

Agro-met Advisory Service Bulletin for the district – Bongaigaon

Regional Agricultural Research Station, Gossaigaon

(Period 10th March to 14th March, 2010)

(Issued jointly by IAAS, Assam Agricultural University and India meteorological Department)

Significant past weather for the preceding week

Rainfall (mm)	0.0
Maximum temperature (°C)	23.0 - 29.0
Minimum temperature (°C)	NA
Relative humidity (%)	40 - 91
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 14. 03. 10

PARAMETERS	ENSEMBLE FORECAST									
	Day – 1 10. 03. 10		Day – 2 11. 03. 10		Day – 3 12. 03. 10		Day – 4 13. 03. 10		Day – 5 14. 03. 10	
	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	0		0		0		0		0	
Max Temperature (°C)	32		31		32		32		33	
Min Temperature (°C)	17		16		16		16		17	
Total Cloud cover(octa)	0		0		0		0		0	
Relative humidity (%)	57		55		50		61		66	
	Even		27		23		26		30	
Wind (dd/ff) (kmph)	07		07		07		09		11	
	Direction		80		260		80		80	
Cumulative rainfall (mm)	0.0 for 7 days (10. 3. 10 to 16. 3. 10)									

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Summer paddy	puddle the land with minimum water use to save diesel/power. Transplant 2 seedlings per hill at a distance of 20 cmX15 cm. Transplant the crop at 3-4 leaf stage or with 20-25 days seedlings. Adopt SRI technique for saving irrigation water. Transplant one young (8 – 12 days old) seedling/hill on puddled bed at 25 cm X 25 cm without disturbing tender roots using organic manure only.
Direct seeded paddy	Sow seeds of Ahu varieties Banglami, Nilaji, Hasakumra etc. 5 cm deep due to dry conditions.
Wheat	Apply 4 cm water in wheat as the period will continue to be dry.
Maize	Pre sowing light irrigation is advocated due to prevailing dry condition especially in light textured soil. Use hybrid seeds. Light earthing-up should be given in standing crop.
Summer Vegetables	Light pre-sowing irrigation is necessary for sowing summer vegetables. Apply irrigation water in furrows. Take appropriate measures for control of nematode infested brinjal field.
Black gram and Green gram	Complete sowing of recommended varieties (T9, PU 19 of Blackgram and Pratap, AAU-34 and AAU-39 of greengram) for summer season within 15 th . of March.
Banana	Irrigate the crop with pitcher drip irrigation system.
Coconut and Arecanut	Due to prevailing dry weather arrange for Pitcher drip irrigation for the ensuing period. After irrigation, mulching should be done with water hyacinth or dry paddy straw.
Livestock	Use dry paddy straw for hay making and preserve for future use. Store paddy straw by making silage. Plant perennial grasse such as Guinea and Nappier.

Agro-met Advisory Service Bulletin for the district – Dhubri

Regional Agricultural Research Station, Gossaigaon

(Period 10th March to 14th March, 2010)

(Issued jointly by IAAS, Assam Agricultural University and India meteorological Department)

Significant past weather for the preceding week

Rainfall (mm)	0.0
Maximum temperature (°C)	23.0 – 29.0
Minimum temperature (°C)	NA
Relative humidity (%)	40 - 91
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 14. 03. 10

PARAMETERS	ENSEMBLE FORECAST									
	Day – 1 10. 03. 10		Day – 2 11. 03. 10		Day – 3 12. 03. 10		Day – 4 13. 03. 10		Day – 5 14. 03. 10	
	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	0		0		0		0		0	
Max Temperature (°C)	32		31		32		33		33	
Min Temperature (°C)	17		17		16		16		16	
Total Cloud cover(octa)	0		0		0		0		0	
Relative humidity (%)Morn	53		42		48		47		50	
Even	25		28		23		25		25	
Wind (dd/ff) (kmph) Speed	07		07		07		07		07	
Direction	90		80		230		60		60	
Cumulative rainfall (mm)	0.0 for 7 days 10. 3. 10 to 16. 3. 10)									

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Summer paddy	Puddle the land with minimum water use to save diesel/power. Transplant 2 seedlings per hill at a distance of 20 cmX15 cm. Transplant the crop at 3-4 leaf stage or with 20-25 days seedlings. Adopt SRI technique for saving irrigation water. Transplant one young (8 – 12 days old) seedling/hill on puddled bed at 25 cm X 25 cm without disturbing tender roots using organic manure only.
Direct seeded paddy	Sow seeds of Ahu varieties Banglami, Nilaji, Hasakumra etc. 5 cm deep due to dry conditions.
Wheat	Apply 4 cm water in wheat as the period will continue to be dry.
Maize	Pre sowing light irrigation is advocated due to prevailing dry condition especially in light textured soil. Use hybrid seeds. Light earthing-up should be given in standing crop.
Summer Vegetables	Light pre-sowing irrigation is necessary for sowing summer vegetables. Apply irrigation water in furrows. Take appropriate measures for control of nematode infested brinjal field.
Black gram and Green gram	Complete sowing of recommended varieties (T9, PU 19 of Blackgram and Pratap, AAU-34 and AAU-39 of greengram) for summer season within 15 th . of March.
Banana	Irrigate the crop with pitcher drip irrigation system.
Coconut and Arecanut	Due to prevailing dry weather arrange for Pitcher drip irrigation for the ensuing period. After irrigation, mulching should be done with water hyacinth or dry paddy straw.
Livestock	Use dry paddy straw for hay making and preserve for future use. Store paddy straw by making silage. Plant perennial grasse such as Guinea and Nappier.

Agro-met Advisory Service Bulletin for the district – Goalpara

Regional Agricultural Research Station, Gossaigaon

(Period 10th March to 14th March, 2010)

(Issued jointly by IAAS, Assam Agricultural University and India meteorological Department)

Significant past weather for the preceding week

Rainfall (mm)	0.0
Maximum temperature (°C)	23.0 – 29.0
Minimum temperature (°C)	NA
Relative humidity (%)	40 - 91
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 14. 03. 10

PARAMETERS	ENSEMBLE FORECAST									
	Day – 1 10. 03. 10		Day – 2 11. 03. 10		Day – 3 12. 03. 10		Day – 4 13. 03. 10		Day – 5 14. 03. 10	
	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	0		0		0		0		0	
Max Temperature (°C)	32		31		32		32		32	
Min Temperature (°C)	16		15		15		15		14	
Total Cloud cover(octa)	0		1		0		0		0	
Relative humidity (%)Morn	47		44		34		46		44	
Even	28		27		22		23		27	
Wind (dd/ff) (kmph) Speed	04		04		09		06		07	
Direction	160		170		220		100		100	
Cumulative rainfall (mm)	0.0 for 7 days (10. 3. 10 to 16. 3. 10)									

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Summer paddy	Puddle the land with minimum water use to save diesel/power. Transplant 2 seedlings per hill at a distance of 20 cmX15 cm. Transplant the crop at 3-4 leaf stage or with 20-25 days seedlings. Adopt SRI technique for saving irrigation water. Transplant one young (8 – 12 days old) seedling/hill on puddled bed at 25 cm X 25 cm without disturbing tender roots using organic manure only.
Direct seeded paddy	Sow seeds of Ahu varieties Banglami, Nilaji, Hasakumra etc. 5 cm deep due to dry conditions.
Wheat	Apply 4 cm water in wheat as the period will continue to be dry.
Maize	Pre sowing light irrigation is advocated due to prevailing dry condition especially in light textured soil. Use hybrid seeds. Light earthing-up should be given in standing crop.
Summer Vegetables	Light pre-sowing irrigation is necessary for sowing summer vegetables. Apply irrigation water in furrows. Take appropriate measures for control of nematode infested brinjal field.
Black gram and Green gram	Complete sowing of recommended varieties (T9, PU 19 of Blackgram and Pratap, AAU-34 and AAU-39 of greengram) for summer season within 15 th . of March.
Banana	Irrigate the crop with pitcher drip irrigation system.
Coconut and Arecanut	Due to prevailing dry weather arrange for Pitcher drip irrigation for the ensuing period. After irrigation, mulching should be done with water hyacinth or dry paddy straw.
Livestock	Use dry paddy straw for hay making and preserve for future use. Store paddy straw by making silage. Plant perennial grasse such as Guinea and Nappier.

Agro-met Advisory Service Bulletin for the district – Kamrup

Regional Agricultural Research Station, Gossaigaon

(Period 10th March to 14th March, 2010)

(Issued jointly by IAAS, Assam Agricultural University and India meteorological Department)

Significant past weather for the preceding week

Rainfall (mm)	0.0
Maximum temperature (°C)	23.0 – 29.0
Minimum temperature (°C)	NA
Relative humidity (%)	40 - 91
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 14. 03. 10

PARAMETERS	ENSEMBLE FORECAST									
	Day – 1 10. 03. 10		Day – 2 11. 03. 10		Day – 3 12. 03. 10		Day – 4 13. 03. 10		Day – 5 14. 03. 10	
	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	2		0		0		0		0	
Max Temperature (°C)	32		31		32		32		32	
Min Temperature (°C)	16		16		15		16		16	
Total Cloud cover(octa)	0		0		0		0		0	
Relative humidity (%)Morn	50		45		35		56		54	
Even	33		25		22		27		31	
Wind (dd/ff) (kmph) Speed	04		04		09		07		07	
Direction	110		130		250		100		100	
Cumulative rainfall (mm)	0.0 for 7 days (10. 3. 10 to 16. 3. 10)									

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Summer paddy	Puddle the land with minimum water use to save diesel/power. Transplant 2 seedlings per hill at a distance of 20 cmX15 cm. Transplant the crop at 3-4 leaf stage or with 20-25 days seedlings. Adopt SRI technique for saving irrigation water. Transplant one young (8 – 12 days old) seedling/hill on puddled bed at 25 cm X 25 cm without disturbing tender roots using organic manure only.
Direct seeded paddy	Sow seeds of Ahu varieties Banglami, Nilaji, Hasakumra etc. 5 cm deep due to dry conditions.
Wheat	Apply 4 cm water in wheat as the period will continue to be dry.
Maize	Pre sowing light irrigation is advocated due to prevailing dry condition especially in light textured soil. Use hybrid seeds. Light earthing-up should be given in standing crop.
Black gram and Green gram	Complete sowing of recommended varieties (T9, PU 19 of Blackgram and Pratap, AAU-34 and AAU-39 of greengram) for summer season within 15 th . of March.
Summer Vegetables	Light pre-sowing irrigation is necessary for sowing summer vegetables. Apply irrigation water in furrows. Take appropriate measures for control of nematode infested brinjal field.
Banana	Irrigate the crop with pitcher drip irrigation system.
Coconut and Arecanut	Due to prevailing dry weather arrange for Pitcher drip irrigation for the ensuing period. After irrigation, mulching should be done with water hyacinth or dry paddy straw.
Livestock	Use dry paddy straw for hay making and preserve for future use. Store paddy straw by making silage. Plant perennial grasse such as Guinea and Nappier.

Agro-met Advisory Service Bulletin for the district – Nalbari

Regional Agricultural Research Station, Gossaigaon

(Period 10th March to 14th March, 2010)

(Issued jointly by IAAS, Assam Agricultural University and India meteorological Department)

Significant past weather for the preceding week

Rainfall (mm)	0.0
Maximum temperature (°C)	23.0 - 29.0
Minimum temperature (°C)	NA
Relative humidity (%)	40 - 91
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 14. 03. 10

PARAMETERS	ENSEMBLE FORECAST									
	Day – 1 10. 03. 10		Day – 2 11. 03. 10		Day – 3 12. 03. 10		Day – 4 13. 03. 10		Day – 5 14. 03. 10	
	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	0		0		0		0		0	
Max Temperature (°C)	32		30		31		32		32	
Min Temperature (°C)	16		16		16		16		17	
Total Cloud cover(octa)	0		0		0		0		0	
Relative humidity (%)Morn	65		54		46		71		66	
Even	35		28		23		30		32	
Wind (dd/ff) (kmph) Speed	09		06		07		01		11	
Direction	80		90		250		80		80	
Cumulative rainfall (mm)	0.0 for 7 days (10. 3. 10 to 16. 3. 10)									

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Summer paddy	Puddle the land with minimum water use to save diesel/power. Transplant 2 seedlings per hill at a distance of 20 cmX15 cm. Transplant the crop at 3-4 leaf stage or with 20-25 days seedlings. Adopt SRI technique for saving irrigation water. Transplant one young (8 – 12 days old) seedling/hill on puddled bed at 25 cm X 25 cm without disturbing tender roots using organic manure only.
Direct seeded paddy	Sow seeds of Ahu varieties Banglami, Nilaji, Hasakumra etc. 5 cm deep due to dry conditions.
Wheat	Apply 4 cm water in wheat as the period will continue to be dry.
Maize	Pre sowing light irrigation is advocated due to prevailing dry condition especially in light textured soil. Use hybrid seeds. Light earthing-up should be given in standing crop.
Black gram and Green gram	Complete sowing of recommended varieties (T9, PU 19 of Blackgram and Pratap, AAU-34 and AAU-39 of greengram) for summer season within 15 th . of March.
Summer Vegetables	Light pre-sowing irrigation is necessary for sowing summer vegetables. Apply irrigation water in furrows. Take appropriate measures for control of nematode infested brinjal field.
Banana	Irrigate the crop with pitcher drip irrigation system.
Coconut and Arecanut	Due to prevailing dry weather arrange for Pitcher drip irrigation for the ensuing period. After irrigation, mulching should be done with water hyacinth or dry paddy straw.
Livestock	Use dry paddy straw for hay making and preserve for future use. Store paddy straw by making silage.

Agro-met Advisory Service Bulletin for the district – Barpeta

Regional Agricultural Research Station, Gossaigaon

(Period 10th March to 14th March, 2010)

(Issued jointly by IAAS, Assam Agricultural University and India meteorological Department)

Significant past weather for the preceding week

Rainfall (mm)	0.0
Maximum temperature (°C)	23.0 - 29.0
Minimum temperature (°C)	NA
Relative humidity (%)	40 - 91
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 14. 03. 10

PARAMETERS	ENSEMBLE FORECAST									
	Day – 1 10. 03. 10		Day – 2 11. 03. 10		Day – 3 12. 03. 10		Day – 4 13. 03. 10		Day – 5 14. 03. 10	
	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	0		0		0		0		0	
Max Temperature (°C)	32		30		31		32		32	
Min Temperature (°C)	16		16		15		15		16	
Total Cloud cover(octa)	0		0		0		0		0	
Relative humidity (%)Morn	57		56		48		69		70	
Even	31		27		22		26		32	
Wind (dd/ff) (kmph) Speed	07		04		07		09		11	
Direction	80		80		300		80		80	
Cumulative rainfall (mm)	0.0 for 7 days (10. 3. 10 to 16. 3. 10)									

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Summer paddy	Puddle the land with minimum water use to save diesel/power. Transplant 2 seedlings per hill at a distance of 20 cmX15 cm. Transplant the crop at 3-4 leaf stage or with 20-25 days seedlings. Adopt SRI technique for saving irrigation water. Transplant one young (8 – 12 days old) seedling/hill on puddled bed at 25 cm X 25 cm without disturbing tender roots using organic manure only.
Direct seeded paddy	Sow seeds of Ahu varieties Banglami, Nilaji, Hasakumra etc. 5 cm deep due to dry conditions.
Wheat	Apply 4 cm water in wheat as the period will continue to be dry.
Maize	Pre sowing light irrigation is advocated due to prevailing dry condition especially in light textured soil. Use hybrid seeds. Light earthing-up should be given in standing crop.
Summer Vegetables	Light pre-sowing irrigation is necessary for sowing summer vegetables. Apply irrigation water in furrows. Take appropriate measures for control of nematode infested brinjal field.
Black gram and Green gram	Complete sowing of recommended varieties (T9, PU 19 of Blackgram and Pratap, AAU-34 and AAU-39 of greengram) for summer season within 15 th . of March.
Banana	Irrigate the crop with pitcher drip irrigation system.
Coconut and Arecanut	Due to prevailing dry weather arrange for Pitcher drip irrigation for the ensuing period. After irrigation, mulching should be done with water hyacinth or dry paddy straw.
Livestock	Use dry paddy straw for hay making and preserve for future use. Store paddy straw by making silage.

Agro-met Advisory Service Bulletin for the district – Kokrajhar

Regional Agricultural Research Station, Gossaigaon

(Period 10th March to 14th March, 2010)

(Issued jointly by IAAS, Assam Agricultural University and India meteorological Department)

Significant past weather for the preceding week

Rainfall (mm)	0.0
Maximum temperature (^o C)	23.0 - 29.0
Minimum temperature (^o C)	NA
Relative humidity (%)	40 - 91
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 14. 03. 10

PARAMETERS	ENSEMBLE FORECAST									
	Day – 1 10. 03. 10		Day – 2 11. 03. 10		Day – 3 12. 03. 10		Day – 4 13. 03. 10		Day – 5 14. 03. 10	
	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	0		0		0		0		0	
Max Temperature (^o C)	31		30		31		31		32	
Min Temperature (^o C)	16		16		16		16		17	
Total Cloud cover(octa)	0		0		0		0		0	
Relative humidity (%)Morn	64		61		63		54		61	
Even	32		31		27		29		34	
Wind (dd/ff) (kmph) Speed	07		07		02		09		09	
Direction	70		60		260		70		70	
Cumulative rainfall (mm)	0.0 for 7 days (10. 3. 10 to 16. 3. 10)									

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Summer paddy	Puddle the land with minimum water use to save diesel/power. Transplant 2 seedlings per hill at a distance of 20 cmX15 cm. Transplant the crop at 3-4 leaf stage or with 20-25 days seedlings. Adopt SRI technique for saving irrigation water. Transplant one young (8 – 12 days old) seedling/hill on puddled bed at 25 cm X 25 cm without disturbing tender roots using organic manure only.
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Maize	Pre sowing light irrigation is advocated due to prevailing dry condition especially in light textured soil. Use hybrid seeds. Light earthing-up should be given in standing crop.
Black gram and Green gram	Complete sowing of recommended varieties (T9, PU 19 of Blackgram and Pratap, AAU-34 and AAU-39 of greengram) for summer season within 15 th . of March.
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Coconut and Arecanut	Due to prevailing dry weather arrange for Pitcher drip irrigation for the ensuing period. After irrigation, mulching should be done with water hyacinth or dry paddy straw.
Livestock	Use dry paddy straw for hay making and preserve for future use. Store paddy straw by making silage. Plant perennial grasse such as Guinea and Nappier.