



**ICAR RESEARCH COMPLEX FOR NEH
REGION, UMROI ROAD, BARAPANI UMIAM,
MEGHALAYA**



**AAS BULLETIN FOR RI BHOI DISTRICT
AMFU, AGRICULTURAL RESEARCH
STATION**

Bulletin No:	0076/2015/3446	Period:	08/09/2015 to 12/09/2015
Issued On: 08/09/2015			

Weather condition of last four days

Station Name	Rainfall (mm)	Max Temprature (°C)	Min Temprature (°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)

Weather forecast for next five days in RI BHOI district

	Rainfall (mm)	Max Temprature(°C)	Min Temprature(°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)
09/09	0	32	22	7	93	54	3	157
10/09	0	32	22	8	93	55	2	145
11/09	6	30	22	8	98	78	2	136
12/09	4	31	23	8	97	71	3	171
13/09	4	32	23	8	97	64	3	166

Weather summary of the preceding week	Weather forecast valid
	Light rains may occur. Next week, the minimum and maximum temperature range between 22.0-23.0 and 30.0-32.0 Deg.C. The minimum and maximum relative humidity range between 54.0-78.0 and 93.0-98.0 %. South-Eastern winds blow at a speed of 2.0-3.0 kmph

General Advisory

Continue sowing of pea and french bean; nursery preparation of tomato, cauliflower in high altitude regions. Inter cultivation activities like fertilizer application & plant protection measures may be done now as there may be clear sky in the next coming days.

Crop Advisory

S.NO.	Crop	Stage /Condition	Variety	Agro-Met Advisory

1	CAULIFLOWER	Transplanting		Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting.
2	GROUNDNUT (PEA NUT/MUNG PHALLI)	Pod Formation to Pod Development		Weeding followed by earthing up may be done now to promote easy penetration of pegs into soil. Present warm weather with intermittent rain is congenial for the development of leaf spot in groundnut. Spray carbendazim (0.05%) + mancozeb (0.2%) at 2-3 weeks intervals after the current spell of rain if dark spots are seen on the leaf. For control of major insect pests spray phosphamidon 100 EC @ 0.5 ml/ litre of water. Spraying should not be done during rainy days.
3	PADDY (DHAN)	Active Tillering to Panicle Initiation		Farmers are advised to keep the rice field free from weeds and repair field bunds to reserve water in the paddy field.
4	PEAS (FIELD PEAS/ GARDEN PEAS/MATAR)	Sowing to Vegetative Growth		Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. are Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
5	PIGEON PEA (RED GRAM/ARHAR)	Vegetative Growth		Continue sowing of red gram var. UPAS-120, ICPL 87 (short duration), WB 20, Pusa 9 & Sarita (long duration). For early sown crop, give one hand weeding at 25- 30 DAS.
6	SOYBEAN (BHAT)	Flowering to Fruit Setting		Due to cloudy weather and high relative humidity in the past few days, there is possibility for development of rust in the field. If rust spot are seen farmers are advised to spray Hexaconazole or Propiconazole@ 0.1%. First spray at the time of appearance of rust followed by subsequent sprays at 15 days.
7	TOMATO	Nursery Preparation		Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. Seeds treatment should be done with Trichoderma @ 5-10 g/Kg seed or

				carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in 1.5 cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required. After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
8	TURMERIC ,GINGER	Rhizome initiation to development stage		Undertake weeding and 2nd top dressing of urea @ 81 kg/ha and MOP@ 42 kg/ha at 90 DAS followed by earthing up. For management of Leaf Spot disease, apply Bordeaux mixture (5:5:50) after 4-5weeks of sowing or Captan @ 1.5 g/l of water. Spray/ drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent rhizome rot.
9	Cattle			Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck against Brucellosis.
10	Poultry			High relative humidity with warm weather is favorable for the development of Coccidiosis in the chicken so farmers are advised to avoid dampness in the deep litter and provide turmeric powder @ 10g/kg feed for prevention of coccidioidosis.



**ICAR RESEARCH COMPLEX FOR NEH
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**AAS BULLETIN FOR SOUTH GARO
HILLS DISTRICT**

**AMFU, AGRICULTURAL RESEARCH
STATION**

Bulletin No:	0076/2015/3446	Period:	08/09/2015 to 12/09/2015
Issued On: 08/09/2015			

Weather condition of last four days

Station Name	Rainfall (mm)	Max Temprature (°C)	Min Temprature (°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)
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Weather forecast for next five days in SOUTH GARO HILLS district

	Rainfall(mm)	Max Temprature (°C)	Min Temprature (°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)
09/09	0	34	25	7	90	58	6	99
10/09	0	35	25	7	86	56	4	94
11/09	0	32	25	8	90	64	2	186
12/09	7	34	26	7	90	62	4	145
13/09	5	34	25	7	93	61	4	181

Weather summary of the preceding week	Weather forecast valid
	Possibility of light rain at one or two places. Next week, the minimum and maximum temperature range between 25.0-26.0 and 32.0-35.0 Deg.C. The minimum and maximum relative humidity range between 56.0-64.0 and 86.0-93.0 %. South-Eastern winds blow at a speed of 2.0-6.0 kmph

General Advisory

Continue sowing of pea and french bean; nursery preparation of tomato, cauliflower in high altitude regions. Inter cultivation activities like fertilizer application & plant protection measures may be done now as there may be clear sky in the next coming days.

Crop Advisory

S.NO.	Crop	Stage	Variety	Agro-Met Advisory

		/Condition		
1	CAULIFLOWER	Transplanting		Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting.
2	GROUNDNUT (PEA NUT/MUNG PHALLI)	Pod Formation to Pod Development		Weeding followed by earthing up may be done now to promote easy penetration of pegs into soil. Present warm weather with intermittent rain is congenial for the development of leaf spot in groundnut. Spray carbendazim (0.05%) + mancozeb (0.2%) at 2-3 weeks intervals after the current spell of rain if dark spots are seen on the leaf. For control of major insect pests spray phosphamidon 100 EC @ 0.5 ml/ litre of water. Spraying should not be done during rainy days.
3	PADDY (DHAN)	Active Tillering to Panicle Initiation		Farmers are advised to keep the rice field free from weeds and repair field bunds to reserve water in the paddy field.
4	PEAS (FIELD PEAS/ GARDEN PEAS/MATAR)	Sowing to Vegetative Growth		Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. are Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
5	PIGEON PEA (RED GRAM/ARHAR)	Vegetative Growth		Continue sowing of red gram var. UPAS-120, ICPL 87 (short duration), WB 20, Pusa 9 & Sarita (long duration). For early sown crop, give one hand weeding at 25- 30 DAS.
6	SOYBEAN (BHAT)	Flowering to Fruit Setting		Due to cloudy weather and high relative humidity in the past few days, there is possibility for development of rust in the field. If rust spot are seen farmers are advised to spray Hexaconazole or Propiconazole@ 0.1%. First spray at the time of appearance of rust followed by subsequent sprays at 15 days.
7	TOMATO	Nursery Preparation		Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. Seeds treatment should be done

				with with Trichoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in $\frac{1}{2}$ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required. After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
8	TURMERIC ,GINGER	Rhizome initiation to development		Undertake weeding and 2nd top dressing of urea @ 81 kg/ha and MOP@ 42 kg/ha at 90 DAS followed by earthing up. For management of Leaf Spot disease, apply Bordeaux mixture (5:5:50) after 4-5 weeks of sowing or Captan @ 1.5 g/l of water. Spray/ drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent rhizome rot.
9	Cattle			Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck against Brucellosis.
10	Poultry			High relative humidity with warm weather is favorable for the development of Coccidiosis in the chicken so farmers are advised to avoid dampness in the deep litter and provide turmeric powder @ 10g/kg feed for prevention of coccidiosis.



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**AAS BULLETIN FOR WEST GARO HILLS
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**AMFU,AGRICULTURAL RESEARCH
STATION**

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Weather condition of last four days

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Weather forecast for next five days in WEST GARO HILLS district

	Rainfall (mm)	Max Temprature(°C)	Min Temprature(°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)
09/09	0	34	25	6	90	55	6	84
10/09	0	35	25	6	88	54	4	91
11/09	0	33	25	8	89	58	3	131
12/09	4	34	25	7	90	61	4	155
13/09	6	33	25	7	91	63	4	192

Weather summary of the preceding week	Weather forecast valid
	Possibility of light rain at one or two places.Next week,the minimum and maximum temperature range between25.0-25.0 and 33.0-35.0 Deg.C.The minimum and maximum relative humidity range between 54.0-63.0 and 88.0-91.0 %.Eastern winds blow at a speed of3.0-6.0 kmph

General Advisory

Continue sowing of pea and french bean; nursery preparation of tomato, cauliflower in high altitude regions. Inter cultivation activities like fertilizer application & plant protection measures may be done now as there may be clear sky in the next coming days.

Crop Advisory

S.NO.	Crop	Stage	Variety	Agro-Met Advisory

		/Condition		
1	CAULIFLOWER	Transplanting		Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting.
2	GROUNDNUT (PEA NUT/MUNG PHALLI)	Pod Formation to Pod Development		Weeding followed by earthing up may be done now to promote easy penetration of pegs into soil. Present warm weather with intermittent rain is congenial for the development of leaf spot in groundnut. Spray carbendazim (0.05%) + mancozeb (0.2%) at 2-3 weeks intervals after the current spell of rain if dark spots are seen on the leaf. For control of major insect pests spray phosphamidon 100 EC @ 0.5 ml/ litre of water. Spraying should not be done during rainy days.
3	PADDY (DHAN)	Active Tillering to Panicle Initiation		Farmers are advised to keep the rice field free from weeds and repair field bunds to reserve water in the paddy field.
4	PEAS (FIELD PEAS/ GARDEN PEAS/MATAR)	Sowing to Vegetative Growth		Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. are Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
5	PIGEON PEA (RED GRAM/ARHAR)	Vegetative Growth		Continue sowing of red gram var. UPAS-120, ICPL 87 (short duration), WB 20, Pusa 9 & Sarita (long duration). For early sown crop, give one hand weeding at 25- 30 DAS.
6	SOYBEAN (BHAT)	Flowering to Fruit Setting		Due to cloudy weather and high relative humidity in the past few days, there is possibility for development of rust in the field. If rust spot are seen farmers are advised to spray Hexaconazole or Propiconazole@ 0.1%. First spray at the time of appearance of rust followed by subsequent sprays at 15 days.
7	TOMATO	Nursery Preparation		Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. Seeds treatment should be done

				with with Trichoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in $\frac{1}{2}$ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required. After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
8	TURMERIC ,GINGER	Rhizome initiation to development		Undertake weeding and 2nd top dressing of urea @ 81 kg/ha and MOP@ 42 kg/ha at 90 DAS followed by earthing up. For management of Leaf Spot disease, apply Bordeaux mixture (5:5:50) after 4-5 weeks of sowing or Captan @ 1.5 g/l of water. Spray/ drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent rhizome rot.
9	Cattle			Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck against Brucellosis.
10	Poultry			High relative humidity with warm weather is favorable for the development of Coccidiosis in the chicken so farmers are advised to avoid dampness in the deep litter and provide turmeric powder @ 10g/kg feed for prevention of coccidiosis.



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**AAS BULLETIN FOR WEST JAINTA
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**AMFU, AGRICULTURAL RESEARCH
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Weather condition of last four days

Station Name	Rainfall (mm)	Max Temprature (°C)	Min Temprature (°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)
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Weather forecast for next five days in WEST JAINTA HILLS district

	Rainfall (mm)	Max Temprature (°C)	Min Temprature (°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)
09/09	0	32	23	8	96	60	2	140
10/09	3	32	23	8	94	59	3	152
11/09	5	30	23	8	98	79	2	129
12/09	6	32	23	7	97	62	2	158
13/09	8	32	23	8	96	61	2	131

Weather summary of the preceding week	Weather forecast valid
	Light rains may occur. Next week, the minimum and maximum temperature range between 23.0-32.0 and 30.0-32.0 Deg.C. The minimum and maximum relative humidity range between 59.0-79.0 and 94.0-98.0 %. South-Eastern winds blow at a speed of 2.0-3.0 kmph

General Advisory

Continue sowing of pea and french bean; nursery preparation of tomato, cauliflower in high altitude regions. Inter cultivation activities like fertilizer application & plant protection measures may be done now as there may be clear sky in the next coming days.

Crop Advisory

S.NO.	Crop	Stage	Variety	Agro-Met Advisory

		/Condition		
1	CAULIFLOWER	Transplanting		Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting.
2	GROUNDNUT (PEA NUT/MUNG PHALLI)	Pod Formation to Pod Development		Weeding followed by earthing up may be done now to promote easy penetration of pegs into soil. Present warm weather with intermittent rain is congenial for the development of leaf spot in groundnut. Spray carbendazim (0.05%) + mancozeb (0.2%) at 2-3 weeks intervals after the current spell of rain if dark spots are seen on the leaf. For control of major insect pests spray phosphamidon 100 EC @ 0.5 ml/ litre of water. Spraying should not be done during rainy days.
3	PADDY (DHAN)	Active Tillering to Panicle Initiation		Farmers are advised to keep the rice field free from weeds and repair field bunds to reserve water in the paddy field.
4	PEAS (FIELD PEAS/ GARDEN PEAS/MATAR)	Sowing to Vegetative Growth		Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. are Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
5	PIGEON PEA (RED GRAM/ARHAR)	Vegetative Growth		Continue sowing of red gram var. UPAS-120, ICPL 87 (short duration), WB 20, Pusa 9 & Sarita (long duration). For early sown crop, give one hand weeding at 25- 30 DAS.
6	SOYBEAN (BHAT)	Flowering to Fruit Setting		Due to cloudy weather and high relative humidity in the past few days, there is possibility for development of rust in the field. If rust spot are seen farmers are advised to spray Hexaconazole or Propiconazole@ 0.1%. First spray at the time of appearance of rust followed by subsequent sprays at 15 days.
7	TOMATO	Nursery Preparation		Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. Seeds treatment should be done

				with with Trichoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in $\frac{1}{2}$ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required. After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
8	TURMERIC ,GINGER	Rhizome initiation to development		Undertake weeding and 2nd top dressing of urea @ 81 kg/ha and MOP@ 42 kg/ha at 90 DAS followed by earthing up. For management of Leaf Spot disease, apply Bordeaux mixture (5:5:50) after 4-5 weeks of sowing or Captan @ 1.5 g/l of water. Spray/ drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent rhizome rot.
9	Cattle			Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck against Brucellosis.
10	Poultry			High relative humidity with warm weather is favorable for the development of Coccidiosis in the chicken so farmers are advised to avoid dampness in the deep litter and provide turmeric powder @ 10g/kg feed for prevention of coccidiosis.



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**AAS BULLETIN FOR WEST KHASI HILLS
DISTRICT**



**AMFU, AGRICULTURAL RESEARCH
STATION**

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Issued On: 08/09/2015			

Weather condition of last four days

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Weather forecast for next five days in WEST KHASI HILLS district

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General Advisory

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Crop Advisory

S.NO.	Crop	Stage	Variety	Agro-Met Advisory

		/Condition		
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3	PADDY (DHAN)	Active Tillering to Panicle Initiation		Farmers are advised to keep the rice field free from weeds and repair field bunds to reserve water in the paddy field.
4	PEAS (FIELD PEAS/ GARDEN PEAS/MATAR)	Sowing to Vegetative Growth		Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. are Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
5	PIGEON PEA (RED GRAM/ARHAR)	Vegetative Growth		Continue sowing of red gram var. UPAS-120, ICPL 87 (short duration), WB 20, Pusa 9 & Sarita (long duration). For early sown crop, give one hand weeding at 25- 30 DAS.
6	SOYBEAN (BHAT)	Flowering to Fruit Setting		Due to cloudy weather and high relative humidity in the past few days, there is possibility for development of rust in the field. If rust spot are seen farmers are advised to spray Hexaconazole or Propiconazole@ 0.1%. First spray at the time of appearance of rust followed by subsequent sprays at 15 days.
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**AAS BULLETIN FOR EAST GARO HILLS
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**AMFU,AGRICULTURAL RESEARCH
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Weather condition of last four days

Station Name	Rainfall (mm)	Max Temprature (°C)	Min Temprature (°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)

Weather forecast for next five days in EAST GARO HILLS district

	Rainfall (mm)	Max Temprature(°C)	Min Temprature(°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)
09/09	0	34	25	6	89	54	5	113
10/09	0	35	25	7	87	53	4	89
11/09	0	33	25	8	92	64	2	180
12/09	6	34	25	7	91	60	4	158
13/09	11	34	25	7	93	62	4	184

Weather summary of the preceding week	Weather forecast valid
	Light rains may occur.Next week,the minimum and maximum temperature range between 25.0-25.0 and 33.0-35.0 Deg.C.The minimum and maximum relative humidity range between 53.0-64.0 and 87.0-93.0 %.Eastern winds blow at a speed of 2.0-5.0 kmph

General Advisory

Continue sowing of pea and french bean; nursery preparation of tomato, cauliflower in high altitude regions. Inter cultivation activities like fertilizer application & plant protection measures may be done now as there may be clear sky in the next coming days.

Crop Advisory

S.NO.	Crop	Stage	Variety	Agro-Met Advisory

		/Condition		
1	CAULIFLOWER	Transplanting		Start transplant of 3- 5 weeks old seedlings at a spacing of 60 cm row to row & 45 cm plant to plant. Apply urea @130 kg/ha, MOP @50 kg/ha & SSP @500 kg/ha at the time of transplanting.
2	GROUNDNUT (PEA NUT/MUNG PHALLI)	Pod Formation to Pod Development		Weeding followed by earthing up may be done now to promote easy penetration of pegs into soil. Present warm weather with intermittent rain is congenial for the development of leaf spot in groundnut. Spray carbendazim (0.05%) + mancozeb (0.2%) at 2-3 weeks intervals after the current spell of rain if dark spots are seen on the leaf. For control of major insect pests spray phosphamidon 100 EC @ 0.5 ml/ litre of water. Spraying should not be done during rainy days.
3	PADDY (DHAN)	Active Tillering to Panicle Initiation		Farmers are advised to keep the rice field free from weeds and repair field bunds to reserve water in the paddy field.
4	PEAS (FIELD PEAS/ GARDEN PEAS/MATAR)	Sowing to Vegetative Growth		Continue sowing of pea in high altitude. Avoid late sowing of pea to escape the incidence of Rust. Use only recommended var. are Arkel (for vegetables), TRC P8, TRC P9, Prakash, Rachna. Maintain a seed rate of 60 kg is required for 1 ha at a spacing of 20-25 cm between rows & 3-5 cm plant to plant. Apply recommended dose of fertilizer, NPK - 20:60:40 kg/ha (44kg Urea, 375 kg SSP & 67 kg MOP). Apply all doses of fertilizers at the time of sowing.
5	PIGEON PEA (RED GRAM/ARHAR)	Vegetative Growth		Continue sowing of red gram var. UPAS-120, ICPL 87 (short duration), WB 20, Pusa 9 & Sarita (long duration). For early sown crop, give one hand weeding at 25- 30 DAS.
6	SOYBEAN (BHAT)	Flowering to Fruit Setting		Due to cloudy weather and high relative humidity in the past few days, there is possibility for development of rust in the field. If rust spot are seen farmers are advised to spray Hexaconazole or Propiconazole@ 0.1%. First spray at the time of appearance of rust followed by subsequent sprays at 15 days.
7	TOMATO	Nursery Preparation		Prepare raised nursery bed of height of 15 cm, 1m width and length of convenient length. For 1 sq.m apply 5kg well rotten FYM and 20 g of each N, P & K fertiliser, & also apply 2.5g carbofuran or 200 g of neem cake. Seeds treatment should be done

				with with Trichoderma @ 5-10 g/Kg seed or carbendazim 2g/Kg seed to avoid damping off disease. Dry the treated seeds in shade for 30 minutes and then sown sparsely along the lines in $\frac{1}{2}$ cm depth and then covered by the topsoil. Seed rate: 400 - 500 g/ha seeds are required. After sowing, mulch with green leaves and irrigate with a rose-can daily in the morning. Remove the mulch immediately after germination of the seeds.
8	TURMERIC ,GINGER	Rhizome initiation to development		Undertake weeding and 2nd top dressing of urea @ 81 kg/ha and MOP@ 42 kg/ha at 90 DAS followed by earthing up. For management of Leaf Spot disease, apply Bordeaux mixture (5:5:50) after 4-5 weeks of sowing or Captan @ 1.5 g/l of water. Spray/ drench 1% Bordeaux mixture or Dithane M-45 (2.5g/l) to prevent rhizome rot.
9	Cattle			Vaccinate 6-9 months old calves with Brucella abortus cotton strain-19 @ 5ml subcutaneous on the neck against Brucellosis.
10	Poultry			High relative humidity with warm weather is favorable for the development of Coccidiosis in the chicken so farmers are advised to avoid dampness in the deep litter and provide turmeric powder @ 10g/kg feed for prevention of coccidiosis.



**ICAR RESEARCH COMPLEX FOR NEH
REGION, UMROI ROAD, BARAPANI UMIAM,
MEGHALAYA**



**AAS BULLETIN FOR EAST KHASI HILLS
DISTRICT**

**AMFU, AGRICULTURAL RESEARCH
STATION**

Bulletin No:	0076/2015/3446	Period:	08/09/2015 to 12/09/2015
Issued On: 08/09/2015			

Weather condition of last four days

Station Name	Rainfall (mm)	Max Temprature (°C)	Min Temprature (°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)
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Weather forecast for next five days in EAST KHASI HILLS district

	Rainfall(mm)	Max Temprature (°C)	Min Temprature (°C)	Total cloud cover(oc ta)	Max Relative Humidity(%)	Min Relative Humidity(%)	Wind Speed(Km ph)	Wind Direction(deg)
09/09	0	32	23	7	94	61	2	143
10/09	0	33	24	8	90	59	3	156
11/09	0	31	23	8	96	74	2	155
12/09	5	33	24	7	95	62	4	146
13/09	17	33	24	8	95	63	3	115

Weather summary of the preceding week

Weather forecast valid

Light rains may occur. Next week, the minimum and maximum temperature range between 23.0-24.0 and 31.0-33.0 Deg.C. The minimum and maximum relative humidity range between 59.0-74.0 and 90.0-96.0 %. South-Eastern winds blow at a speed of 2.0-4.0 kmph

General Advisory

Continue sowing of pea and french bean; nursery preparation of tomato, cauliflower in high altitude regions. Inter cultivation activities like fertilizer application & plant protection measures may be done now as there may be clear sky in the next coming days.

Crop Advisory

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