

Integrated Agro-met Advisory Service Bulletin for the district – Bongaigaon**Regional Agricultural Research Station, Gossaigaon**(Period 1st September to 5th September, 2010)

(Issued jointly by IAAS, Assam Agricultural University and I. M. D. Pune)

Significant past weather for the preceding week

Rainfall (mm)	71.2
Maximum temperature (°C)	28.0– 33.0
Minimum temperature (°C)	NA
Relative humidity (%)	71 - 93
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 05. 09. 10

PARAMETERS	ENSEMBLE FORECAST										
	Day – 1		Day – 2		Day – 3		Day – 4		Day – 5		
	01. 09. 10	02. 09. 10	03. 09. 10	04. 09. 10	05. 09. 10	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	8	8	7	5	6						
Max Temperature (°C)	30	32	33	32	33						
Min Temperature (°C)	22	23	23	24	23						
Total Cloud cover(octa)	7	7	7	7	6						
Relative humidity (%) Morn	99	99	97	94	98						
Even	84	68	67	72	63						
Wind (dd/ff) (kmph) Speed	002	002	002	004	002						
Direction	182	180	136	65	129						
Cumulative rainfall (mm)	- for 7 days (01. 09. 10 to 07. 09. 10)										

Crop Information

Crop	Crop stage	Coverage (%)
Sali rice	Transplanting and tillering stage	About 95% covered
Jute & Mesta	Growing stage (4-6 ft height)	100%
Sesamum	Sowing	70%

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Sali paddy	Apply 2kg MOP/bigha along with the urea (3kg/bigha) at the time of 1 st top dressing if reddening appears. Take preventive and IPM measures against stem borer and leaf folder. Apply Chloropyriphos 20 EC @1ml/lit of water as chemical control @ 65lt/Bigha if the damage is more than 10%.
Jute for seed production	Apply 6kg urea as top dressing to the 3-4 weeks old crop. Before the application of urea weeding and thinning must be done.
Pigeon pea/Arhar	Against apion borer flea beetle, leaf roller, spray Malathion 50EC @1-1.5lit/500-700lits of water/ha.
Black Gram	Start sowing of recommended varieties viz. T 9, PU 19, KU 301, USJD 113. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Green Gram	Start sowing of recommended varieties like Pratap, SG 21-5, Kopergaon, T44. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Finger millet(marua)	One month old seedlings should be transplanted to the main field maintaining a spacing of 25cm x15 cm. apply FYM/Compost @ 6q along with 12kg urea, 16kg SSP and 4.25kg MOP.
Early Cabbage	Select early varieties like goldenacar, Pride of India, Pusa mukta etc. Transplant the 25-30 days old seedlings to the main field maintaining a spacing of 60x30cm.seed rate is 100gm/bigha.Seed

Integrated Agro-met Advisory Service Bulletin for the district – Dhubri

Regional Agricultural Research Station, Gossaigaon

(Period 1st September to 5th September, 2010)

(Issued jointly by IAAS, Assam Agricultural University and I. M. D. Pune)

Significant past weather for the preceding week

Rainfall (mm)	71.2
Maximum temperature (°C)	28.0– 33.0
Minimum temperature (°C)	NA
Relative humidity (%)	71 - 93
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 05. 09. 10

PARAMETERS	ENSEMBLE FORECAST										
	Day – 1		Day – 2		Day – 3		Day – 4		Day – 5		
	01. 09. 10	02. 09. 10	03. 09. 10	04. 09. 10	05. 09. 10	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	10	8	8	8	12						
Max Temperature (°C)	32	35	36	35	36						
Min Temperature (°C)	25	25	25	26	25						
Total Cloud cover(octa)	7	7	7	8	7						
Relative humidity (%) Morn	99	99	92	97	99						
Even	90	63	60	64	60						
Wind (dd/ff) (kmph) Speed	002	002	002	004	004						
Direction	202	202	154	58	52						
Cumulative rainfall (mm)	- for 7 days (01. 09. 10 to 07. 09. 10)										

Crop Information

Crop	Crop stage	Coverage (%)
Sali rice	Transplanting and tillering stage	About 95% covered
Jute & Mesta	Growing stage (4-6 ft height)	100%
Sesamum	Sowing	70%

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Sali paddy	Apply 2kg MOP/bigha along with the urea (3kg/bigha) at the time of 1 st top dressing if reddening appears. Take preventive and IPM measures against stem borer and leaf folder. Apply Chloropyriphos 20 EC @1ml/lit of water as chemical control @ 65lt/Bigha if the damage is more than 10%.
Jute for seed production	Apply 6kg urea as top dressing to the 3-4 weeks old crop. Before the application of urea weeding and thinning must be done.
Pigeon pea/Arhar	Against apion borer flea beetle, leaf roller, spray Malathion 50EC @1-1.5lit/500-700lits of water/ha.
Black Gram	Start sowing of recommended varieties viz. T 9, PU 19, KU 301, USJD 113. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Green Gram	Start sowing of recommended varieties like Pratap, SG 21-5, Kopergaon, T44. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Finger millet(marua)	One month old seedlings should be transplanted to the main field maintaining a spacing of 25cm x15 cm. apply FYM/Compost @ 6q along with 12kg urea, 16kg SSP and 4.25kg MOP.
Early Cabbage	Select early varieties like goldenacar, Pride of India, Pusa mukta etc. Transplant the 25-30 days old seedlings to the main field maintaining a spacing of 60x30cm.seed rate is 100gm/bigha.Seed

Integrated Agro-met Advisory Service Bulletin for the district – Goalpara

Regional Agricultural Research Station, Gossaigaon

(Period 1st September to 5th September, 2010)

(Issued jointly by IAAS, Assam Agricultural University and I. M. D. Pune)

Significant past weather for the preceding week

Rainfall (mm)	71.2
Maximum temperature (°C)	28.0– 33.0
Minimum temperature (°C)	NA
Relative humidity (%)	71 - 93
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 05. 09. 10

PARAMETERS	ENSEMBLE FORECAST										
	Day – 1		Day – 2		Day – 3		Day – 4		Day – 5		
	01. 09. 10	02. 09. 10	03. 09. 10	04. 09. 10	05. 09. 10	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	10	8	10	6	10						
Max Temperature (°C)	33	35	36	34	35						
Min Temperature (°C)	24	24	25	26	24						
Total Cloud cover(octa)	7	7	7	8	7						
Relative humidity (%) Morn	99	99	97	92	98						
Even	78	62	61	69	59						
Wind (dd/ff) (kmph) Speed	004	004	004	004	002						
Direction	175	187	184	98	77						
Cumulative rainfall (mm)	- for 7 days (01. 09. 10 to 07. 09. 10)										

Crop Information

Crop	Crop stage	Coverage (%)
Sali rice	Transplanting and tillering stage	About 95% covered
Jute & Mesta	Growing stage (4-6 ft height)	100%
Sesamum	Sowing	70%

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Sali paddy	Apply 2kg MOP/bigha along with the urea (3kg/bigha) at the time of 1 st top dressing if reddening appears. Take preventive and IPM measures against stem borer and leaf folder. Apply Chloropyriphos 20 EC @1ml/lit of water as chemical control @ 65lt/Bigha if the damage is more than 10%.
Jute for seed production	Apply 6kg urea as top dressing to the 3-4 weeks old crop. Before the application of urea weeding and thinning must be done.
Pigeon pea/Arhar	Against apion borer flea beetle, leaf roller, spray Malathion 50EC @1-1.5lit/500-700lits of water/ha.
Black Gram	Start sowing of recommended varieties viz. T 9, PU 19, KU 301, USJD 113. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Green Gram	Start sowing of recommended varieties like Pratap, SG 21-5, Kopergaon, T44. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Early Cabbage	Select early varieties like goldenacar, Pride of India, Pusa mukta etc. Transplant the 25-30 days old seedlings to the main field maintaining a spacing of 60x30cm.seed rate is 100gm/bigha.Seed
Brinjal	Collect suitable recommended varieties like Pusa Krienti, Pusa Purple long, Pusa Purple Round etc. Prepare nursery with arrangement to prevent beating raindrops.

Integrated Agro-met Advisory Service Bulletin for the district – Kamrup

Regional Agricultural Research Station, Gossaigaon

(Period 1st September to 5th September, 2010)

(Issued jointly by IAAS, Assam Agricultural University and I. M. D. Pune)

Significant past weather for the preceding week

Rainfall (mm)	71.2
Maximum temperature (°C)	28.0– 33.0
Minimum temperature (°C)	NA
Relative humidity (%)	71 - 93
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 05. 09. 10

PARAMETERS	ENSEMBLE FORECAST										
	Day – 1		Day – 2		Day – 3		Day – 4		Day – 5		
	01. 09. 10	02. 09. 10	03. 09. 10	04. 09. 10	05. 09. 10	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	5	5	10	5	5						
Max Temperature (°C)	33	34	35	34	34						
Min Temperature (°C)	24	24	24	25	24						
Total Cloud cover(octa)	7	7	7	8	7						
Relative humidity (%) Morn	99	99	98	92	98						
Even	77	68	66	69	63						
Wind (dd/ff) (kmph) Speed	004	002	002	004	002						
Direction	198	194	188	119	153						
Cumulative rainfall (mm)	- for 7 days (01. 09. 10 to 07. 09. 10)										

Crop Information

Crop	Crop stage	Coverage (%)
Sali rice	Transplanting and tillering stage	About 95% covered
Jute & Mesta	Growing stage (4-6 ft height)	100%
Sesamum	Sowing	70%

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Sali paddy	Apply 2kg MOP/bigha along with the urea (3kg/bigha) at the time of 1 st top dressing if reddening appears. Take preventive and IPM measures against stem borer and leaf folder. Apply Chloropyriphos 20 EC @1ml/lit of water as chemical control @ 65lt/Bigha if the damage is more than 10%.
Jute for seed production	Apply 6kg urea as top dressing to the 3-4 weeks old crop. Before the application of urea weeding and thinning must be done.
Pigeon pea/Arhar	Against apion borer flea beetle, leaf roller, spray Malathion 50EC @1-1.5lit/500-700lits of water/ha.
Black Gram	Start sowing of recommended varieties viz. T 9, PU 19, KU 301, USJD 113. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Green Gram	Start sowing of recommended varieties like Pratap, SG 21-5, Kopergaon, T44. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Brinjal	Collect suitable recommended varieties like Pusa Krienti, Pusa Purple long, Pusa Purple Round etc. Prepare nursery with arrangement to prevent beating raindrops.
Early Cabbage	Select early varieties like goldenacar, Pride of India, Pusa mukta etc. Transplant the 25-30 days old seedlings to the main field maintaining a spacing of 60x30cm.seed rate is 100gm/bigha.Seed

Integrated Agro-met Advisory Service Bulletin for the district – Nalbari**Regional Agricultural Research Station, Gossaigaon****(Period 1st September to 5th September, 2010)****(Issued jointly by IAAS, Assam Agricultural University and I. M. D. Pune)****Significant past weather for the preceding week**

Rainfall (mm)	71.2
Maximum temperature (°C)	28.0– 33.0
Minimum temperature (°C)	NA
Relative humidity (%)	71 - 93
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 05. 09. 10

PARAMETERS	ENSEMBLE FORECAST										
	Day – 1		Day – 2		Day – 3		Day – 4		Day – 5		
	01. 09. 10	02. 09. 10	03. 09. 10	04. 09. 10	05. 09. 10	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	8	6	8	5	6						
Max Temperature (°C)	30	32	32	31	32						
Min Temperature (°C)	22	22	23	23	22						
Total Cloud cover(octa)	7	7	7	7	7						
Relative humidity (%) Morn	99	99	97	93	98						
Even	82	71	70	73	65						
Wind (dd/ff) (kmph) Speed	002	002	002	006	002						
Direction	208	185	186	127	207						
Cumulative rainfall (mm)	- for 7 days (01. 09. 10 to 07. 09. 10)										

Crop Information

Crop	Crop stage	Coverage (%)
Sali rice	Transplanting and tillering stage	About 95% covered
Jute & Mesta	Growing stage (4-6 ft height)	100%
Sesamum	Sowing	70%

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Sali paddy	Apply 2kg MOP/bigha along with the urea (3kg/bigha) at the time of 1 st top dressing if reddening appears. Take preventive and IPM measures against stem borer and leaf folder. Apply Chloropyriphos 20 EC @1ml/lit of water as chemical control @ 65lt/Bigha if the damage is more than 10%.
Jute for seed production	Apply 6kg urea as top dressing to the 3-4 weeks old crop. Before the application of urea weeding and thinning must be done.
Pigeon pea/Arhar	Against apion borer flea beetle, leaf roller, spray Malathion 50EC @1-1.5lit/500-700lits of water/ha.
Black Gram	Start sowing of recommended varieties viz. T 9, PU 19, KU 301, USJD 113. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Green Gram	Start sowing of recommended varieties like Pratap, SG 21-5, Kopergaon, T44. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Brinjal	Collect suitable recommended varieties like Pusa Krienti, Pusa Purple long, Pusa Purple Round etc. Prepare nursery with arrangement to prevent beating raindrops.
Early Cabbage	Select early varieties like goldenacar, Pride of India, Pusa mukta etc. Transplant the 25-30 days old seedlings to the main field maintaining a spacing of 60x30cm.seed rate is 100gm/bigha.Seed

Integrated Agro-met Advisory Service Bulletin for the district – Barpeta**Regional Agricultural Research Station, Gossaigaon****(Period 1st September to 5th September, 2010)****(Issued jointly by IAAS, Assam Agricultural University and I. M. D. Pune)****Significant past weather for the preceding week**

Rainfall (mm)	71.2
Maximum temperature (°C)	28.0– 33.0
Minimum temperature (°C)	NA
Relative humidity (%)	71 - 93
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 05. 09. 10

PARAMETERS	ENSEMBLE FORECAST										
	Day – 1		Day – 2		Day – 3		Day – 4		Day – 5		
	01. 09. 10	02. 09. 10	03. 09. 10	04. 09. 10	05. 09. 10	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	12	7	10	5	8						
Max Temperature (°C)	31	32	33	32	33						
Min Temperature (°C)	22	22	23	24	23						
Total Cloud cover(octa)	7	7	7	7	6						
Relative humidity (%) Morn	99	99	97	93	97						
Even	81	69	68	75	63						
Wind (dd/ff) (kmph) Speed	002	002	004	004	002						
Direction	229	140	146	67	178						
Cumulative rainfall (mm)	- for 7 days (01. 09. 10 to 07. 09. 10)										

Crop Information

Crop	Crop stage	Coverage (%)
Sali rice	Transplanting and tillering stage	About 95% covered
Jute & Mesta	Growing stage (4-6 ft height)	100%
Sesamum	Sowing	70%

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Sali paddy	Apply 2kg MOP/bigha along with the urea (3kg/bigha) at the time of 1 st top dressing if reddening appears. Take preventive and IPM measures against stem borer and leaf folder. Apply Chloropyriphos 20 EC @1ml/lit of water as chemical control @ 65lt/Bigha if the damage is more than 10%.
Jute for seed production	Apply 6kg urea as top dressing to the 3-4 weeks old crop. Before the application of urea weeding and thinning must be done.
Pigeon pea/Arhar	Against apion borer flea beetle, leaf roller, spray Malathion 50EC @1-1.5lit/500-700lits of water/ha.
Black Gram	Start sowing of recommended varieties viz. T 9, PU 19, KU 301, USJD 113. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Green Gram	Start sowing of recommended varieties like Pratap, SG 21-5, Kopergaon, T44. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Brinjal	Collect suitable recommended varieties like Pusa Krienti, Pusa Purple long, Pusa Purple Round etc. Prepare nursery with arrangement to prevent beating raindrops.
Early Cabbage	Select early varieties like goldenacar, Pride of India, Pusa mukta etc. Transplant the 25-30 days old seedlings to the main field maintaining a spacing of 60x30cm.seed rate is 100gm/bigha.Seed

Integrated Agro-met Advisory Service Bulletin for the district – Kokrajhar**Regional Agricultural Research Station, Gossaigaon****(Period 1st September to 5th September, 2010)****(Issued jointly by IAAS, Assam Agricultural University and I. M. D. Pune)****Significant past weather for the preceding week**

Rainfall (mm)	71.2
Maximum temperature (°C)	28.0– 33.0
Minimum temperature (°C)	NA
Relative humidity (%)	71 - 93
Wind speed (Knots)	NA

Weather forecast until 0830 hours of 05. 09. 10

PARAMETERS	ENSEMBLE FORECAST										
	Day – 1		Day – 2		Day – 3		Day – 4		Day – 5		
	01. 09. 10	02. 09. 10	03. 09. 10	04. 09. 10	05. 09. 10	00 UTC	12 UTC	00 UTC	12 UTC	00 UTC	12 UTC
Rainfall (mm)	10	8	8	8	12						
Max Temperature (°C)	27	30	30	30	30						
Min Temperature (°C)	21	21	21	22	21						
Total Cloud cover(octa)	7	7	7	7	6						
Relative humidity (%) Morn	99	99	97	96	99						
Even	88	70	68	70	67						
Wind (dd/ff) (kmph) Speed	002	002	002	006	002						
Direction	166	250	250	60	52						
Cumulative rainfall (mm)	- for 7 days (01. 09. 10 to 07. 09. 10)										

Crop Information

Crop	Crop stage	Coverage (%)
Sali rice	Transplanting and tillering stage	About 95% covered
Jute & Mesta	Growing stage (4-6 ft height)	100%
Sesamum	Sowing	70%

AGRO-METEOROLOGICAL ADVISORIES

Crop	Advisories
Sali paddy	Apply 2kg MOP/bigha along with the urea (3kg/bigha) at the time of 1 st top dressing if reddening appears. Take preventive and IPM measures against stem borer and leaf folder. Apply Chloropyriphos 20 EC @1ml/lit of water as chemical control @ 65lt/Bigha if the damage is more than 10%.
Jute for seed production	Apply 6kg urea as top dressing to the 3-4 weeks old crop. Before the application of urea weeding and thinning must be done.
Pigeon pea/Arhar	Against apion borer flea beetle, leaf roller, spray Malathion 50EC @1-1.5lit/500-700lits of water/ha.
Black Gram	Start sowing of recommended varieties viz. T 9, PU 19, KU 301, USJD 113. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Green Gram	Start sowing of recommended varieties like Pratap, SG 21-5, Kopergaon, T-44. Apply 4 kg urea and 30 kg SSP along with 1.3 kg compost or FYM /bigha at final land preparation.
Finger millet(marua)	One month old seedlings should be transplanted to the main field maintaining a spacing of 25cm x15 cm. apply FYM/Compost @ 6q along with 12kg urea, 16kg SSP and 4.25kg MOP.
Early Cabbage	Select early varieties like goldenacar, Pride of India, Pusa mukta etc. Transplant the 25-30 days old seedlings to the main field maintaining a spacing of 60x30cm.seed rate is 100gm/bigha.Seed
Brinjal	Collect suitable recommended varieties like Pusa Krienti, Pusa Purple long, Pusa Purple Round etc. Prepare nursery with arrangement to prevent beating raindrops.