

Ash Gourd &

Pumpkin

Vegetative stage

GRAMIN KRISHI MAUSAM SEWA

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



Dated: 02/06/2017

grasses may be done to reduce evaporation loses.

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be raised for proper growth.

Support of bamboo structure for climbing upward may

Mulching with locally available materials like straw,

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

RC (AE)/30/2011/ Bulletin/June'2017/17

Agro Advisory Bulletin – NORTH GARO HILLS (Period 3rd - 7th June, 2017)

Weather forecast valid up to 7th June, 2017

The possibility of Rainfall is 48.0mm for the next five days. Maximum Temp: 27-30°C, Minimum Temp: 19-20°C, Cloud cover: sky will be partly cloudy i.e. 3-4 Okta, Maximum RH: 92-98%, Minimum RH: 62-71%, Wind speed: 3-4 Kmph, Wind direction: Northeast-South.

Weekly cumulative rainfall: 48.0mm C & RD BLOCK MAP OF MEGHALAYA 92°30'0"E Agro meteorological Advisories for coming 5 days ASSAM • Make proper drainage in the crop fields Main Crop/ Stage **Pest/Diseases** Agricultural Advisories **Animal /Fisheries** -26°0'0"N Sali/Kharif Rice Nursery/Main field Nursery preparation preparation • Start preparing raised nursery bed of size 10m (length) × 1.25 m (width) \times 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). BANGLADESH Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation SCALE 1: 1,350,0 STATE GIS LAB. Repair old bunds by maintaining 20-30 cm height in (MEGHALAYA) lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Maize Emergence/ Knee Weeding, top dressing of urea @ 44kg/ha for HYV and High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Vegetative stage Mulching with locally available materials like straw,





| | | | Support of bamboo structure for climbing upward may be raised for proper growth. |
|--------------------|-------------------------------|------------------------------------|---|
| Brinjal/Chilli | Vegetative stage | | Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | • Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. |
| Tomato | Vegetative stage | | Weeding operation may be carried out. Top dressing of N (5g/plant) and K (5g/plant) at 45 days |
| Tomato | vegetative stage | | after planting. Stake the plants with 1m tall stake. |
| Khasi Mandarin | Fruit Setting | | Stake the plants with thi tall stake. |
| 90°0 | С | & RD BLOCK MAP OF I | interest in the state of shaking the state of days |
| | 117 | 3.7.2 | Management of fruit drop: Spray 2,4-D 15mg/l + Urea |
| 26°30'0"N= | | | (10g/l) + Benomy (1g/l) |
| Animal Sciences | | T | |
| Poultry | All stages | | Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking |
| | | | water daily in broiler for healthy growth. |
| 26°0'0"N- | and a man | 1 | Litter should be changed periodically and provide clean |
| 8 | THANKALA RESURELAGAA | my & | drinking water and change the water every day. |
| - Sec. 5 | ELIA DARENGONI EASTORIO HILLS | Sal Toronto | Diseased and dead birds should be immediately removed. |
| 25°30'0"N- | NOGERAM NOGERAM | MANAGARTHRU I MANTHARI HARINANI | Regularly inspect the dropings of the poultry birds for any diseases symptom. |
| C SECON C | CAMBLORE | Coccidiosis | Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg |
| 2 | BALL STATE GARO HILLS HOUGH | Ranikhet disease | feed once a day as a preventive measure against coccidiosis. |
| | | Kanikhet disease | • Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through |
| 25°0'0"N- | BANGLADESH | | 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 |
| | E GIS LAB. | SCALE 1: 1,350,0 15 30 60 | FMD vaccine once in a year. Iron supplementation in piglet to prevent from piglet |
| | GHALAYA) | 15 30 60 | anaemia during 1 st week of age. |
| 24°30′0"N | 0"E 90°30'0"E | 91°0 Skin infection 1°30'0" | Provide Ivermectin (Injection) @ 10mg/33kg body wt. |
| Cattle & Buffaloes | 6-9 months calves | Brucellosis | Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck |
| | | Foot & Mouth | Undertake regular immunization of cattle & buffaloes |
| | | Disease, | against Foot & Mouth disease, Haemorrhagic |
| | | Haemorrhagic Septicaemia, Black | septicaemia & Black Quarter. |
| | | Quarter | |
| Fishery | 1 | Zum 101 | ı |
| Common carp | Fry stage/Advance fry | | Fry stocking |
| ··· F | <i>y g</i> | | Once Common carp fry attained (5-6cm) it can be |
| | | | harvest and transferred to rearing ponds. |
| | | | narvest and transferred to rearing policis. |



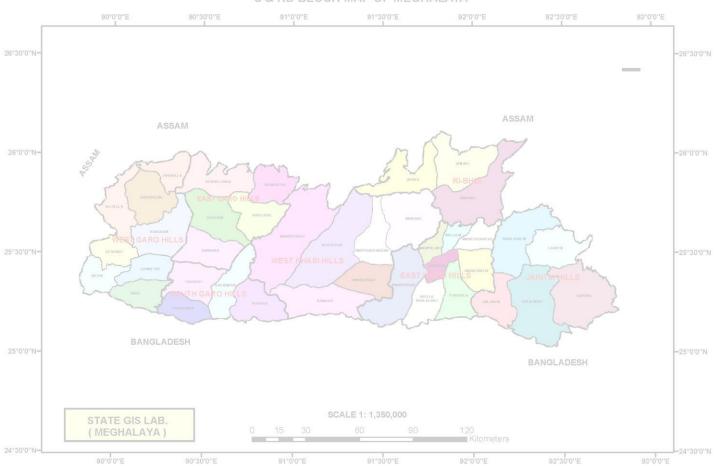
ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



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| Major Carp/Minor | Brooders | Brood stock maintenance |
|------------------|----------|---|
| Carp | | Provide sufficient feed to the brooder for proper egg |
| | | development (Rice bran, mustard oil cake, fish |
| | | meal, minerals & vitamins). |
| | | Regular monitoring of PH and dissolved oxygen. |

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





Bottle Gourd

GRAMIN KRISHI MAUSAM SEWA

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Dated: 02/06/2017

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RC (AE)/30/2011/ Bulletin/June'2017/17

Agro Advisory Bulletin - Ri-Bhoi (Period 3rd - 7th June, 2017)

91°0'0"E

Weather summery of the past four days

Vegetative stage

Weather forecast valid up to 7th June, 2017

Sky was mainly cloudy with 67.2mm of rainfall. Maximum temperatures ranged between 21.7-29.0°C and minimum ranged between 17.5-17.9°C. Mean relative humidity was 89-99% in morning and 64-85% in evening. Wind speed ranged between 3-4 kmph. C & RD BLOCK MAP OF

The possibility of Rainfall is 78.0mm for the next five days. Maximum Temp: 27.0-30.0°C, Minimum Temp: 17.0-19.0°C, Cloud cover: sky will be partly cloudy i.e. 3-4 Okta, Maximum RH: 91-98%, Minimum, RH: 55-66%, Wind speed: 2-3 Kmph, Wind direction: East-Southwest.

> Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of

> Mulching with locally available materials like straw, grasses may be done to reduce evaporation

> Support of bamboo structure for climbing upward

moisture.

loses.

Weekly cumulative rainfall: 78.0mm

Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ Pest/Diseases Agricultural Advisories Stage **Animal /Fisheries** Sali/Kharif Rice Nursery/Main field Nursery preparation preparation Start preparing raised nursery bed of size 10m $(length) \times 1.25m$ (width) \times 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). ANGLADESH Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. STATE GIS LAB. Main field preparation AYAI Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient 91°30'0"E moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Maize Emergence/ Knee Weeding, top dressing of urea @ 44kg/ha for High & Mid altitude high stage HYV and 33Kg for local varieties followed by Region earthing up should be done at 30-40 DAG.





| | | 1 | |
|------------------------|---------------------------|--|---|
| 410 10 | ** | | may be raised for proper growth. |
| Ash Gourd & Pumpkin | Vegetative stage | | Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. |
| | | | Support of bamboo structure for climbing upward may be raised for proper growth. |
| Brinjal/Chilli | Vegetative stage | | Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | Manuring & fertilizer: Apply ½ dose of Urea at |
| | | | 40 DAP.Weeding operation may be carried out. |
| | C & I | RD BLOCK MAP OF ME | GI∳ALAYA |
| Tomato 90°0'0" | Vegetative stage | 91°0'0"E 91°30'0"E | • Top dressing of N (5g/plant) and K (5g/plant) at 45 |
| | | | days after planting. Stake the plants with 1m tall stake. |
| 26°30'0"N- | | | Stake the plants with 1 m tall stake. |
| Spring Potato | Vegetative stage | | |
| | | | Intercultural operations such as weeding may be |
| | ASSAM | | carried out. Earthing up and ensure that tuber are |
| | | | not expose to sunlight. |
| Khasi Mandarin | Fruit Setting | | -26°0'0"N |
| Khasi Wandarii | THAT Setting | than we - | Management of trunk borer: by collection & |
| 5 | BARENGORY EAST GARO HILLS | The state of the s | destruction of trunk borers adults by shaking the |
| STREET | SONGEAR TRONGENG | / 7 / | branches at 10 days interval. |
| 7 | ST CARO HILLS | MANOREMAN / | • Management of fruit drop: Spray 2,4-D 15mg/l + |
| 25°30'0"N- | SAMAHUA NO | MONOSTON MANTHABRABHAN | Urea (10g/l) + Benomy (1g/l) |
| Animal Sciences | | EA | HILLS JAINTONHILLS |
| Poultry | All stages | | • Protect poultry houses from extreme wind by |
| | ICASSIANATA ROBORA | A PAHROR | covering with polythene sheets on the sheds. |
| | | The same of the sa | Provide vitamin B complex @ 7ml/litre in |
| 25°0'0''N- | BANGLADESH | | drinking water daily in broiler for healthy growth. |
| 2012/2012 (2014) | | | Litter should be change periodically and provide clean drinking water and changed the water every |
| | | | day. |
| | | 504154.4350.000 | Diseased and dead birds should be immediately |
| | GIS LAB. ALAYA) 0 1 | SCALE 1: 1,350,000 5 30 60 9 | removed. |
| 24°30′0″N- | ALATA) | _ | Regularly inspect the dropings of the poultry birds for any diseases symptom. 24 300 N |
| 90°0'0"E | 90°30'0"E | Coccidiosis | Provide plenty of fresh and clean drinking water. |
| | | Coccidiosis | Provide prenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 |
| | | | mg/kg feed once a day as a preventive measure |
| | | | against coccidiosis. |
| | | Ranikhet disease | • Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through eye and nostril. |
| Piggery | All stages | | Vaccinate all newly born piglets against swine |
| | | | fever at the age of 3 months followed by annual |
| | | | booster dose. |
| | | | • In epidemic areas, vaccinate 6 months old pigs |
| | | | with FMD vaccine once in a year. |
| | | | Iron supplementation in piglet to prevent from |



90°0'0"E

90°30'0"E

91°0'0"E

91°30'0"E

92°0'0"E

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| | | | piglet anaemia during 1 st week of age. |
|--|--|---|--|
| | | Skin infection | Provide Ivermectin (Injection) @ 10mg/33kg body wt. |
| Cattle & Buffaloes | 6-9 months calves | Brucellosis | Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck |
| | | Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter | Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. |
| Fishery | l | | |
| Common carp | Fry stage/Advance fry | RD BLOCK MAP OF ME | Fry stocking GHAL ONCE Common carp fry attained (5-6cm) it |
| 90°0' | 0"E 90°30'0"E | 91°0'0"E 91°30'0"E | ⁹² can be harvest and transferred to rearing |
| 26°30'0"N= | | | ponds. |
| Major Carp/Minor | Brooders | | Brood stock maintenance — |
| Carp | | | Provide sufficient feed to the brooder for |
| | | | proper egg development (Rice bran, mustard |
| | ASSAM | | oil cake, fish meal, minerals & vitamins). |
| 26°0'0"N- | | 000 | • Regular monitoring of PH and dissolved |
| SP | and I may make | | oxygen. |
| Suggestion: Contact r | Dearby State Agril. Staff or CAST STATE HIGH. ROBURIAN ROBURIAN ROBURIAN ROBURIAN ROBURIAN ROBURIAN | KVK staff for necessar | Ty help and suggestion. |
| THE COLUMN TO TH | CHORDOT CHOIMANA CHORDOT CHAINMANA CHORDOT CHORDOTA AND CHORDOTA C | VEST IGHA SI HILLS RANKOR RANKOR | ST. HULLS HALMEN DE W. JAINT DE HILLS THERE BROWN AGAIN. PRINTERS AND AREA BELLETIMET. |
| 25°0'0"N= | BANGLADESH | | BANGLADESH -25°0'0"N |
| STATE | GIS LAB. | SCALE 1: 1,350,000 | |
| (MEG | HALAYA) | 15 30 60 9 | 90 120 Kilometers |
| 24°30'0"N- | | | -24°30'0"N |



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



Dated: 02/06/2017

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RC (AE)/30/2011/ Bulletin/June 2017/17

Agro Advisory Bulletin – SOUTH GARO HILLS (Period 3rd - 7th June, 2017)

Weather forecast valid up to 7th June, 2017

The possibility of Rainfall is 39.0mm for the next five days. Maximum Temp: 27-30°C, Minimum Temp: 20-21°C, Cloud cover: sky will be mainly cloudy i.e. 5-6 Okta, Maximum RH: 95-98%, Minimum RH: 69-80%, Wind speed: 8-9 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 39.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

Make proper drainage in the crop fields

| Main Crop/ Animal /Fisheries | ASS, Stage | Pest/Diseases | Agricultural Advisories | |
|---------------------------------|--|--|--|--|
| Sali/Kharif Rice | Nursery/Main field PROPERTY OF THE LINEAR PR | MOPOSTRUE MODUSTURE MOVEMARIAMAN WEST KIHASI HILLS | Nursery preparation Start preparing raised nursery bed of size 10m (length) 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compose @ 10-15kg/seed bed plus a starter dose of urea 80g, SS 225g, MOP 40g per seed bed. Sow HYV's lik Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412 RCPL 1-410, RCPL 1-411 & local varieties like Mendr Manipuri, etc maintaining a seed rate of 650-1000g/ be (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancoze @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brow | |
| | GIS LAB. ALAYA) | SCALE 1: 1,350,0 15 30 60 81°00"E 91°30" | lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days. | |
| Maize | Emergence/ Knee | 91°0'0"E 91°30'0" | farmers should start ploughing of their main field. • Weeding, top dressing of urea @ 44kg/ha for HYV and | |
| High & Mid altitude Region | high stage | | 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. | |
| Bottle Gourd | Vegetative stage | | Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. | |
| Ash Gourd & Pumpkin | Vegetative stage | | Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may | |





| | | | be raised for proper growth. |
|--------------------------|---|--|--|
| Brinjal/Chilli | Vegetative stage | | Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out. |
| Tomato | Vegetative stage | | Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. |
| Khasi Mandarin | Fruit Setting | & RD BLOCK MAP OF N | Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. |
| 90'0'0' | E 90°30'0"E | 91°0'0"E 91°30'0"E | • Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l) |
| Animal Sciences | | | |
| Poultry | All stages | | Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. |
| 26°0'0"N- | INFRIGALA DE MIRELANDA BADE RUCHI EAST COMPO HILLS MINICIAR ROMER | The state of the s | Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. |
| 25"30"0"N- | GAMELONE CAMELONE CAMELONE CHOSPOT ALCHANGA CONTOT CONTOTAL CONTOTAL | Coccidosis WEST WHASI HILLS Ranikhet disease | Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through |
| Piggery\- | All stages | | eye and nostril. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. |
| | GIS LAB. ALAYA) | SCALE 1: 1,350,0 15 30 60 Skin infection | Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age. Provide Ivermectin (Injection) @ 10mg/33kg body wt. |
| Cattle & Buffaloes | 6-9 months calves | 91°000"Brucellosis 91°30'0"E | Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck |
| | | Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter | Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. |
| Fishery | Γ_ | T | |
| Common carp | Fry stage/Advance fry | | Fry stocking Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds. |
| Major Carp/Minor Carp | Brooders | | Brood stock maintenance |



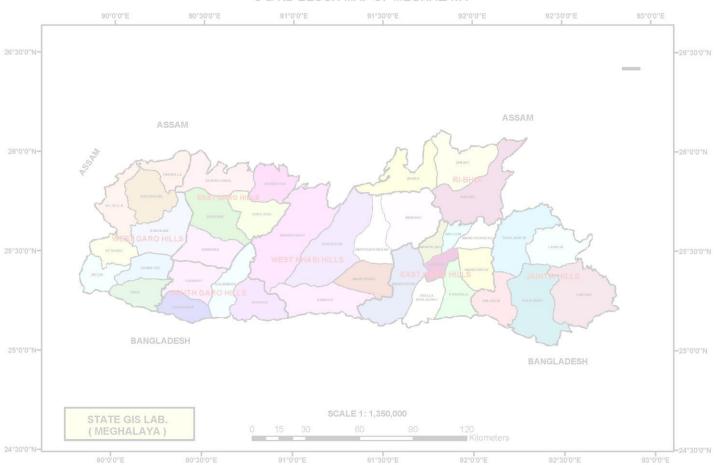
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| | • | Provide sufficient feed to the brooder for proper egg |
|--|---|---|
| | | development (Rice bran, mustard oil cake, fish |
| | | meal, minerals & vitamins). |
| | • | Regular monitoring of PH and dissolved oxygen. |
| | | |

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





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



Dated: 02/06/2017

92°30'0"E

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RC (AE)/30/2011/ Bulletin/June'2017/17

Agro Advisory Bulletin – SOUTH WEST GARO HILLS (Period 3rd - 7th June, 2017)

Weather forecast valid up to 7th June, 2017

The possibility of Rainfall is 24.0mm for the next five days. Maximum Temp: 30-33°C, Minimum Temp: 21-23°C, Cloud cover: sky will be partly cloudy i.e. 3-4 Okta, Maximum RH: 92-95%, Minimum RH: 63-68%, Wind speed: 2-5 Kmph, Wind direction: Northeast-East.

Weekly cumulative rainfall: 24.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —

Make proper drainage in the crop fields

| Main Crop/ | ASS Stage | Pest/Diseases | Agricultural Advisories |
|---------------------|---------------------------|-------------------|---|
| Animal /Fisheries | Assidage | resubiseases | Agricultural Advisories |
| | N. 24: 6:11 | | -26°0'0"N |
| Sali/Kharif Rice | Nursery/Main field | an f | Nursery preparation |
| 8 5 | preparation | 71 | • Start preparing raised nursery bed of size 10m (length) × |
| 5 | DARENGGRY EASTISHED HILLS | Jan / Page | 1.25m (width) × 10cm (height) with 30cm wide channel |
| ASTRAIT. | S ROBOR | 7 4 | between the two seed beds. Apply cow dung or compost |
| 3 | ROBGRAM A | | @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like |
| We | GARO HILLS | MONGSTON MONGSTON | Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, |
| 25°30'0"N- | 13 | WEST KHASI HILLS | RCPL 1-410, RCPL 1-411 & local varieties like Mendri, |
| 7367AX CO | CAMBIFORE CHOCKET | / maxima } | Manipuri, etc maintaining a seed rate of 650-1000g/ bed |
| 2 | DALU THEAROHILLS | 5 | (Nursery area of 500-600 sqm. is sufficient for |
| | EASHADAIA NORORI | RAHROR | transplanting of 1ha). |
| | | | Before sowing seeds should be treated with Mancozeb |
| | BANGLADESH | | @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for |
| 25°0'0"N- | | | 24hr to protect the crop from blast, Sheath blight, brown |
| | | | spot, sheath rot, etc. |
| | | | Main field preparation |
| | | SCALE 1: 1,350,0 | |
| | GIS LAB. | 15 30 60 | lowland and 15-20 cm in upland. As sufficient moisture |
| 24°30'0"N- | ALATA) | | is available due to heavy rain in the previous days, |
| 90°0'0"E | 90°30'0"E | 91°0'0"E 91°30'0" | farmers should start ploughing of their main field. |
| Maize | Emergence/ Knee | | Weeding, top dressing of urea @ 44kg/ha for HYV and |
| High & Mid altitude | high stage | | 33Kg for local varieties followed by earthing up should |
| Region | | | be done at 30-40 DAG. Mulches like straw, grasses can |
| | | | be provided in between the rows to reduce evaporation |
| | | | loses of moisture. |
| Bottle Gourd | Vegetative stage | | Mulching with locally available materials like straw, |
| | | | grasses may be done to reduce evaporation loses. |
| | | | Support of bamboo structure for climbing upward may |
| | | | be raised for proper growth. |
| Ash Gourd & | Vegetative stage | | Mulching with locally available materials like straw, |
| Pumpkin | | | grasses may be done to reduce evaporation loses. |
| | | | Support of bamboo structure for climbing upward may |





| | | | be raised for proper growth. |
|---------------------------|--|--|--|
| Brinjal/Chilli | Vegetative stage | | Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out. |
| Tomato | Vegetative stage | | Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. |
| Khasi Mandarin | Fruit Setting | & RD BLOCK MAP OF N | Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days led interval. |
| 90'0'0' | E 90°30'0"E | 91°0'0"E 91°30'0"E | • Management of fruit drop: Spray 2,4-D-15mg/l + Urea (10g/l) + Benomy (1g/l) |
| Animal Sciences | | | |
| Poultry | All stages | | Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. |
| 26°0'0"N- | PARTICIPAL PROPERTING HIS SCHOOL BONG A BONG A | The state of the s | Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. |
| 25"30"0"N- | GARLORE CAMELORE CAMELORE CHOSPOT ALCHANGA CONTOT CONTOT | Coccidosis WEST WHASI HILLS Ranikhet disease | Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1 drop) at the age of 4-7 days old and 35 days old through |
| Piggery | All stages | | eye and nostril. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. |
| | GIS LAB. ALAYA) | SCALE 1: 1,350,0 15 30 60 Skin infection | l |
| Cattle & Buffaloes 900000 | 6-9 months calves | 91°0′0″Brucellosis 91°30′0″E | Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck |
| | | Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter | Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. |
| Fishery | Γ_ | T | |
| Common carp | Fry stage/Advance fry | | Fry stocking Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds. |
| Major Carp/Minor Carp | Brooders | | Brood stock maintenance |



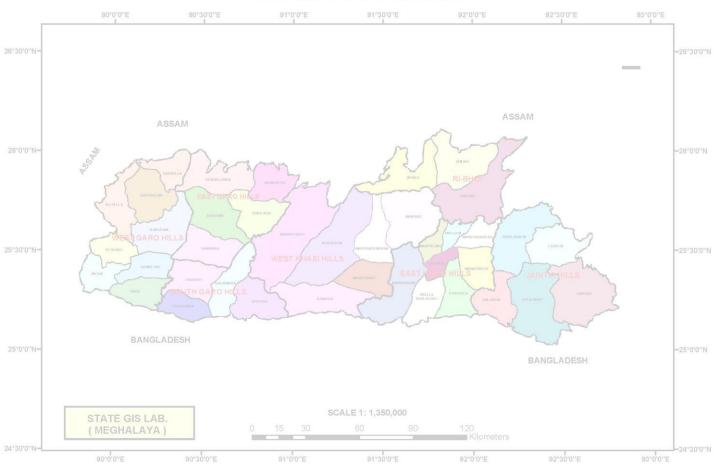
ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



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

| | • | Provide sufficient feed to the brooder for proper egg |
|--|---|---|
| | | development (Rice bran, mustard oil cake, fish |
| | | meal, minerals & vitamins). |
| | • | Regular monitoring of PH and dissolved oxygen. |
| | • | |

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





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



Dated: 02/06/2017

Mulching with locally available materials like straw,

Mulching with locally available materials like straw,

Support of bamboo structure for climbing upward may

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

grasses may be done to reduce evaporation loses.

be raised for proper growth.

be raised for proper growth.

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

RC (AE)/30/2011/ Bulletin/June'2017/17

Agro Advisory Bulletin – SOUTH WEST KHASI HILLS (Period 3rd - 7th June, 2017)

Weather forecast valid up to 7th June, 2017

The possibility of Rainfall is 54.0mm for the next five days. Maximum Temp: 25-29°C, Minimum Temp: 17-19°C, Cloud cover: sky will be mainly cloudy i.e. 5-6 Okta, Maximum RH: 94-98%, Minimum RH: 66-83%, Wind speed: 6-7 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 54.0mm

Bottle Gourd

Ash Gourd &

Pumpkin

Vegetative stage

Vegetative stage

C & RD BLOCK MAP OF MEGHALAYA

92°30'0"E Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ Pest/Diseases **Agricultural Advisories** Stage Animal /Fisheries Sali/Kharif Rice Nursery/Main field Nursery preparation Start preparing raised nursery bed of size 10m (length) × preparation 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bayistin 50WP @ 2g/l with water for BANGLADESH 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in SCALE 1: 1,350,0 lowland and 15-20 cm in upland. As sufficient moisture STATE GIS LAB. (MEGHALAYA) is available due to heavy rain in the previous days, farmers should start ploughing of their main field Weeding, top dressing of urea @ 44kg/ha for HYV and Maize Emergence/ Knee High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture.





| | | T | |
|--|--|--|--|
| Brinjal/Chilli | Vegetative stage | | • Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | • Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. |
| m | | | Weeding operation may be carried out. |
| Tomato | Vegetative stage | | Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. |
| Spring Potato | Vegetative stage | | • |
| . 0 | | & RD BLOCK MAP OF I | Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight. IEGHALAYA IEGHALAYA |
| Khasi Mandarin 90°0'0 | Fruit Setting | 91°0'0"E 91°30'0"E | 92°0'0"E 92°30'0"E 93°0'0"E |
| 26°30'0"N- | Trute Setting | | Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l) |
| Animal Sciences | ASSAM | | ASSAM |
| Poultry 25°30'0"N- 25°30'0"N- Piggery STATE (MEGI | All stages CAMPICAL BOUNDER CAMPICAL BOUNDER | WEST ISHASI HILLS Coccidiosis Ranikhet disease SCALE 1: 1,350,0 15 30 60 | the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with |
| 90°0'0"/ | 90°3Ô'0''E | Skin infection | FMD vaccine once in a year. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age. Provide Ivermectin (Injection) @ 10mg/33kg body wt. |
| Cattle & Buffaloes | 6-9 months calves | Brucellosis | Vaccinate 6-9 months old calves with <i>Brucella abortus</i> |
| | 6-9 months carves | Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter | Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. |
| Fishery | Emy ato as / A december 5 | <u> </u> | Europe and a china |
| Common carp | Fry stage/Advance fry | | Fry stocking |



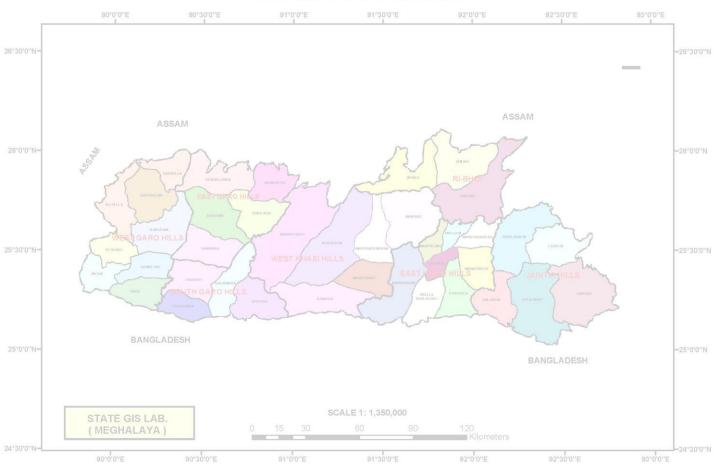
ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



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

| | | Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds. |
|--------------------------|----------|---|
| Major Carp/Minor Carp | Brooders | Brood stock maintenance Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen. |

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





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



Dated: 02/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/17

Agro Advisory Bulletin – WEST GARO HILLS (Period 3rd - 7th June, 2017)

Weather forecast valid up to 7th June, 2017

The possibility of Rainfall is 37.0mm for the next five days. Maximum Temp: 28-31°C, Minimum Temp: 20-22°C, Cloud cover: sky will be mainly cloudy i.e. 4-5 Okta, Maximum RH: 95-98%, Minimum RH: 67-73%, Wind speed: 6-7 Kmph, Wind direction: Eastern.

Weekly cumulative rainfall: 37.0mm

Pumpkin

C & RD BLOCK MAP OF MEGHALAYA

92°30'0"E Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ ASS Stage Pest/Diseases Agricultural Advisories **Animal /Fisheries** Sali/Kharif Rice Nursery/Main field Nursery preparation preparation Start preparing raised nursery bed of size 10m (length) × 1.25m (width) \times 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb BANGLADESH @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in SCALE 1: 1,350,0 STATE GIS LAB. lowland and 15-20 cm in upland. As sufficient moisture (MEGHALAYA) is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Maize Emergence/ Knee Weeding, top dressing of urea @ 44kg/ha for HYV and High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Vegetative stage Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. Ash Gourd & Vegetative stage Mulching with locally available materials like straw,

grasses may be done to reduce evaporation loses.

Support of bamboo structure for climbing upward may





| | | | be raised for proper growth. |
|----------------------------|--|--|---|
| Brinjal/Chilli | Vegetative stage | | Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out. |
| Tomato | Vegetative stage | | Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. |
| Khasi Mandarin | Fruit Setting | & RD BLOCK MAP OF N | Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days |
| 90°0'0 | E 90°30'0"E | 91°0'0"E 91°30'0"E | • Management of fruit drop: Spray 2,4-Do15mg/l + Urea (10g/l) + Benomy (1g/l) |
| Animal Sciences | | | |
| Poultry | All stages | | Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. |
| 26°0'0"N- | PART CATO HIS.S. SONGER | The state of the s | Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. |
| 25°30'0"N- | GAROHILLS CAMBICAE CHORPOT SAGMANIA CHORPOT SA | WEST ISHASI HILLS | 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. |
| | COUNTY CO | 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 _N - | 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. |
| | GIS LAB. ALAYA) | SCALE 1: 1,350,0 15 30 60 Skin infection | |
| Cattle & Buffaloes 9000000 | 6-9 months calves | 91°0′0″Brucellosis 91°30′0″E | Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck |
| | | Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter | Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. |
| Fishery | 1= | 1 | |
| Common carp | Fry stage/Advance fry | | Fry stocking Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds. |
| Major Carp/Minor Carp | Brooders | | Brood stock maintenance |



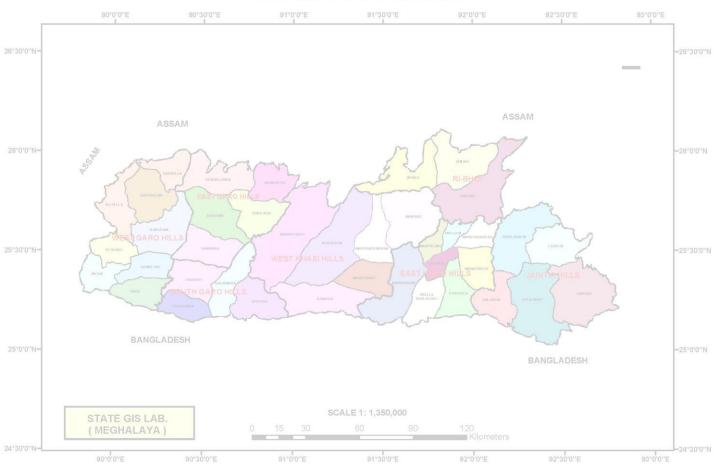
ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



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

| | • | Provide sufficient feed to the brooder for proper egg |
|--|---|---|
| | | development (Rice bran, mustard oil cake, fish |
| | | meal, minerals & vitamins). |
| | • | Regular monitoring of PH and dissolved oxygen. |
| | | |

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





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



Dated: 02/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/17

Agro Advisory Bulletin – WEST JAINTIA HILLS (Period 3rd - 7th June, 2017)

Weather forecast valid up to 7th June, 2017

The possibility of Rainfall is 84.0mm for the next five days. Maximum Temp: 25-29°C, Minimum Temp: 17-18°C, Cloud cover: sky will be partly cloudy i.e. 4-5 Okta, Maximum RH: 93-98%, Minimum RH: 62-72%, Wind speed: 2-3 Kmph, Wind direction: East-South.

Weekly cumulative rainfall: 84.0mm

Ash Gourd &

Pumpkin

Vegetative stage

C & RD BLOCK MAP OF MEGHALAYA

92°30'0"E Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ Pest/Diseases **Agricultural Advisories** Stage Animal /Fisheries Sali/Kharif Rice Nursery/Main field Nursery preparation Start preparing raised nursery bed of size 10m (length) × preparation 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bayistin 50WP @ 2g/l with water for BANGLADESH 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in SCALE 1: 1,350,0 lowland and 15-20 cm in upland. As sufficient moisture STATE GIS LAB. (MEGHALAYA) is available due to heavy rain in the previous days, farmers should start ploughing of their main field Weeding, top dressing of urea @ 44kg/ha for HYV and Maize Emergence/ Knee High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Vegetative stage Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may

be raised for proper growth.

be raised for proper growth.

Mulching with locally available materials like straw,

Support of bamboo structure for climbing upward may

grasses may be done to reduce evaporation loses.





| Brinjal/Chilli | Vegetative stage | | • Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to |
|------------------------|--|---|---|
| | | | reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | • Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. |
| TD 4 | XX | | Weeding operation may be carried out. |
| Tomato | Vegetative stage | | • Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. |
| Curina Datata | Vagatativa ataga | | Stake the plants with 1m tall stake. |
| Spring Potato | Vegetative stage | & RD BLOCK MAP OF N | Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight. IEGHALAYA IEGHALAYA |
| Khasi Mandarin 90°0'0' | Fruit Setting | 91°0'0"E 91°30'0"E | 92°0'0"E 92°30'0"E 93°0'0"E |
| 26'30'0"N- | Trunc Becuming | | Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l) |
| Animal Sciences | ASSAM | | ASSAM |
| Poultry 26 TOWN- | All stages |) | • Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. |
| 25°30'0"N- | BADERICAN BADERICAN BADERICAN CONCERNA CON | MANAGETRADI HODGSTOR MONTAGERANIAN WEST IGHASI HILLS | Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for |
| 25°0'0'N- | DAU DONOR NO HICLS ROPESH | Coccidiosis | 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. |
| | | Ranikhet disease | Vaccinate the poultry birds with F1/ Lasota vaccine (1) |
| | | Tummiet discuse | drop) at the age of 4-7 days old and 35 days old through eye and nostril. |
| | GIS LAB. All stages | SCALE 1: 1,350,0 15 30 60 | 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 |
| 90°0'0"8 | 90°30°0′′E | 91°0'0"E 91°30'0"E | FMD vaccine once in a year. • Iron supplementation in piglet to prevent from piglet anaemia during 1 st week of age. |
| | | Skin infection | Provide Ivermectin (Injection) @ 10mg/33kg body wt. |
| Cattle & Buffaloes | 6-9 months calves | Brucellosis | • Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck |
| | | Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter | Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. |
| Fishery | | | |
| Common carp | Fry stage/Advance fry | | Fry stocking |



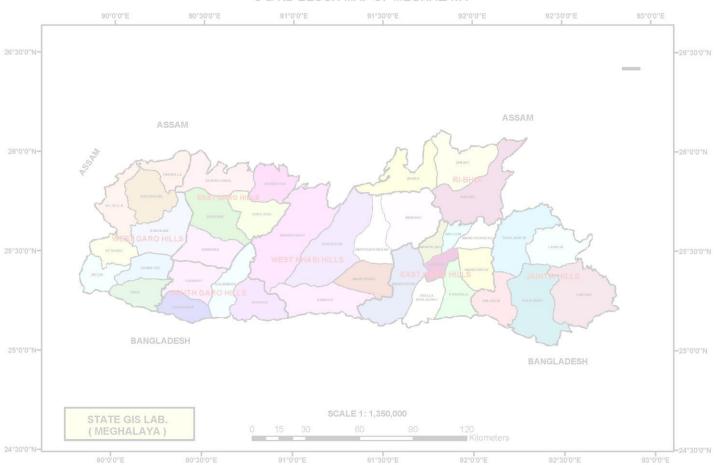
ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



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

| | | Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds. |
|--------------------------|----------|---|
| Major Carp/Minor Carp | Brooders | Brood stock maintenance Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen. |

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





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



Dated: 02/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/17

Agro Advisory Bulletin – WEST KHASI HILLS (Period 3rd - 7th June, 2017)

Weather forecast valid up to 7th June, 2017

The possibility of Rainfall is 73.0mm for the next five days. Maximum Temp: 24-28°C, Minimum Temp: 13-14°C, Cloud cover: sky will be partly cloudy i.e. 4-5 Okta, Maximum RH: 92-98%, Minimum RH: 65-74%, Wind speed: 4-5 Kmph, Wind direction: Northeast-Southeast.

Weekly cumulative rainfall: 73.0mm

Ash Gourd &

Pumpkin

Vegetative stage

C & RD BLOCK MAP OF MEGHALAYA

92°30'0"E Agro meteorological Advisories for coming 5 days Make proper drainage in the crop fields Main Crop/ Pest/Diseases **Agricultural Advisories** Stage Animal /Fisheries Sali/Kharif Rice Nursery/Main field Nursery preparation Start preparing raised nursery bed of size 10m (length) × preparation 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bayistin 50WP @ 2g/l with water for BANGLADESH 24hr to protect the crop from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in SCALE 1: 1,350,0 lowland and 15-20 cm in upland. As sufficient moisture STATE GIS LAB. (MEGHALAYA) is available due to heavy rain in the previous days, farmers should start ploughing of their main field. Weeding, top dressing of urea @ 44kg/ha for HYV and Maize Emergence/ Knee High & Mid altitude high stage 33Kg for local varieties followed by earthing up should Region be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. **Bottle Gourd** Vegetative stage Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may

be raised for proper growth.

be raised for proper growth.

Mulching with locally available materials like straw,

Support of bamboo structure for climbing upward may

grasses may be done to reduce evaporation loses.





| | T | T | |
|--------------------|--|---------------------|---|
| Brinjal/Chilli | Vegetative stage | | • Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | • Manuring & fertilizer: Apply ½ dose of Urea at 40 |
| | | | DAP. |
| | | | Weeding operation may be carried out. |
| Tomato | Vegetative stage | | • Top dressing of N (5g/plant) and K (5g/plant) at 45 days |
| | | | after planting. |
| | | | • Stake the plants with 1m tall stake. |
| Spring Potato | Vegetative stage | | |
| | | | Intercultural operations such as weeding may be carried |
| | | | out. Earthing up and ensure that tuber are not expose to |
| | | | sunlight. |
| | C | & RD BLOCK MAP OF I | IEGHALAYA |
| Khasi Mandarin | Fruit Setting | 91°0'0"E 91°30'0"E | 92'00'E 92'30'0'E 93'00'E |
| | | | Management of trunk borer: by collection & destruction |
| 26°30'0"N- | | | of trunk borers adults by shaking the branches at 10 days |
| | | | interval. |
| | | | • Management of fruit drop: Spray 2,4-D 15mg/l + Urea |
| | | | (10g/l) + Benomy $(1g/l)$ |
| | ASSAM | | ASSAM |
| Animal Sciences | A 11 | | |
| Poultry - | All stages | | • Protect poultry houses from extreme wind by covering |
| 8 5 | THERMALA / 1737 AC | Why & | with polythene sheets on the sheds. |
| | RESURELIMAN | LANGUTA LANGUE | • Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. |
| SELSELLA | EAST GARO HIALS | mg 14 | Litter should be changed periodically and provide clean |
| 1 | SONGEAR & RONGE | 1 1 15 | drinking water and change the water every day. |
| | ST GARO HILLS | MONOSTORM MONOSTORM | Diseased and dead birds should be immediately |
| 25°30'0"N- | SAMARUA / 3 | WEST HHASI HILLS | removed. |
| THE THE THE | GAMILEGRE A THE | / macous } | • Regularly inspect the dropings of the poultry birds for |
| 2 C | DALII GARO HILLS | 5 | any diseases symptom. |
| | CEBUANALA BORONI | Coccidiosis | Provide plenty of fresh and clean drinking water. |
| | | | Provide coccidiostatic like Amprolium @ 25-65 mg/kg |
| 27/01/01/14 | BANGLADESH | | feed once a day as a preventive measure against |
| 25°0'0"N= | | | 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 |
| D' | A 11 | SCALE 1: 1.350.0 | eye and nostril. |
| | GIS LAB. All stages | 15 30 60 | • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. |
| 24°30′0″N- | | | In epidemic areas, vaccinate 6 months old pigs with |
| 90°0'0"E | 90°30'0"E | 91°0'0"E 91°30'0"E | FMD vaccine once in a year. |
| | | | Iron supplementation in piglet to prevent from piglet |
| | | | anaemia during 1 st week of age. |
| | | Skin infection | Provide Ivermectin (Injection) @ 10mg/33kg body wt. |
| Cattle & Buffaloes | 6-9 months calves | Brucellosis | Vaccinate 6-9 months old calves with <i>Brucella abortus</i> |
| | | | cotton strain-19 @ 5ml subcutaneous on the neck |
| | | Foot & Mouth | Undertake regular immunization of cattle & buffaloes |
| | | Disease, | against Foot & Mouth disease, Haemorrhagic |
| | | Haemorrhagic | septicaemia & Black Quarter. |
| | | Septicaemia, Black | |
| TO: 1 | | Quarter | |
| Fishery | la de la composición | T | T |
| Common carp | Fry stage/Advance fry | | Fry stocking |



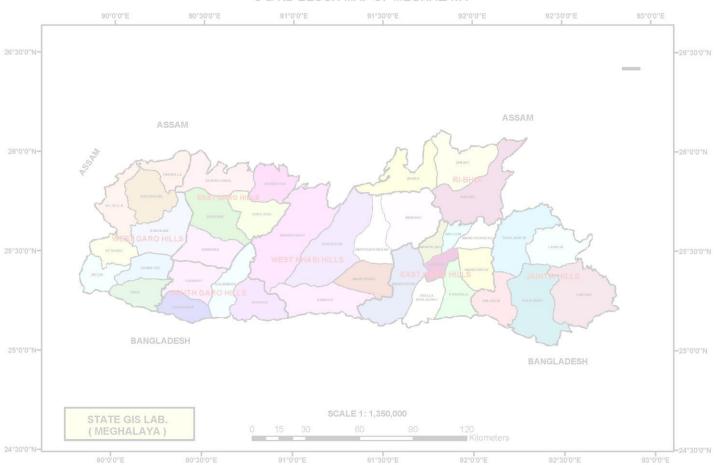
ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



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

| | | Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds. |
|--------------------------|----------|---|
| Major Carp/Minor Carp | Brooders | Brood stock maintenance Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen. |

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





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



Dated: 02/06/2017

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

RC (AE)/30/2011/ Bulletin/June'2017/17

Agro Advisory Bulletin – East Garo Hills (Period 3rd - 7th June, 2017)

Weather summery of the past five days

Weather forecast valid up to 7th June, 2017

Sky was partly cloudy with 59.0mm rainfall. Maximum temperatures ranged between 26-30°C and minimum ranged between 17-19°C. Relative humidity was 96-98% in morning and 61-79% in evening. Wind speed ranged between: 4-6kmph.

The possibility of Rainfall is 41.0mm for the next five days. Maximum Temp: 28-31°C, Minimum Temp: 19-21°C, Cloud cover: sky will be mainly cloudy i.e. 4-5 Okta, Maximum RH: 94-98%, Minimum RH: 65-75%, Wind speed: 5-6 Kmph, Wind direction: Northeast-Southeast.

C & RD BLOCK MAP OF Weekly cumulative rainfall: 41.0mm

Agro meteorological Advisories for coming 5 days

Make proper drainage in the crop fields

| Main Crop/ Animal | Stage | Pest/Diseases | Agricultural Advisories |
|--|--|--|---|
| 26'0" /Fisheries | | m () | -26°0'0"N |
| Sali/Kharif Rice | Nursery/Main field preparation preparation PARTICLE AND PROPERTY OF THE STANDARD PROPERTY OF THE PROPERTY OF T | MODISTREE MODISTREE | Nursery preparation Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1- |
| 25°0'0"N- | CARRAGIA ANGLADESH | SCALE 1: 1,350,000 | 411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop |
| STATE GIS (MEGHAL 24*30'0"N- | 77 E C C C C C C C C C C C C C C C C C C | 30 60 90 | from blast, Sheath blight, brown spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy |
| Maize High & Mid altitude Region | Emergence/ Knee high stage | | rain in the previous days, farmers should start ploughing of their main field. • Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. |
| Bottle Gourd | Vegetative stage | | Mulching with locally available materials like straw, grasses may be done to reduce |





| | | I | |
|----------------------|---------------------------|--|---|
| | | | evaporation loses. |
| | | | • Support of bamboo structure for climbing upward may be raised for proper growth. |
| Ash Gourd & Pumpkin | Vegetative stage | | Mulching with locally available materials like |
| Asii Gouru & Lumpkin | vegetative stage | | straw, grasses may be done to reduce |
| | | | evaporation loses. |
| | | | • Support of bamboo structure for climbing |
| | | | upward may be raised for proper growth. |
| Brinjal/Chilli | Vegetative stage | | • Apply urea @108 kg/ha after hand weeding |
| | | | at 30DAT. Provide mulching materials like |
| | | | straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | • Manuring & fertilizer: Apply ½ dose of Urea |
| | C & R | D BLOCK MAP OF MEGHAL | AYA at 40 DAP. |
| 90°0'0''E | 90°30'0"E 9 | °0'0"E 91°30'0"E | Weeding operation may be carried out. |
| Tomato | Vegetative stage | | • Top dressing of N (5g/plant) and K (5g/plant) |
| 26°30'0''N- | | | at 45 days after planting. |
| | | | • Stake the plants with 1m tall stake. |
| Khasi Mandarin | Fruit Setting | | |
| | | | Management of trunk borer: by collection & |
| | 400444 | | destruction of trunk borers adults by shaking the branches at 10 days interval. |
| | ASSAM | And the state of t | Management of fruit drop: Spray 2,4-D |
| 26°0'0"N- | | MO | 15mg/l + Urea (10g/l) + Benomy (1g/l) 0000 |
| F551 | MINISTER / STANKE | F 2/1 | Tomas Tomas (Togs) + Bonomy (Tg) |
| Animal Sciences | REBURE LIMITA REBARKSITTA | Jan Com | NI-BIO |
| Poultry | All stages | 2 4 1 4 | Protect poultry houses from extreme wind by |
| 1 2 | SONGSAN ROMONING | MARRAIG } | covering with polythene sheets on the sheds. |
| -Mest | BARO HILLS | MONOSTORE (| Provide vitamin B complex @ 7ml/litre in |
| 25°30'0"N- | SAMARUA WES | ST KHASI HILLS | drinking water daily in broiler for healthy |
| ZHOZAH C | CHOKPOT | BASTY SEASTY | growth. • Litter should be change periodically and |
| DAL DAL | THE GARO HILLS | SINIA | provide clean drinking water and changed the |
| | GERMANIA | | water every day. |
| | | The state of the s | • Diseased and dead birds should be |
| 25°0'0"N- | ANGLADESH | | immediately removed. |
| 100250 CTC 000 MB | | | Regularly inspect the dropings of the poultry |
| | | | birds for any diseases symptom. |
| | | Coccidiosis | Provide plenty of fresh and clean drinking |
| STATE GIS | LAB. | SCALE 1: 1,350,000 | water. |
| (MEGHAL | | 30 60 90 | • 120 Provide coccidiostatic like Amprolium @ |
| 24°30′0″N- | | NO ONE | 25-65 mg/kg feed once a day as a preventive measure against coccidiosis. |
| 90°0'0"E | 90°30°0″E 91 | Ranikhet disease | Vaccinate the poultry birds with F1/ Lasota |
| | | | vaccine (1 drop) at the age of 4-7 days old |
| | | | and 35 days old through eye and nostril. |
| Piggery | All stages | | • Vaccinate all newly born piglets against |
| | | | swine fever at the age of 3 months followed |
| | | | by annual booster dose. |
| | | | In epidemic areas, vaccinate 6 months old price with EMD area in a great in a grea |
| | | | pigs with FMD vaccine once in a year. |
| | | | • Iron supplementation in piglet to prevent from piglet anaemia during 1 st week of age. |
| | | Skin infection | Provide Ivermectin (Injection) @ 10mg/33kg |
| | | | body wt. |
| | I. | l . | 30 u j 11u |



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| 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, Haemorrhagic Septicaemia, Black Quarter | Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. |
| Fishery | | | |
| Common carp | Fry stage/Advance fry | | Fry stocking Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds. |
| Major Carp/Minor Carp | | D BLOCK MAP OF MEGHAL | Brood stock maintenance Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). • Regular monitoring of PH and dissolved oxygen. |
| Suggestion: Contact r | nearby State Agril. Staff or | KVK staff for necessary he | , , |
| 26°0'0"N- | PASSAM RESIDENCE LIMINA ANARAST PASSAGE TO THE STANDARD T | They was | -26°0'0"N |
| 25"30"0"N- | SONGEAM NONCEAM NONCEA | MARANG MONOSTON MONOSTON | MALLIM THEORY THEORY WANDAMEN LAMINE LAMINE FEWEREA ARABITA SAPURE SAPURE |
| 25°0'0"N- | BANGLADESH | The state of the s | BANGLADESH -25°0'0"N |
| | GIS LAB. ALAYA) 0 18 | SCALE 1: 1,350,000 5 30 60 90 | 120 |

90°30'0"E

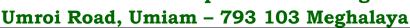
91°0'0"E

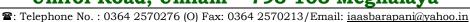
91°30'0"E

92°0'0"E



ICAR Research Complex for NEH Region





RC (AE)/30/2011/ Bulletin/June'2017/17



Dated: 02/06/2017

Agro Advisory Bulletin – EAST JAINTIA HILLS (Period 3rd - 7th June, 2017)

Weather forecast valid up to 7th June, 2017

The possibility of Rainfall is 74.0mm for the next five days. Maximum Temp: 25-29°C, Minimum Temp: 17-19°C, Cloud cover: sky will be partly cloudy i.e. 4-5 Okta, Maximum RH: 95-99%, Minimum RH: 68-82%, Wind speed: 2-4 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 74.0mm

C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days

| | drainage in the crop fic | | |
|------------------------|---------------------------|---|--|
| Main Crop/ | Stage | Pest/Diseases | Agricultural Advisories |
| Animal /Fisheries | ASSAM | | st and |
| Sali/Kharif Rice | Nursery/Main field | 1 | Nursery preparation -26°0'0'N |
| 85 | preparation | m & | • Start preparing raised nursery bed of size 10m (length) × |
| | RESURELIMAN EN | Ten Ten | $1.25m$ (width) \times 10cm (height) with 30cm wide channel |
| SELSEILA | PARENCONI EAST GARO HIALS | of Will | between the two seed beds. Apply cow dung or compost |
| 1 | SONGERM T ROMGEN | 171 | @10-15kg/seed bed plus a starter dose of urea 80g, SSP |
| | GARO HILLS | Management / | 225g, MOP 40g per seed bed. Sow HYV's like |
| 25°30'0"N- | SAMAHUA SAMAHUA | MONGSTON MANTHAD RAISHAN | Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, |
| 1 / h | CAMBI-CITE CAMBI-CITE | WEST KHASI HILLS | Manipuri, etc maintaining a seed rate of 650-1000g/ bed |
| 2 | CHOKPOT | A summer of | (Nursery area of 500-600 sqm. is sufficient for |
| | BALL BONDA RONDA | NAMES AND A STATE OF THE STATE | transplanting of 1ha). |
| | - Aller | I when | Before sowing seeds should be treated with Mancozeb |
| | BANGLADESH | | @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for |
| 25°0'0"N- | 10 (11 Call (10 11 Call) | | 24hr to protect the crop from blast, Sheath blight, brown |
| | | | spot, sheath rot, etc. |
| | | | Main field preparation |
| | | | • Penair old hunds by maintaining 20.30 cm height in |
| | GIS LAB. | SCALE 1: 1,350,00 | lowland and 15-20 cm in upland. As sufficient moisture |
| (MEGH | ALAYA) | 15 30 60 | is available due to heavy rain in the previous days, |
| 24°30'0"N- | 00-30-01-E | 01*010"E 01*30'0"E | farmers should start ploughing of their main field. |
| Maize | Emergence/ Knee | 01000 | Weeding, top dressing of urea @ 44kg/ha for HYV and |
| High & Mid altitude | high stage | | 33Kg for local varieties followed by earthing up should |
| Region | | | be done at 30-40 DAG. Mulches like straw, grasses can |
| | | | be provided in between the rows to reduce evaporation |
| D 41 G 1 | XX | | loses of moisture. |
| Bottle Gourd | Vegetative stage | | Mulching with locally available materials like straw, |
| | | | grasses may be done to reduce evaporation loses. |
| | | | Support of bamboo structure for climbing upward may be reject for proper growth. |
| Ash Gourd & | Vegetative stage | | be raised for proper growth. Mulching with locally available materials like straw. |
| Asn Gourd & Pumpkin | v egetative stage | | • Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. |
| ı umpam | | | Support of bamboo structure for climbing upward may |
| | | | be raised for proper growth. |
| | L | L | oc raised for proper growth. |





| | | T | |
|---|---|---|---|
| Brinjal/Chilli | Vegetative stage | | • Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmeric | Vegetative stage | | • Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. |
| | | | Weeding operation may be carried out. |
| Tomato | Vegetative stage | | Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. Stake the plants with 1m tall stake. |
| Spring Potato | Vegetative stage | | |
| • 0 | | RD BLOCK MAP OF N | Intercultural operations such as weeding may be carried out. Earthing up and ensure that tuber are not expose to sunlight. EGHALAYA |
| Khasi Mandarin 90°0'0" | Fruit Setting | 91°0'0"E 91°30'0"E | 92°0'0''E 92°30'0''E 93°0'0''E |
| 26'30'0"N- | Trutt Seeining | | Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l) |
| Animal Sciences | ASSAM | | ASSAM |
| Poultry 25°30'0"N- 25°30'0"N- Piggery STATE | All stages PACT RIGIDAL SANAMIA CAMPILIAN CAMPILIAN | Coccidiosis Ranikhet disease SCALE 1: 1,350,000 15 30 60 | the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with |
| | | Skin infection | anaemia during 1st week of age. Provide Ivermectin (Injection) @ 10mg/33kg body wt. |
| Cattle & Buffaloes | 6-9 months calves | Brucellosis | Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck |
| E*-1 | | Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter | Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. |
| Fishery | I | T | |
| Common carp | Fry stage/Advance fry | | Fry stocking |



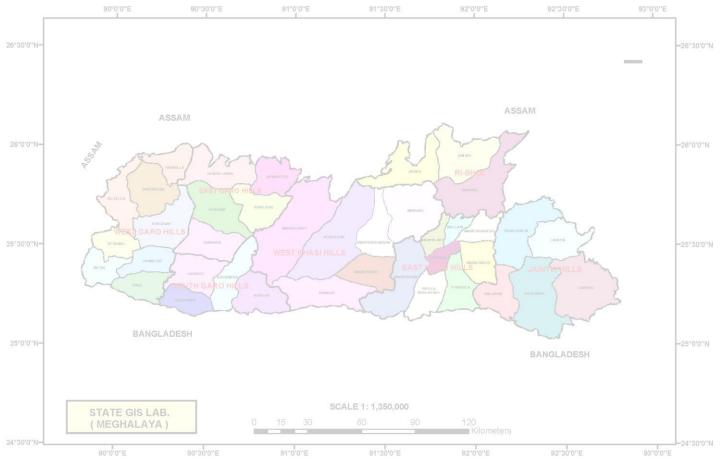
ICAR Research Complex for NEH Region Umroi Road, Umiam - 793 103 Meghalaya



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| | | Once Common carp fry attained (5-6cm) it can be harvest and transferred to rearing ponds. |
|--------------------------|----------|---|
| Major Carp/Minor Carp | Brooders | Brood stock maintenance Provide sufficient feed to the brooder for proper egg development (Rice bran, mustard oil cake, fish meal, minerals & vitamins). Regular monitoring of PH and dissolved oxygen. |

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





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



Dated: 02/06/2017

92°30'0"E

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

RC (AE)/30/2011/ Bulletin/June 2017/17

Agro Advisory Bulletin – EAST KHASI HILLS (Period 3rd - 7th June, 2017)

Weather forecast valid up to 7th June, 2017

The possibility of Rainfall is 103.0mm for the next five days. Maximum Temp: 24-26°C, Minimum Temp: 14-15°C, Cloud cover: sky will be mainly cloudy i.e. 5-6 Okta, Maximum RH: 93-98%, Minimum RH: 66-77%, Wind speed: 4-5 Kmph, Wind direction: East-Southeast.

Weekly cumulative rainfall: 103.0mm C & RD BLOCK MAP OF MEGHALAYA

Agro meteorological Advisories for coming 5 days —

Agro meteorological Advisories for coming 5 days

| Main Crop/ Animal /Fisheries | Stage | Pest/Diseases | Agricultural Advisories |
|--|--|--|---|
| Animal /Fisheries Sali/Kharif Rice | Nursery/Main field preparation PRACE DESCRIPTION EAST TOPE OF HILS DENICOR DESCRIPTION EAST TOPE OF HILS DEN | MODEST IGHA SI HILLS WEST IGHA SI HILLS WANTED TO THE STATE OF THE S | Nursery preparation Start preparing raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 30cm wide channel between the two seed beds. Apply cow dung or compost @10-15kg/seed bed plus a starter dose of urea 80g, SSP 225g, MOP 40g per seed bed. Sow HYV's like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc maintaining a seed rate of 650-1000g/ bed (Nursery area of 500-600 sqm. is sufficient for transplanting of 1ha). Before sowing seeds should be treated with Mancozeb @ 2.5g/litre or Bavistin 50WP @ 2g/l with water for 24hr to protect the crop from blast, Sheath blight, brown |
| | GIS LAB. ALAYA) | SCALE 1: 1,350,0 15 30 60 91°00"E 91°30"" | spot, sheath rot, etc. Main field preparation Repair old bunds by maintaining 20-30 cm height in lowland and 15-20 cm in upland. As sufficient moisture is available due to heavy rain in the previous days, farmers should start ploughing of their main field. |
| Maize High & Mid altitude Region | Emergence/ Knee high stage | | Weeding, top dressing of urea @ 44kg/ha for HYV and 33Kg for local varieties followed by earthing up should be done at 30-40 DAG. Mulches like straw, grasses can be provided in between the rows to reduce evaporation loses of moisture. |
| Bottle Gourd | Vegetative stage | | Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. Support of bamboo structure for climbing upward may be raised for proper growth. |
| Ash Gourd & Pumpkin | Vegetative stage | | • Mulching with locally available materials like straw, grasses may be done to reduce evaporation loses. |





| | | | | • Support of bamboo structure for climbing upward may be raised for proper growth. |
|-----------------------|--|---|---|--|
| Brinjal/Chilli | | Vegetative stage | | Apply urea @108 kg/ha after hand weeding at 30DAT. Provide mulching materials like straw, grasses, etc to reduce evaporation loses. |
| Ginger/Turmer | ric | Vegetative stage | | Manuring & fertilizer: Apply ½ dose of Urea at 40 DAP. Weeding operation may be carried out. |
| Tomato | | Vegetative stage | | • Top dressing of N (5g/plant) and K (5g/plant) at 45 days after planting. |
| Spring Potato | | Vegetative stage | | Stake the plants with 1m tall stake. |
| Spring rotato | 90°0'0' | C 6 | 2 RD BLOCK MAP OF N | • Intercultural operations such as weeding may be carried legiout. Earthing up and ensure that tuber are not expose to sunlight, or a symmetry of the symmetry |
| | | | | ouring |
| Khasi Mandari | in | Fruit Setting ASSAM | | Management of trunk borer: by collection & destruction of trunk borers adults by shaking the branches at 10 days interval. Management of fruit drop: Spray 2,4-D 15mg/l + Urea (10g/l) + Benomy (1g/l) |
| Animal Science | S | | | -26°0'0"N |
| 25°30'0"N= | SELSELLA SEL | DATE HOLDS BANGLAME CAMELORE CHORPOT BANGLAME CAMELORE CHORPOT BANGLAME CAMELORE CHORPOT BANGLAME BANGLADESH BANGLADESH | WEST ISHASI HILLS Coccidiosis | Protect poultry houses from extreme wind by covering with polythene sheets on the sheds. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed. Regularly inspect the dropings of the poultry birds for any diseases symptom. Provide plenty of fresh and clean drinking water. Provide coccidiostatic like Amprolium @ 25-65 mg/kg feed once a day as a preventive measure against |
| | | | Ranikhet disease | coccidiosis. Vaccinate the poultry birds with F1/ Lasota vaccine (1 |
| | STATE | GIS LAB. | SCALE 1: 1,350,0 | 1, 5 |
| Diagram | | ALAYA) 0 | 15 30 60 | 90 eye and nostril. |
| Piggery | 90°0'0"E | All stages | 91°30'0"E 91°30'0"E | Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. In epidemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age. |
| | | | Skin infection | • Provide Ivermectin (Injection) @ 10mg/33kg body wt. |
| Cattle & Buffal | loes | 6-9 months calves | Brucellosis | • Vaccinate 6-9 months old calves with <i>Brucella abortus</i> cotton strain-19 @ 5ml subcutaneous on the neck |
| | | | Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter | Undertake regular immunization of cattle & buffaloes against Foot & Mouth disease, Haemorrhagic septicaemia & Black Quarter. |



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



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

| Fishery | | |
|------------------|-----------------------|---|
| Common carp | Fry stage/Advance fry | Fry stocking |
| | | Once Common carp fry attained (5-6cm) it can be |
| | | harvest and transferred to rearing ponds. |
| Major Carp/Minor | Brooders | Brood stock maintenance |
| Carp | | Provide sufficient feed to the brooder for proper egg |
| | | development (Rice bran, mustard oil cake, fish |
| | | meal, minerals & vitamins). |
| | | Regular monitoring of PH and dissolved oxygen. |

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

