> <li>Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
Cabbage/Broccoli/ Cauliflower	Transplanting		<ul style="list-style-type: none"> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Do earthing up after application of urea.</li> </ul>
Dolichos bean	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>Spray Rogor 1ml/litre water to control pests.</li> <li>Maintain soil moisture by irrigation.</li> </ul>
French bean/Rajmash/cowpea	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the dried pod for seed.</li> <li>Dried seed properly &amp; store in airtight poly</li> </ul>



**GRAMIN KRISHI MAUSAM SEWA**  
**ICAR Research Complex for NEH Region**  
**Umroi Road, Umiam – 793 103 Meghalaya**



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

			bags/container.
<b>Ginger/ turmeric</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
<b>Khasi Mandarin</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvesting of ripened fruits.</li> <li>Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>

C & RD BLOCK MAP OF MEGHALAYA

**Animal Sciences**

<b>Poultry</b> 	All stages		<ul style="list-style-type: none"> <li>As the night temperature has dropped, poultry birds (day old to 25 days' old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.</li> <li>Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>Litter should be change 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 droppings of the poultry birds for any diseases symptom.</li> </ul>
		Coccidiosis	<ul style="list-style-type: none"> <li>Provide plenty of fresh and clean drinking water.</li> <li>Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul>
<b>Piggery</b> 	All stages		<ul style="list-style-type: none"> <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>Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
		Ranikhet disease	<ul style="list-style-type: none"> <li>Vaccinate the poultry birds with <b>F1/ Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>
<b>Cattle &amp; Buffaloes</b>	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> <li>Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul>
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic septicaemia &amp; Black Quarter.</li> </ul>



# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya

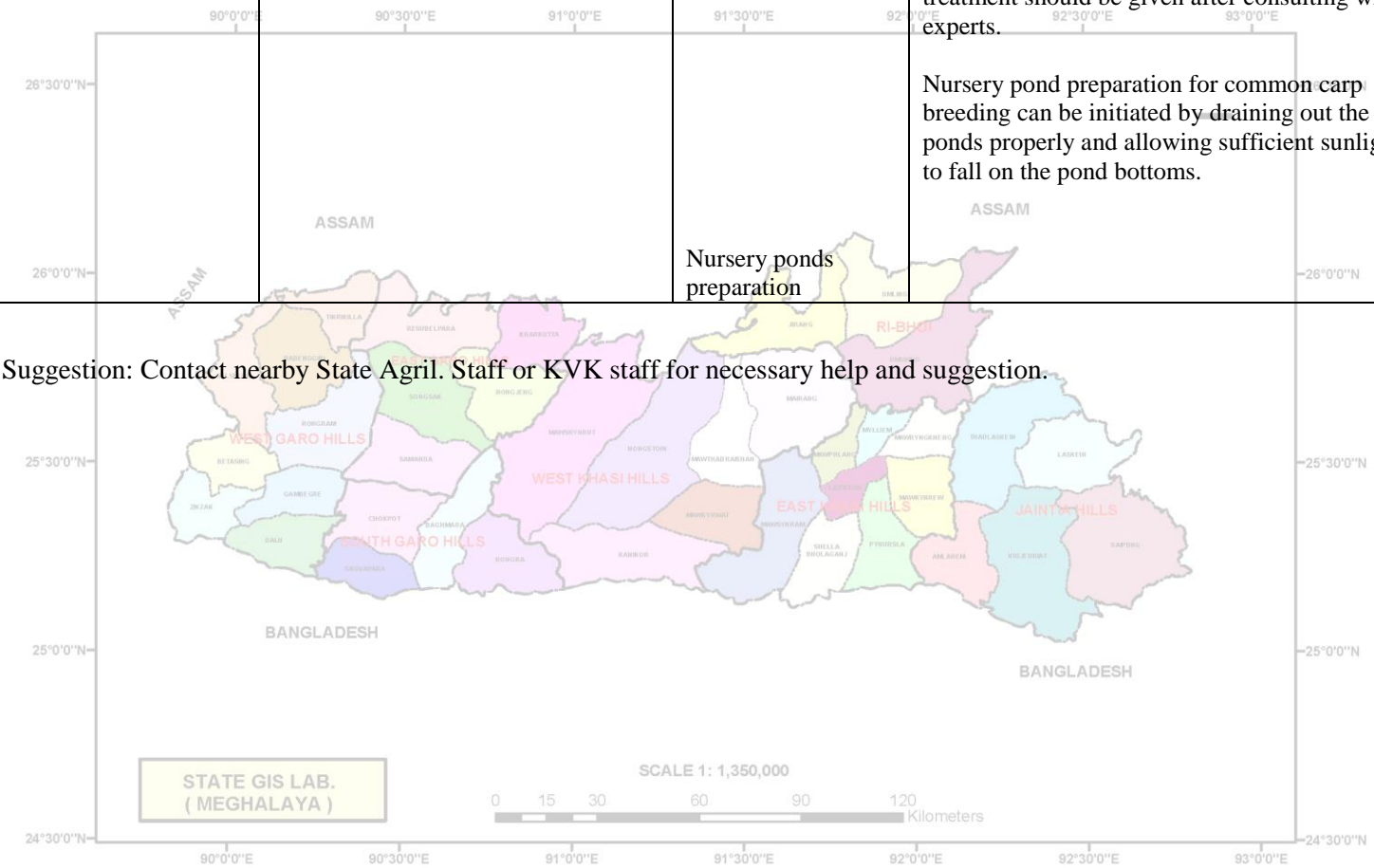


☎: Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: [iaasbarapani@yahoo.in](mailto:iaasbarapani@yahoo.in)

#### Fishery

<p>Carp</p>	<p>Fingerlings</p>   <p>Pond management</p>	<p>Harvesting season</p>   <p>Culture ponds in winter seasons</p>	<p>Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.</p> <p>Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.</p> <p>Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.</p> <p>Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.</p>
-------------	--	--	--

C & RD BLOCK MAP OF MEGHALAYA



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



**Agro Advisory Bulletin – EAST KHASI HILLS**  
**(Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)**

**Weather forecast valid up to 17<sup>th</sup> December, 2017**

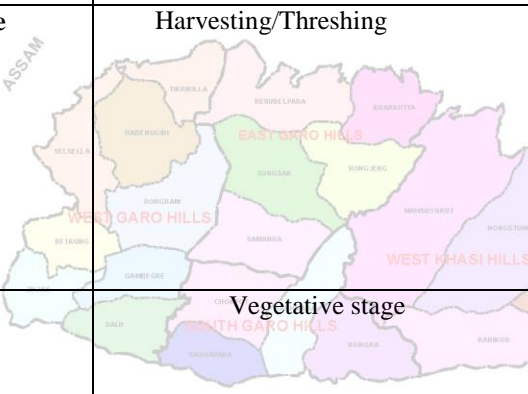



The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 18-20°C, Minimum Temp: 7-10°C, Cloud cover: sky will be mainly clear i.e. 0-2 Okta, Maximum RH: 98-99%, Minimum RH: 47-73%, Wind speed: 4-6 Kmph, Wind direction: Northeast-South.

**Weekly cumulative rainfall : 0.0mm**

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

**Agro meteorological Advisories for coming 5 days**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
Sali/Kharif Rice	ASSAM Harvesting/Threshing 		ASSAM <ul style="list-style-type: none"> <li>At maturity, water should be drained out of the field at least 7 days before harvesting.</li> <li>Harvesting of crop should be done when leave turn yellow colour.</li> <li>After harvesting, the crop should be sun dried before threshing.</li> <li>Seed cleaning and sun drying should be done properly before storing.</li> </ul>
Pea	Vegetative stage		<ul style="list-style-type: none"> <li>Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>Maintain proper soil moisture in the the field by irrigation.</li> </ul>
Mustard/ Rapeseed	Sowing/Vegetative growth		BANGLADESH <ul style="list-style-type: none"> <li>Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
Cabbage/Broccoli/ Cauliflower	Transplanting		<ul style="list-style-type: none"> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Do earthing up after application of urea.</li> </ul>
Dolichos bean	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>Spray Rogor 1ml/litre water to control pests.</li> <li>Maintain soil moisture by irrigation.</li> </ul>
French	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the dried pod for seed.</li> </ul>

STATE GIS LAB.  
( MEGHALAYA )

SCALE 1: 1,350,000





# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



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

bean/Rajmash/cowpea			<ul style="list-style-type: none"> <li>Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
Ginger/turmeric	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
Khasi Mandarin	Harvesting stage		<ul style="list-style-type: none"> <li>Harvesting of ripened fruits.</li> <li>Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>

C & RD BLOCK MAP OF MEGHALAYA

#### Animal Sciences

Poultry		All stages	<ul style="list-style-type: none"> <li>As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lighting of electric bulb to protect them from low temperature.</li> <li>Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>Litter should be change 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 droppings of the poultry birds for any diseases symptom.</li> </ul>
			<p><b>Coccidiosis</b></p> <ul style="list-style-type: none"> <li>Provide plenty of fresh and clean drinking water.</li> <li>Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul> <p><b>Ranikhet disease</b></p> <ul style="list-style-type: none"> <li>Vaccinate the poultry birds with <b>F1/ Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>
Piggery		All stages	<ul style="list-style-type: none"> <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>Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
			<p><b>Skin infection</b></p> <ul style="list-style-type: none"> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
Cattle & Buffaloes		6-9 months calves	<p><b>Brucellosis</b></p> <ul style="list-style-type: none"> <li>Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul>
			<p><b>Foot &amp; Mouth Disease, Haemorrhagic Septicaemia, Black Quarter.</b></p> <ul style="list-style-type: none"> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic septicaemia &amp; Black Quarter.</li> </ul>



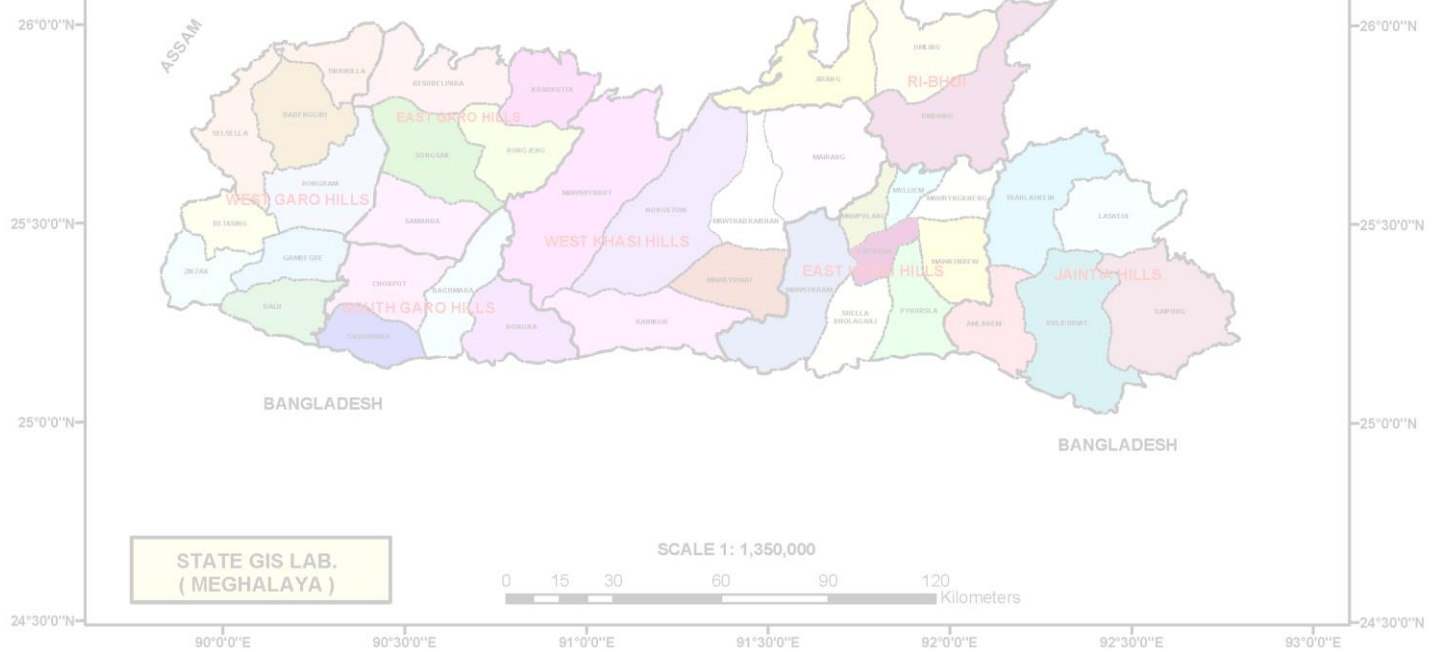
**GRAMIN KRISHI MAUSAM SEWA**  
**ICAR Research Complex for NEH Region**  
**Umroi Road, Umiam – 793 103 Meghalaya**



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

		Quarter	
<b>Fishery</b>			
Carps	Fingerlings	Harvesting season	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.
	Pond management	Culture ponds in winter seasons	Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.
		Nursery ponds preparation	Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.  Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.

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





## Agro Advisory Bulletin – NORTH GARO HILLS (Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)

### Weather forecast valid up to 17<sup>th</sup> December, 2017

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 25-26°C, Minimum Temp: 12-14°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 98-99%, Minimum RH: 42-54%, Wind speed: 2-3 Kmph, Wind direction: East-Southeast.

**Weekly cumulative rainfall: 0.0mm.**

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

### Agro meteorological Advisories for coming 5 days —

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories	
<b>Sali/Kharif Rice</b> <small>26°0'0"N</small> <small>26°30'0"N</small> <small>25°30'0"N</small>	ASSAM Maturity/Harvesting		ASSAM <ul style="list-style-type: none"> <li>Bird scaring should be taken care of.</li> <li>Maintain a water level of 2-5 cm in the field.</li> <li>Monitor crop for swarming caterpillar attack.</li> <li>If the crop is mature, water should be drained out of the field at least 7 days before harvesting.</li> <li>Harvesting of crop should be done when leave turn yellow colour.</li> </ul>	
	BANGLADESH Vegetative stage			BANGLADESH
<b>Pea</b> <small>25°0'0"N</small>	Sowing/Vegetative growth		<ul style="list-style-type: none"> <li>Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>Maintain proper soil moisture by providing life saving irrigation.</li> </ul>	
<b>Mustard/ Rapeseed</b> <small>24°30'0"N</small>	Transplanting			STATE GIS LAB. ( MEGHALAYA ) SCALE 1: 1,350,000 0 15 30 60 90 120 Kilometers
<b>Cabbage/Broccoli/ Cauliflower</b>	Vegetative/ Flowering stage			<ul style="list-style-type: none"> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Do earthing up after application of urea.</li> </ul>
<b>Dolichos bean</b>	Vegetative/ Flowering stage	<ul style="list-style-type: none"> <li>Spray Rogor 1ml/litre water to control pests.</li> </ul>		





# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



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

<b>French bean/Rajmash/cowpea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Maintain soil moisture by irrigation.</li> <li>• Harvest the dried pod for seed.</li> <li>• Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
<b>Ginger/turmeric</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
<b>Khasi Mandarin</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Harvesting of ripened fruits.</li> <li>• Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>• Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>

#### Animal Sciences

<b>Poultry</b>	All stages		<ul style="list-style-type: none"> <li>• As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.</li> <li>• Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>• Litter should be change 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 droppings of the poultry birds for any diseases symptom.</li> </ul>
		Coccidiosis	<ul style="list-style-type: none"> <li>• Provide plenty of fresh and clean drinking water.</li> <li>• Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul>
		Ranikhet disease	<ul style="list-style-type: none"> <li>• Vaccinate the poultry birds with <b>F1/ Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>
<b>Piggery</b>	All stages		<ul style="list-style-type: none"> <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>• Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
		Skin infection	<ul style="list-style-type: none"> <li>• Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
<b>Cattle &amp; Buffaloes</b>	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> <li>• Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul>
		Foot & Mouth	<ul style="list-style-type: none"> <li>• Undertake regular immunization of cattle &amp;</li> </ul>



# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

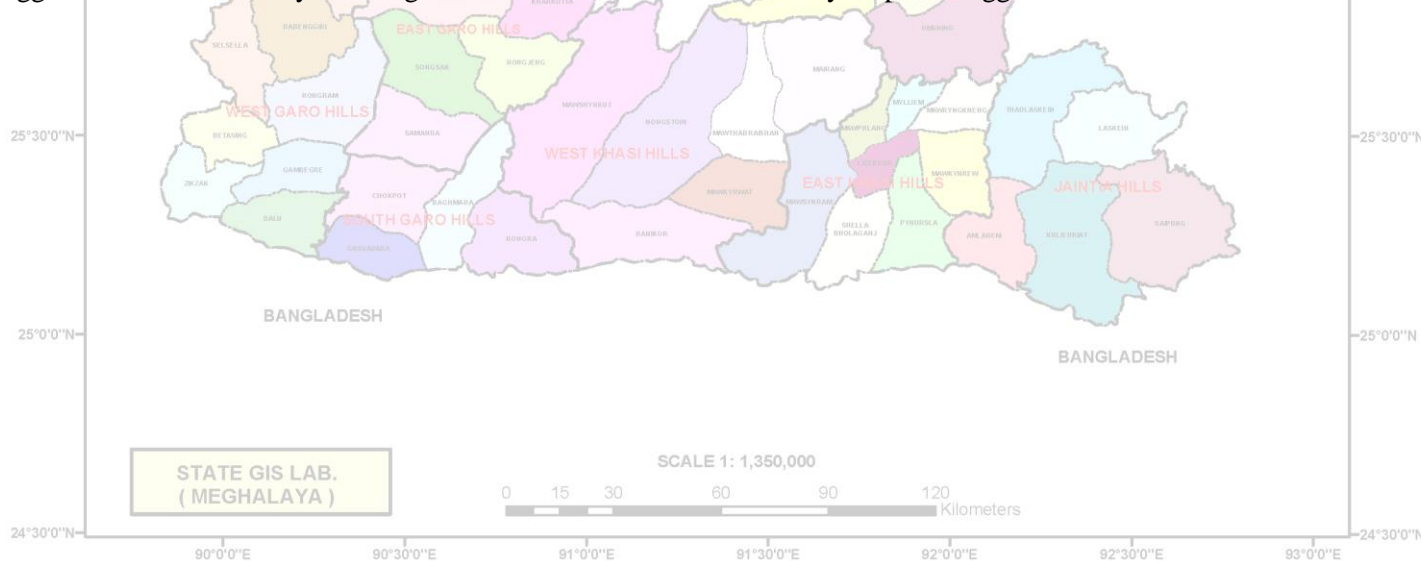
### Umroi Road, Umiam – 793 103 Meghalaya



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

		Disease, Haemorrhagic Septicaemia, Black Quarter	buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter.
<b>Fishery</b>			
Carp	Fingerlings  Pond management	Harvesting season  Culture ponds in winter seasons  Nursery ponds preparation	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.  Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.  Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.  Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.

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





## Agro Advisory Bulletin – Ri-Bhoi **(Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)**

**Weather summary of the past four days**

Sky was mainly cloudy with 2.4mm of rainfall. Maximum temperatures ranged between 21.2-23.2°C and minimum ranged between 10.5 – 17.3°C. Mean relative humidity was 100% in morning and 50-71% in evening. Wind speed ranged between 2-4 kmph.

**Weather forecast valid up to 17<sup>th</sup> December, 2017**

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 22.0-24.0°C, Minimum Temp: 10.0-12.0°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH:100%, Minimum RH: 42-56%, Wind speed: 2-3 Kmph, Wind direction: Southeast.

C & RD BLOCK MAP OF MEGHALAYA

**Weekly cumulative rainfall : 0.0mm**

### **Agro meteorological Advisories for coming 5 days**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
<b>Sali/Kharif Rice</b>	Harvesting/Threshing		<ul style="list-style-type: none"> <li>At maturity, water should be drained out of the field at least 7 days before harvesting.</li> <li>Harvesting of crop should be done when leave turn yellow colour.</li> <li>After harvesting, the crop should be sun dried before threshing.</li> <li>Seed cleaning and sun drying should be done properly before storing.</li> </ul>
<b>Pea</b>	Vegetative stage		<ul style="list-style-type: none"> <li>Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>Maintain proper soil moisture in the field by irrigation.</li> </ul>
<b>Mustard/ Rapeseed</b>	Sowing/Vegetative growth		<ul style="list-style-type: none"> <li>Recommended variety: Mustard-Varuna, Krishna, TM 4; Rapeseed-M 27, TS 38, TR 48, TR 67.</li> <li>Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
<b>Cabbage/Broccoli/ Cauliflower</b>	Transplanting		<ul style="list-style-type: none"> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Do earthing up after application of urea.</li> </ul>

STATE GIS LAB.  
(MEGHALAYA)

SCALE 1: 1,350,000






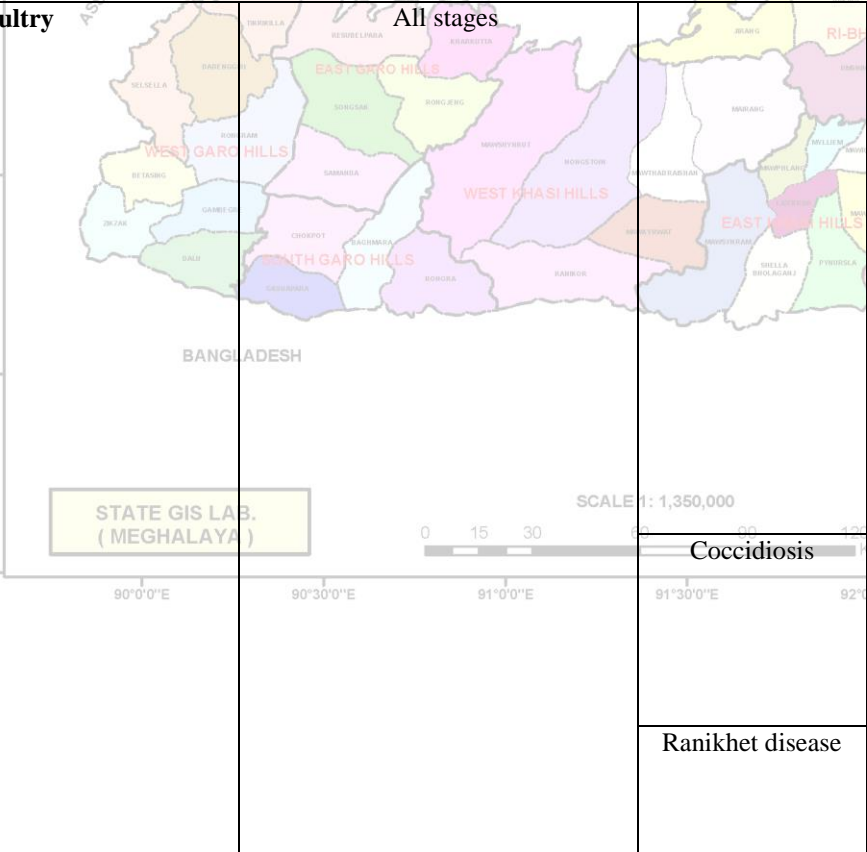
# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



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

<b>Dolichos bean</b>	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>• Spray Rogor 1ml/litre water to control pests.</li> <li>• Maintain soil moisture by irrigation.</li> </ul>
<b>French bean/Rajmash/cowpea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Harvest the dried pod for seed.</li> <li>• Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
<b>Ginger/turmeric</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
<b>Khasi Mandarin</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Harvesting of ripened fruits.</li> <li>• Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>• Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>
<b>Animal Sciences</b>			
<b>Poultry</b>	All stages		<ul style="list-style-type: none"> <li>• As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lighting of electric bulb to protect them from low temperature.</li> <li>• Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>• Litter should be change 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 droppings of the poultry birds for any diseases symptom.</li> </ul>
<b>Piggery</b>	All stages		<ul style="list-style-type: none"> <li>• Provide plenty of fresh and clean drinking water.</li> <li>• Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> <li>• Vaccinate the poultry birds with <b>F1/Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>



**GRAMIN KRISHI MAUSAM SEWA**  
**ICAR Research Complex for NEH Region**  
**Umroi Road, Umiam – 793 103 Meghalaya**



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

			<p>months old pigs with FMD vaccine once in a year.</p> <ul style="list-style-type: none"> <li>• Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
		Skin infection	<ul style="list-style-type: none"> <li>• Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
<b>Cattle &amp; Buffaloes</b>	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> <li>• Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul>
		Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> <li>• Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic septicaemia &amp; Black Quarter.</li> </ul>

**Fishery**

<p><b>Carps</b></p>	<p><b>Fingerlings</b></p> <p>Pond management</p>	<p><b>Harvesting season</b></p> <p>Culture ponds in winter seasons</p> <p>Nursery ponds preparation</p>	<p>Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.</p> <p>Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.</p> <p>Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.</p> <p>Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.</p>
---------------------	--	---	--

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





## Agro Advisory Bulletin – SOUTH GARO HILLS (Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)

### Weather forecast valid up to 17<sup>th</sup> December, 2017

The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 25-26°C, Minimum Temp: 12-14°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 88-99%, Minimum RH: 41-58%, Wind speed: 3-4 Kmph, Wind direction: Northeast-East.

**Weekly cumulative rainfall : 0.0mm**

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

### Agro meteorological Advisories for coming 5 days

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
<b>Sali/Kharif Rice</b>	ASSAM Maturity/Harvesting		<ul style="list-style-type: none"> <li>Bird scaring should be taken care of.</li> <li>Maintain a water level of 2-5 cm in the field.</li> <li>Monitor crop for swarming caterpillar attack.</li> <li>If the crop is mature, water should be drained out of the field at least 7 days before harvesting.</li> <li>Harvesting of crop should be done when leave turn yellow colour.</li> </ul>
<b>Pea</b>	BANGLADESH Vegetative stage		<ul style="list-style-type: none"> <li>Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>Maintain proper soil moisture in the the field by irrigation.</li> </ul>
<b>Mustard/ Rapeseed</b>	Sowing/Vegetative growth		<ul style="list-style-type: none"> <li>Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
<b>Cabbage/Broccoli/ Cauliflower</b>	Transplanting		<ul style="list-style-type: none"> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Do earthing up after application of urea.</li> </ul>
<b>Dolichos bean</b>	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>Spray Rogor 1ml/litre water to control pests.</li> </ul>

STATE GIS LAB.  
( MEGHALAYA )

SCALE 1: 1,350,000





**GRAMIN KRISHI MAUSAM SEWA**  
**ICAR Research Complex for NEH Region**  
**Umroi Road, Umiam – 793 103 Meghalaya**



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

<b>French bean/Rajmash/cowpea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Maintain soil moisture by irrigation.</li> <li>• Harvest the dried pod for seed.</li> <li>• Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
<b>Ginger/turmeric</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
<b>Khasi Mandarin</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Harvesting of ripened fruits.</li> <li>• Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>• Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>

C & RD BLOCK MAP OF MEGHALAYA

**Animal Sciences**

<b>Poultry</b>	All stages	<p align="center">STATE GIS LAB. (MEGHALAYA)</p> <p align="center">SCALE 1: 1,350,000</p>	<ul style="list-style-type: none"> <li>• As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.</li> <li>• Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>• Litter should be change 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	<ul style="list-style-type: none"> <li>• Provide plenty of fresh and clean drinking water.</li> <li>• Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul>
		Ranikhet disease	<ul style="list-style-type: none"> <li>• Vaccinate the poultry birds with <b>F1/ Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>
<b>Piggery</b>	All stages		<ul style="list-style-type: none"> <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>• Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
		Skin infection	<ul style="list-style-type: none"> <li>• Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
<b>Cattle &amp; Buffaloes</b>	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> <li>• Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul>
		Foot & Mouth Disease,	<ul style="list-style-type: none"> <li>• Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease,</li> </ul>



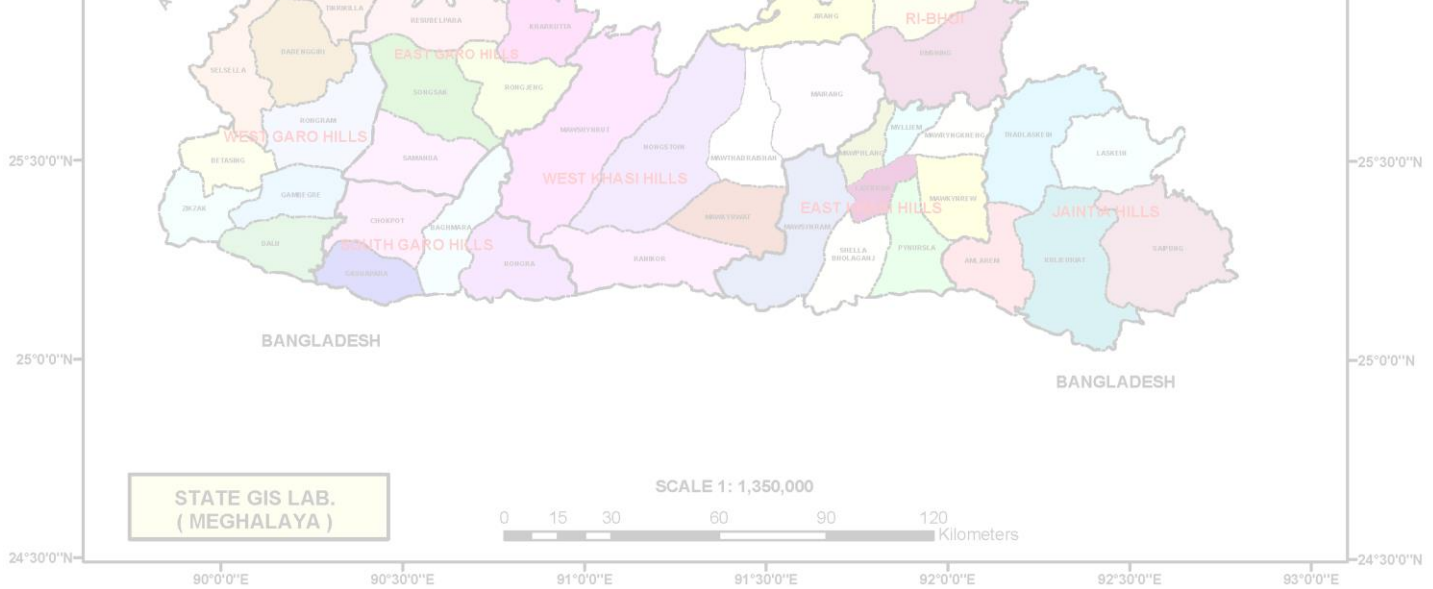
**GRAMIN KRISHI MAUSAM SEWA**  
**ICAR Research Complex for NEH Region**  
**Umroi Road, Umiam – 793 103 Meghalaya**



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

		Haemorrhagic Septicaemia, Black Quarter	Haemorrhagic septicaemia & Black Quarter.
<b>Fishery</b>			
Carps	Fingerlings  Pond management	Harvesting season  Culture ponds in winter seasons  Nursery ponds preparation	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.  Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.  Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.  Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.

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







**Agro Advisory Bulletin – SOUTH WEST GARO HILLS**  
**(Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)**

**Weather forecast valid up to 17<sup>th</sup> December, 2017**

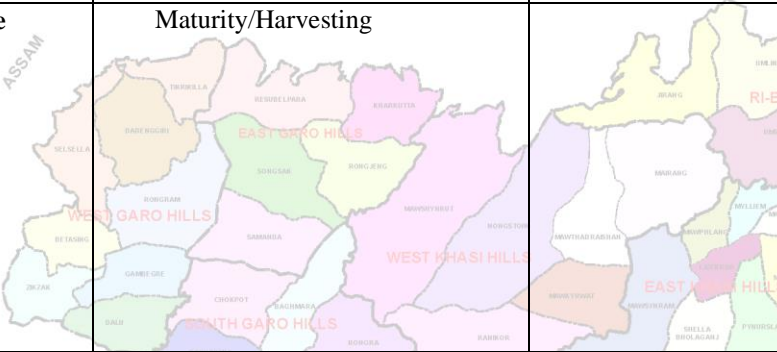

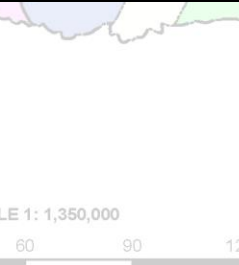

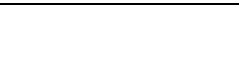
The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 26-27°C, Minimum Temp: 14-15°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 85-94%, Minimum RH: 46-53%, Wind speed: 6 Kmph, Wind direction: Northeast-East.

**Weekly cumulative rainfall : 0.0mm**

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

**Agro meteorological Advisories for coming 5 days**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
<b>Sali/Kharif Rice</b> 	ASSAM Maturity/Harvesting		ASSAM <ul style="list-style-type: none"> <li>• Bird scaring should be taken care of.</li> <li>• Maintain a water level of 2-5 cm in the field.</li> <li>• Monitor crop for swarming caterpillar attack.</li> <li>• If the crop is mature, water should be drained out of the field at least 7 days before harvesting.</li> <li>• Harvesting of crop should be done when leave turn yellow colour.</li> </ul>
<b>Pea</b>	BANGLADESH Vegetative stage		<ul style="list-style-type: none"> <li>• Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>• Maintain proper soil moisture in the the field by irrigation.</li> </ul>
<b>Mustard/ Rapeseed</b>	Sowing/Vegetative growth		<ul style="list-style-type: none"> <li>• Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>• Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>• Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>• Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>• Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
<b>Cabbage/Broccoli/ Cauliflower</b>	Transplanting		<ul style="list-style-type: none"> <li>• Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant</li> </ul>



# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



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

			<p>to plant.</p> <ul style="list-style-type: none"> <li>Do earthing up after application of urea.</li> <li>Spray Rogor 1ml/litre water to control pests.</li> <li>Maintain soil moisture by irrigation.</li> </ul>
<b>Dolichos bean</b>	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>Harvest the dried pod for seed.</li> <li>Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
<b>French bean/Rajmash/cowpea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
<b>Ginger/ turmeric</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvesting of ripened fruits.</li> <li>Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>
<b>Khasi Mandarin</b>	Harvesting stage		
<b>Animal Sciences</b>			
<b>Poultry</b>		All stages	<ul style="list-style-type: none"> <li>As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.</li> <li>Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>Litter should be change 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 droppings of the poultry birds for any diseases symptom.</li> </ul>
		Coccidiosis	<ul style="list-style-type: none"> <li>Provide plenty of fresh and clean drinking water.</li> <li>Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul>
		Ranikhet disease	<ul style="list-style-type: none"> <li>Vaccinate the poultry birds with <b>F1/ Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>
<b>Piggery</b>	All stages		<ul style="list-style-type: none"> <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>Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
		Skin infection	<ul style="list-style-type: none"> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
<b>Cattle &amp; Buffaloes</b>	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> <li>Vaccinate 6-9 months old calves with</li> </ul>



# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



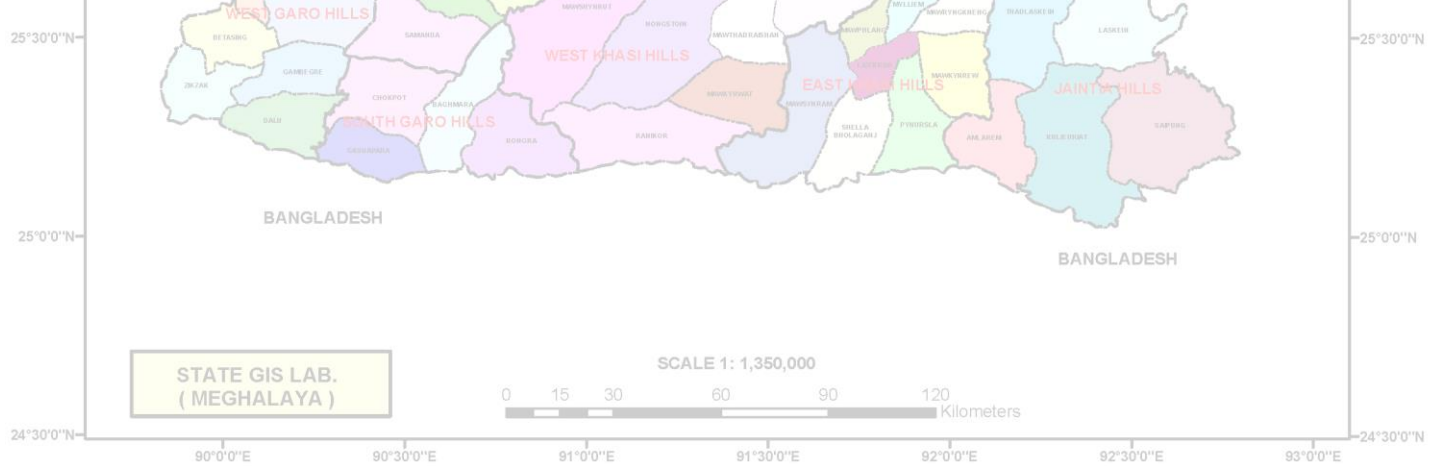
☎ Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: [iaasbarapani@yahoo.in](mailto:iaasbarapani@yahoo.in)

		<i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck
	Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	<ul style="list-style-type: none"> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic septicaemia &amp; Black Quarter.</li> </ul>

### Fishery

<p><b>Carps</b></p>	<p><b>Fingerlings</b></p> <p style="text-align: center;">Pond management</p>	<p><b>Harvesting season</b></p> <p>Culture ponds in winter seasons</p> <p>Nursery ponds preparation</p>	<p>Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.</p> <p>Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.</p> <p>Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.</p> <p>Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.</p>
---------------------	--	---	--

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





**Agro Advisory Bulletin – SOUTH WEST KHASI HILLS**  
**(Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)**

**Weather forecast valid up to 17<sup>th</sup> December, 2017**

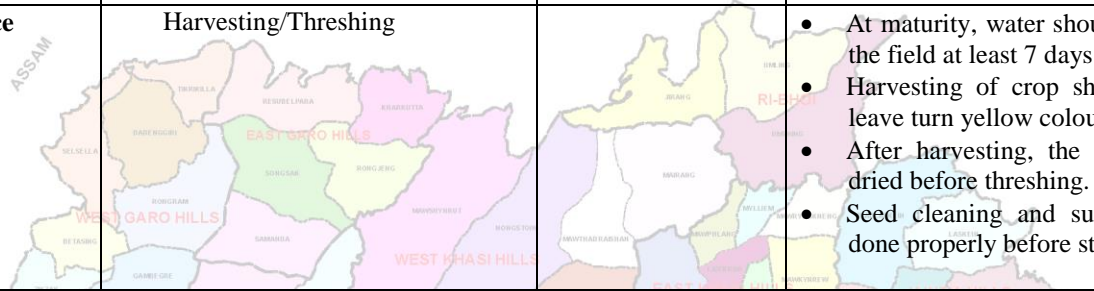


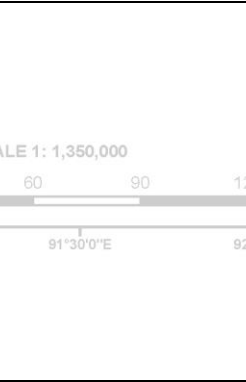
The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 18-20°C, Minimum Temp: 6-8°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 95-97%, Minimum RH: 40-55%, Wind speed: 5-6 Kmph, Wind direction: Northeast.

**Weekly cumulative rainfall : 0.0mm**

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

**Agro meteorological Advisories for coming 5 days**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
<b>Sali/Kharif Rice</b> 	ASSAM Harvesting/Threshing		<ul style="list-style-type: none"> <li>At maturity, water should be drained out of the field at least 7 days before harvesting.</li> <li>Harvesting of crop should be done when leave turn yellow colour.</li> <li>After harvesting, the crop should be sun dried before threshing.</li> <li>Seed cleaning and sun drying should be done properly before storing.</li> </ul>
<b>Pea</b>	Vegetative stage		<ul style="list-style-type: none"> <li>Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>Maintain proper soil moisture in the the field by irrigation.</li> </ul>
<b>Mustard/ Rapeseed</b>	Sowing/Vegetative growth		<ul style="list-style-type: none"> <li>Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
<b>Cabbage/Broccoli/ Cauliflower</b>	Transplanting		<ul style="list-style-type: none"> <li>Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>Do earthing up after application of urea.</li> </ul>
<b>Dolichos bean</b>	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>Spray Rogor 1ml/litre water to control pests.</li> <li>Maintain soil moisture by irrigation.</li> </ul>
<b>French</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the dried pod for seed.</li> </ul>

STATE GIS LAB.  
( MEGHALAYA )

SCALE 1: 1,350,000





# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



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

bean/Rajmash/cowpea			<ul style="list-style-type: none"> <li>Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
Ginger/turmeric	Harvesting stage		<ul style="list-style-type: none"> <li>Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
Khasi Mandarin	Harvesting stage		<ul style="list-style-type: none"> <li>Harvesting of ripened fruits.</li> <li>Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>

### Animal Sciences

Poultry		All stages	<ul style="list-style-type: none"> <li>As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lighting of electric bulb to protect them from low temperature.</li> <li>Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>Litter should be change 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 droppings of the poultry birds for any diseases symptom.</li> </ul>
		Coccidiosis	<ul style="list-style-type: none"> <li>Provide plenty of fresh and clean drinking water.</li> <li>Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul>
		Ranikhet disease	<ul style="list-style-type: none"> <li>Vaccinate the poultry birds with <b>F1/ Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>
Piggery		All stages	<ul style="list-style-type: none"> <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>Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
		Skin infection	<ul style="list-style-type: none"> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
Cattle & Buffaloes		6-9 months calves	<ul style="list-style-type: none"> <li>Brucellosis                             <ul style="list-style-type: none"> <li>Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul> </li> </ul>
			<ul style="list-style-type: none"> <li>Foot &amp; Mouth Disease, Haemorrhagic Septicaemia, Black Quarter.                             <ul style="list-style-type: none"> <li>Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease, Haemorrhagic septicaemia &amp; Black Quarter.</li> </ul> </li> </ul>



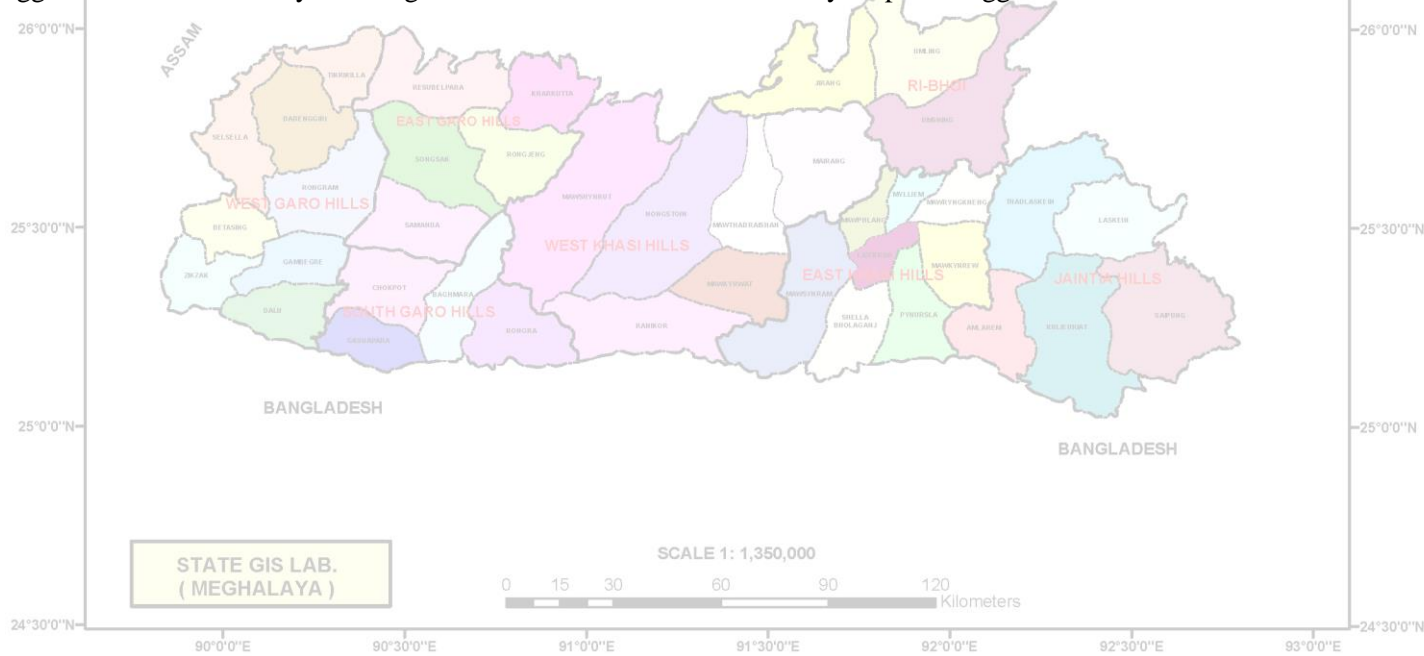
**GRAMIN KRISHI MAUSAM SEWA**  
**ICAR Research Complex for NEH Region**  
**Umroi Road, Umiam – 793 103 Meghalaya**



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

		Quarter	
<b>Fishery</b>			
Carps	Fingerlings  Pond management	Harvesting season  Culture ponds in winter seasons	Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.  Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.  Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.
		Nursery ponds preparation	Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.

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





**Agro Advisory Bulletin – WEST GARO HILLS**  
**(Period 13<sup>th</sup> – 17<sup>th</sup> December, 2017)**

**Weather forecast valid up to 17<sup>th</sup> December, 2017**

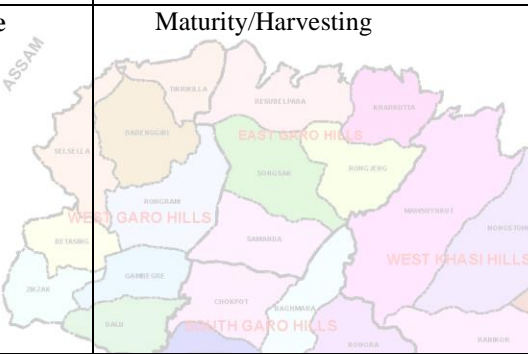

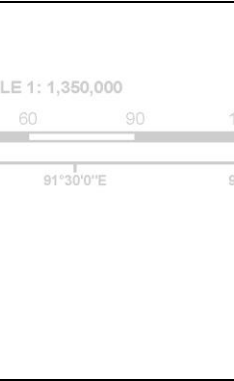
The possibility of Rainfall is 0.0mm for the next five days. Maximum Temp: 24-26°C, Minimum Temp: 13-15°C, Cloud cover: sky will be mainly clear i.e. 0-1 Okta, Maximum RH: 89-98%, Minimum RH: 41-54%, Wind speed: 3-5 Kmph, Wind direction: Northeast-East.

**Weekly cumulative rainfall : 0.0mm**

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

**Agro meteorological Advisories for coming 5 days**

Main Crop/ Animal /Fisheries	Stage	Pest/Diseases	Agricultural Advisories
<b>Sali/Kharif Rice</b> 	ASSAM Maturity/Harvesting		ASSAM <ul style="list-style-type: none"> <li>• Bird scaring should be taken care of.</li> <li>• Maintain a water level of 2-5 cm in the field.</li> <li>• Monitor crop for swarming caterpillar attack.</li> <li>• If the crop is mature, water should be drained out of the field at least 7 days before harvesting.</li> <li>• Harvesting of crop should be done when leave turn yellow colour.</li> </ul>
<b>Pea</b>	BANGLADESH Vegetative stage		<ul style="list-style-type: none"> <li>• Thinning &amp; gap filling should be done 10-15 days after sowing.</li> <li>• Maintain proper soil moisture in the the field by irrigation.</li> </ul>
<b>Mustard/ Rapeseed</b>	Sowing/Vegetative growth		<ul style="list-style-type: none"> <li>• Recommended variety: Mustard- Varuna, Krishna, TM 4; Rapeseed- M 27, TS 38, TR 48, TR 67.</li> <li>• Furrow application of Lime @ 250 kg/ha. should be done before a week of sowing.</li> <li>• Thinning &amp; gap filling should be done 10-15 days old crop.</li> <li>• Seeds should be sown in line after applying FYM @5-10 tonnes/ha and covered well with soil.</li> <li>• Maintain proper soil moisture by providing life saving irrigation.</li> </ul>
<b>Cabbage/Broccoli/ Cauliflower</b>	Transplanting		<ul style="list-style-type: none"> <li>• Transplant 3- 5 weeks old seedlings at a spacing of 45cm row to row &amp; 30cm plant to plant.</li> <li>• Do earthing up after application of urea.</li> </ul>
<b>Dolichos bean</b>	Vegetative/ Flowering stage		<ul style="list-style-type: none"> <li>• Spray Rogor 1ml/litre water to control pests.</li> </ul>

STATE GIS LAB.  
( MEGHALAYA )

SCALE 1: 1,350,000





# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya

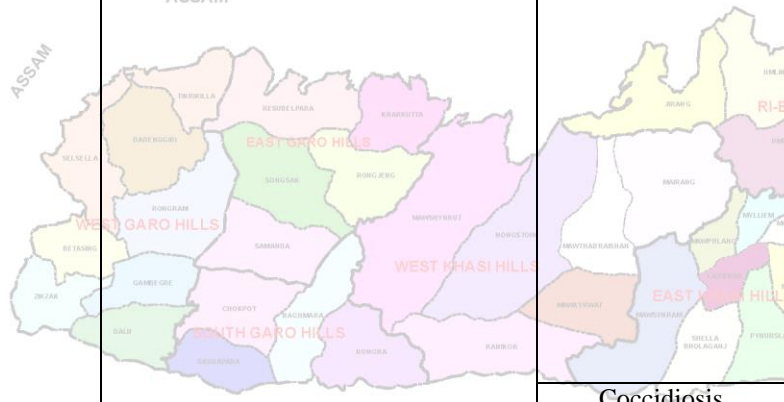


☎ Telephone No. : 0364 2570276 (O) Fax: 0364 2570213/Email: [iaasbarapani@yahoo.in](mailto:iaasbarapani@yahoo.in)

<b>French bean/Rajmash/cowpea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Maintain soil moisture by irrigation.</li> <li>• Harvest the dried pod for seed.</li> <li>• Dried seed properly &amp; store in airtight poly bags/container.</li> </ul>
<b>Ginger/turmeric</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Harvest the crop when the above ground part of plant has fully dried.</li> </ul>
<b>Khasi Mandarin</b>	Harvesting stage		<ul style="list-style-type: none"> <li>• Harvesting of ripened fruits.</li> <li>• Collection and discard of fallen fruits in orchards to avoid attraction of fruit fly.</li> <li>• Adopting the appropriate conservation techniques such as preparation of Half-moon terrace/ tree basin, contour bunds, bench terraces and half moon terraces for placement of manure and fertilizer and to reduce soil erosion/ nutrient loss during rainy season.</li> </ul>

C & RD BLOCK MAP OF MEGHALAYA

#### Animal Sciences

<b>Poultry</b>	All stages		 <ul style="list-style-type: none"> <li>• As the night temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.</li> <li>• Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth.</li> <li>• Litter should be change 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	<ul style="list-style-type: none"> <li>• Provide plenty of fresh and clean drinking water.</li> <li>• Provide coccidiostatic like <b>Amprolium</b> @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis.</li> </ul>
		Ranikhet disease	<ul style="list-style-type: none"> <li>• Vaccinate the poultry birds with <b>F1/ Lasota vaccine</b> (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril.</li> </ul>
<b>Piggery</b>	All stages		<ul style="list-style-type: none"> <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>• Iron supplementation in piglet to prevent from piglet anaemia during 1<sup>st</sup> week of age.</li> </ul>
		Skin infection	<ul style="list-style-type: none"> <li>• Provide Ivermectin (Injection) @ 10mg/33kg body wt.</li> </ul>
<b>Cattle &amp; Buffaloes</b>	6-9 months calves	Brucellosis	<ul style="list-style-type: none"> <li>• Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck</li> </ul>
		Foot & Mouth Disease,	<ul style="list-style-type: none"> <li>• Undertake regular immunization of cattle &amp; buffaloes against Foot &amp; Mouth disease,</li> </ul>

STATE GIS LAB. (MEGHALAYA)

SCALE 1: 1,350,000

0 15 30 60 90 120 Kilometres





# GRAMIN KRISHI MAUSAM SEWA

## ICAR Research Complex for NEH Region

### Umroi Road, Umiam – 793 103 Meghalaya



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

		Haemorrhagic Septicaemia, Black Quarter	Haemorrhagic septicaemia & Black Quarter.
<b>Fishery</b>			
<p>Carps</p>	<p>Fingerlings</p> <p>Pond management</p>	<p>Harvesting season</p> <p>Culture ponds in winter seasons</p> <p>Nursery ponds preparation</p>	<p>Nursery ponds should be harvested and the fingerlings should be transferred to grow out ponds @ 10000 to 15000 nos. per ha.</p> <p>Grow out ponds should be properly cleaned from weeds and other aquatic weeds in the bank of the ponds and nearby the ponds so that the ponds can get proper Sunlight during winter season.</p> <p>Proper monitoring should be done to check if there is any sign of infection or disease, and if so it should be removed immediately and treatment should be given after consulting with experts.</p> <p>Nursery pond preparation for common carp breeding can be initiated by draining out the ponds properly and allowing sufficient sunlight to fall on the pond bottoms.</p>

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

