

Fig. 4.1 Location of Identified Potential Subprojects in Tangail

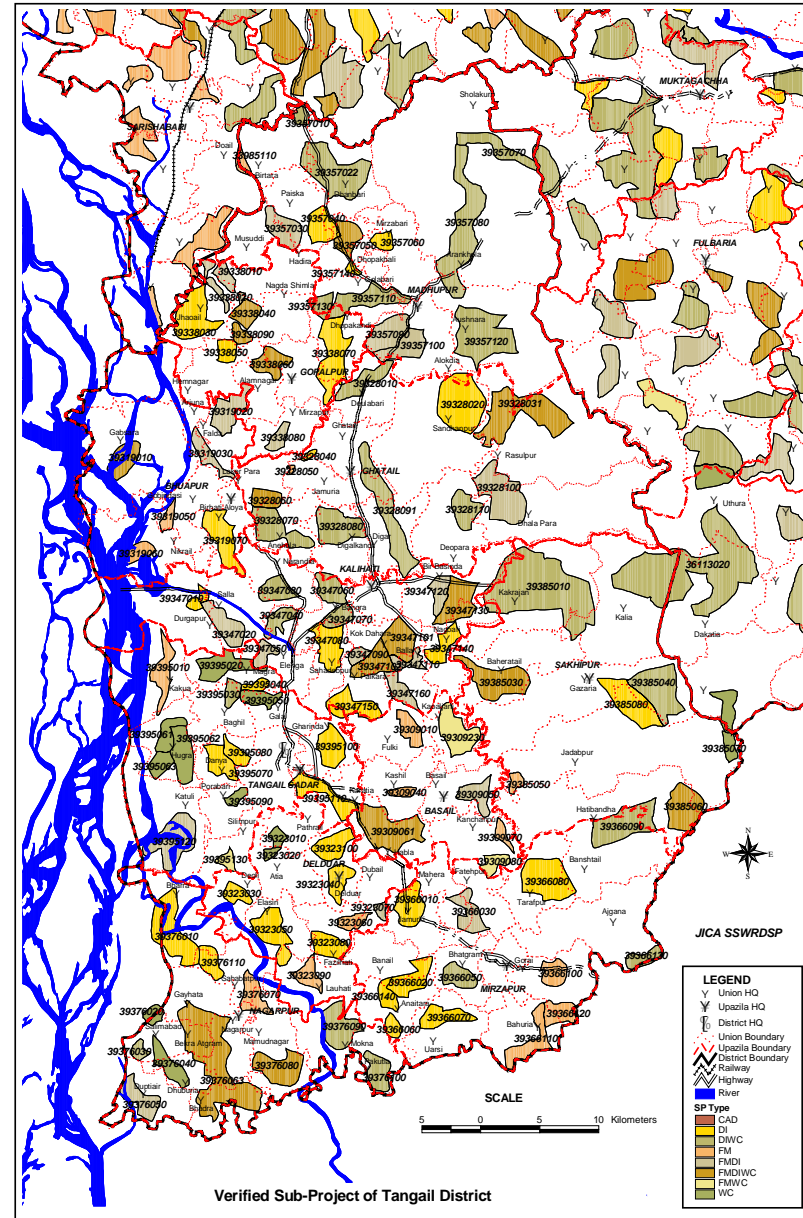


Fig. 4.2 Location of Verified Potential Subprojects in Tangail

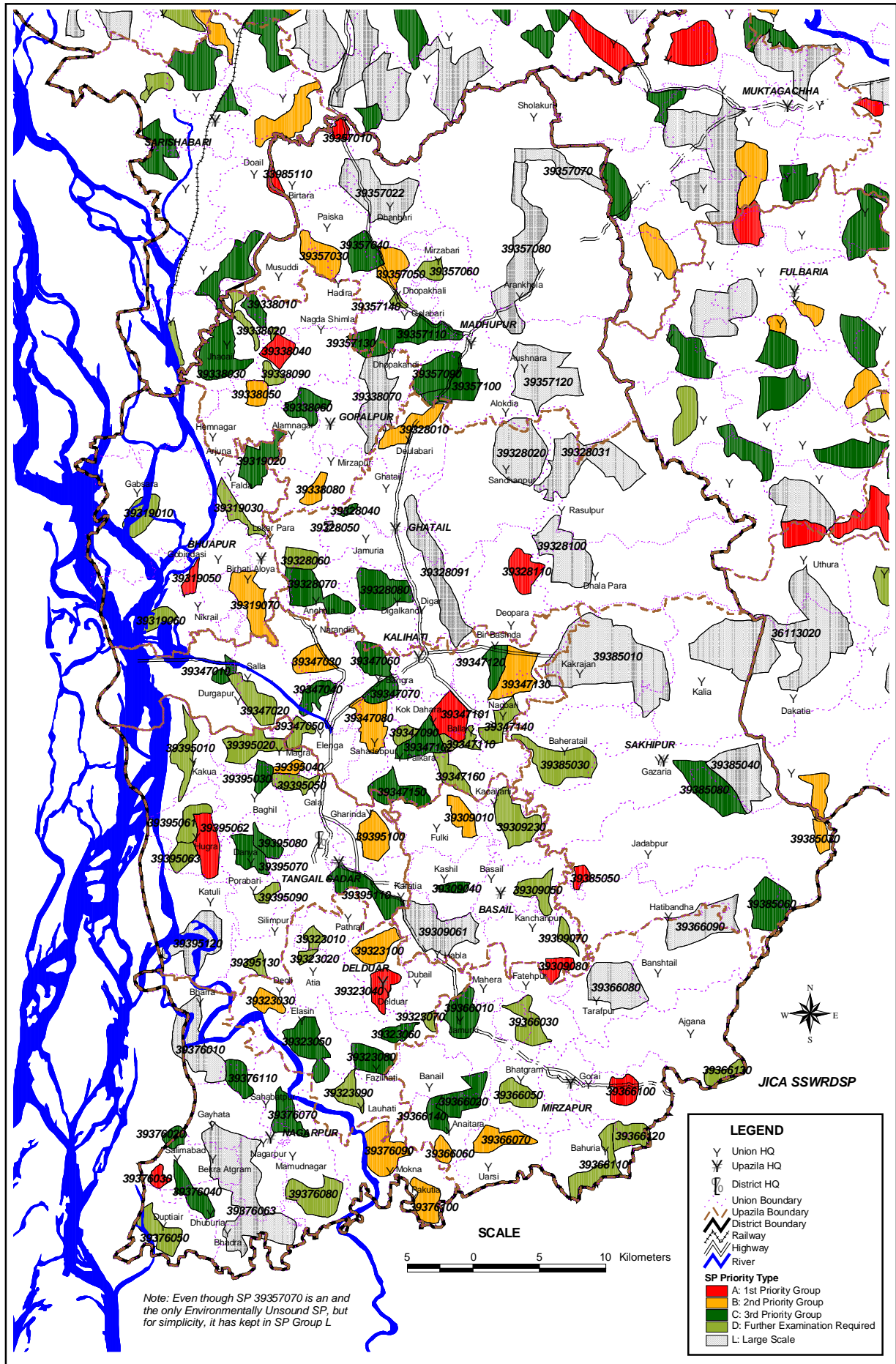


Fig. 4.3 Location of Prioritized Subprojects in Tangail District

APPENDIX

UPAZILA WISE SUMMARY OF UNION QUESTIONNAIRE

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
1.	OUTLINE OF FIELD CONDITION (Expected to be answered by Upazila Engineer):															
1.2.	Land and Land Use															
1.2.1	Total Area of Union	acre	T	62,242.00	53,188.00	46,270.57	111,422.60	41,209.00	58,679.40	106,010.19	90,032.26	61,024.40	108,842.00	89,674.72	828,595.14	100.0%
1.2.2	Total Forest Area	acre	T	-	-	197.00	25,454.50	76.00	20.00	28,849.05	6,553.65	-	28,492.00	22.00	89,664.20	86.1%
a	Government reserve forests	acre	T	-	183.00	17.50	17,698.90	-	5.00	14,473.80	4,447.55	-	27,692.00	150.55	64,668.30	85.1%
b	Homestead Area	acre	T	20.00	1,863.98	107.75	7,626.15	1,364.32	1,759.20	2,781.30	2,133.10	483.60	2,509.00	298.85	20,947.25	97.0%
1.2.3	Wet lands	acre	T	13,897.60	7,420.00	1,725.15	1,049.76	1,317.10	5,469.00	2,938.81	4,586.94	371.02	1,930.30	13,754.60	54,460.28	99.0%
1.3.	Demography (2001)															
1.3.1	Total Population	persons	T	162,008	195,554	204,281	371,237	258,862	436,445	438,584	345,778	267,451	265,874	322,632	3,268,706	100.0%
1.3.2	Female Ratio	%	A	50.97	51.35	50.69	51.34	50.67	51.73	50.88	49.46	49.38	50.77	47.69	50.32	100.0%
	Male Ratio	%	A	49.03	48.65	49.34	48.66	49.02	48.26	46.41	50.59	50.75	49.23	1,204.83	174.90	100.0%
1.3.3	Population more than 18 years old	persons	T	92,432	115,247	87,360	224,254	144,050	184,072	224,636	184,546	16,000	146,638	152,270	1,571,506	93.1%
1.3.4	Annual Growth Rate	%	A	0.50	1.66	1.88	1.62	1.84	1.81	1.93	12.50	2.41	1.48	2.11	3.08	100.0%
1.3.5	Literacy	(%)	A	40.61	50.17	48.13	42.72	49.11	45.89	58.73	53.84	33.55	38.69	48.18	46.56	99.0%
1.4.	Social Infrastructure															
1.4.1	Number of Primary Schools															
	Primary School	in No.	T	67	85	88	161	114	147	158	144	132	121	123	1,340	100.0%
	Madrasa	in No.	T	29	33	27	30	18	49	28	50	25	52	63	404	98.0%
1.4.2	Number of Primary Health Care Centers	in No.	T	11	10	6	11	15	21	21	29	15	45	14	198	92.1%
1.4.3	Rural Water Supply															
a	Number of Community Wells		T	21,229	19,402	24,500	46,211	16,061	44,772	1,475	37,150	32,608	24,989	40,042	308,439	98.0%
b	Quality of domestic water (such as arsenic or other contamination)															
	Yes	%	A	36.14	4.33	15.42	4.38	7.25	11.25	7.00	12.43	13.58	5.69	11.74	83.2%	
	No	%	A											11.9%		
1.4.4	Total Household	Nos.	T	19,649	24,891	38,600	56,975	43,292	59,616	81,225	59,864	25,669	51,986	46,105	507,872	86.1%
1.4.5	% of electricity installed household	%	A	59.83	38.75	44.63	824.45	33.86	42.09	27.27	57.67	23.92	30.00	47.50	135.11	91.1%
1.5	Is there any BWDB Project in your Union ?															
	Yes		C	1	2	3	-	-	3	-	3	2	-	5	19	18.8%
	No		C	5	3	1	8	6	7	10	6	4	6	5	61	60.4%
2	FARM MANAGEMENT DEVELOPMENT (to be															
2.1	General idea of agricultural development															
2.1.1	Cropping Pattern															
	Considering the favorable natural and agro-															
	Yes		C	6	6	7	11	7	8	11	9	4	5	11	85	84.2%
	No		C	-	-	-	-	-	-	-	1	-	-	-	1	1.0%
2.1.2	There are various constraints in the development of															
(1)	Limitation of agricultural land															
1)	Serious		C	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
2)	Medium		C	3	1	2	5	3	5	-	3	3	2	-	27	26.7%
3)	Low		C	3	5	6	6	4	6	11	9	10	4	11	75	74.3%
2	Improved seeds															
1)	Serious		C	-	-	-	1	-	2	-	2	-	-	-	5	5.0%
2)	Medium		C	4	-	1	4	3	2	2	1	2	2	-	21	20.8%
3)	Low		C	2	6	7	6	5	7	9	9	10	4	11	76	75.2%
3	Irrigation water supply in dry season															
1)	Serious		C	-	-	1	5	1	-	2	1	2	-	-	12	11.9%
2)	Medium		C	6	5	6	5	5	10	9	10	10	6	6	78	77.2%
3)	Low		C	-	-	1	1	1	1	-	-	-	-	4	8	7.9%
4	Flood damages in monsoon season															
1)	Serious		C	6	6	7	8	2	11	9	10	12	1	11	83	82.2%
2)	Medium		C	-	1	-	3	3	-	1	1	-	4	-	13	12.9%
3)	Low		C	-	-	-	-	2	-	1	1	-	1	-	5	5.0%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
5	Less development of land preparation															
1)	Serious	C	-	-	1	-	-	-	-	-	-	-	-	1	1.0%	
2)	Medium	C	5	4	6	10	4	6	11	12	9	4	9	80	79.2%	
3)	Low	C	1	2	1	1	3	5	-	-	3	2	-	18	17.8%	
6	Less development of agricultural technology															
1)	Serious	C	-	-	1	-	-	1	-	-	-	-	-	2	2.0%	
2)	Medium	C	3	1	5	6	1	2	-	3	2	1	5	29	28.7%	
3)	Low	C	3	4	2	5	6	8	11	9	10	5	6	69	68.3%	
7	Low inputs (fertilizer, chemicals, capital, labour)															
1)	Serious	C	1	-	-	2	-	-	-	-	-	-	-	3	3.0%	
2)	Medium	C	2	1	5	3	1	3	1	4	-	3	-	23	22.8%	
3)	Low	C	3	5	3	6	6	8	10	8	12	3	10	74	73.3%	
8	Constraints in marketing															
1)	Serious	C	-	3	1	4	-	1	-	4	-	2	-	15	14.9%	
2)	Medium	C	3	3	5	7	7	8	10	8	12	3	9	75	74.3%	
3)	Low	C	3	1	2	-	-	2	1	-	-	1	1	11	10.9%	
9	Less crop diversification															
1)	Serious	C	5	3	5	8	3	10	11	12	11	4	11	83	82.2%	
2)	Medium	C	-	2	2	3	4	1	-	-	1	2	-	15	14.9%	
3)	Low	C	1	1	1	-	-	-	-	-	-	-	-	3	3.0%	
10	Mechanization															
1)	Serious	C	4	2	5	7	3	8	9	10	12	1	11	72	71.3%	
2)	Medium	C	2	1	3	4	-	1	2	1	-	5	-	19	18.8%	
3)	Low	C	-	2	-	-	5	2	-	1	-	1	-	11	10.9%	
2.2.	Collection of data/ information on agricultural															
2.2.1	Breakdown of farm holdings by size by the															
	Landless	%	A	10.64	23.89	18.13	23.87	29.87	28.45	26.07	20.21	22.75	14.36	22.64	22.62	94.1%
	0.05- 0.49	%	A	20.15	27.12	27.34	30.71	25.20	30.94	30.15	29.71	28.20	14.43	27.30	27.45	94.1%
	0.50- 0.99	%	A	12.02	17.90	20.23	22.80	20.01	15.60	19.53	19.88	20.56	12.32	19.68	18.74	94.1%
	1.00- 1.49	%	A	13.62	12.11	14.38	11.73	10.60	9.02	8.70	14.97	11.22	10.55	10.50	11.44	94.1%
	1.50- 2.49	%	A	26.34	9.31	8.84	5.48	7.24	5.90	7.84	8.45	8.65	15.54	7.85	9.07	94.1%
	2.50- 7.49	%	A	10.73	4.77	6.44	3.35	3.95	5.05	4.37	5.39	6.44	27.83	5.13	6.70	94.1%
	7.50 – 14.99	%	A	4.88	2.15	3.40	1.69	1.72	3.76	1.24	1.75	2.40	2.95	1.88	2.40	93.1%
	15.00 – 24.99	%	A	1.47	1.36	1.00	0.54	0.78	1.22	0.53	0.49	0.46	2.13	0.77	0.89	84.2%
	25.00 & above	%	A	0.35	4.00	1.00	-	0.50	1.00	0.28	-	0.37	-	0.67	22.8%	
	Total (100)	%	A	83.33	99.05	100.00	100.16	99.44	100.27	96.12	92.36	68.94	100.00	95.50	93.45	100.0%
2.2.2	Classification of land and cultivated crops in farm land															
(1)	Area of Indundation Type in %															
	Highland (0-30)	%	A	4.27	17.73	10.52	15.25	5.63	9.64	12.98	17.05	7.11	36.80	8.90	13.00	95.0%
	Med. Highland (30-90)	%	A	21.01	30.39	36.64	33.29	23.92	32.78	37.81	33.52	29.96	32.85	34.64	32.24	98.0%
	Med Lowland (90-180)	%	A	31.40	37.08	38.08	39.72	55.92	38.62	35.67	40.32	47.38	16.68	43.82	39.44	97.0%
	Lowland (above 180)	%	A	35.88	7.17	6.96	8.30	11.02	11.09	12.99	6.53	8.72	14.55	6.79	10.82	97.0%
	Very lowland (above 180)	%	A	8.86	7.63	6.70	3.53	3.51	5.74	4.21	2.96	6.79	3.10	5.70	5.22	93.1%
	Total (100)	%	A	100.00	100.00	98.90	100.09	100.00	96.47	100.02	100.38	83.29	100.00	99.85	97.58	100.0%
2.2.3	Crop Production															
2.3.1	Type of crop rotation															
(1)	Type A															
1)	Name of crop		Mustard	Mustard	Mustard	Mustard	Mustard	Mustard	Mustard	Mustard	Mustard	Boro	Mustard	-	-	
	Date of sowing/transplting		Oct	Oct	Oct	Oct	Nov	Oct	Oct	Oct	Oct	Jan	Oct	-	-	
	Date harvesting		Nov	Nov	Nov	Dec	Jan	Nov	Nov	Nov	Nov	May	Nov	-	-	
2)	Name of crop		Boro	Boro	Boro	Boro	Boro	Boro	Boro	Boro	Boro	Boro	Boro	-	-	
	Date of sowing/transplting		Dec	Dec	Dec	Dec	Aug	Dec	Dec	Dec	Dec	Dec	Dec	-	-	
	Date harvesting		Jan	Feb	Feb	Feb	Dec	Feb	Feb	Feb	Feb	Feb	Feb	-	-	

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Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail						
(2)	3) Name of crop	%	A	B Aman	B Aman	B Aman	Aman	Boro	B Aman	T Aman	B Aman	T Aman	T Aman	B Aman	-	90.1%			
	Date of sowing/transplting			Apr	Apr	Sep	Apr	Apr	Apr	May	Apr	Apr	Aug	B Aman	-				
	Date harvesting			May	May	Oct	Sep	May	May	Jun	May	May	Nov	-	-				
	4) Share			65.67	55.83	52.50	57.00	67.33	61.55	61.64	58.00	57.00	48.00	56.50	58.46				
	Type B																		
	1) Name of crop			Wheat	Wheat	Wheat	Wheat	Wheat	Wheat	Wheat	Wheat	Wheat	Wheat	Vegetables	Wheat		-		
	Date of sowing/transplting			Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Oct	Nov		-		
	Date harvesting			Dec	Dec	Dec	Dec	Mar	Dec	Dec	Dec	Dec	Dec	Dec	Dec		-		
	2) Name of crop			Jute	Jute	Jute	Jute	Jute	Jute	Jute	Jute	Jute	Jute	Wheat	Jute		-		
	Date of sowing/transplting			Mar	Mar	Mar	Mar	Mar	Mar	Mar	Mar	Mar	Mar	Nov	Mar		-		
	Date harvesting			Apr	Apr	Apr	Apr	Jul	Apr	Apr	Apr	Apr	Apr	Mar	Apr		-		
	3) Name of crop			Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Jute	Vegetables		-		
Date of sowing/transplting	Aug	Jul	Jul	Jun	Aug	Jul	Jul	Jul	Jul	Jul	Mar	Jun	-						
Date harvesting	Sep	Sep	Sep	Aug	Dec	Sep	Sep	Sep	Sep	Sep	Jul	Sep	-						
4) Share	23.67	34.17	32.13	28.27	21.00	31.73	27.09	32.50	30.67	34.00	31.88	29.82	90.1%						
Type C																			
1) Name of crop	Vegetables	Vegetables	Sugarcane	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Boro	Vegetables	-						
Date of sowing/transplting	Apr	Oct	Oct	Oct	Dec	Oct	Oct	Oct	Oct	Oct	Jan	Oct	-						
Date harvesting	Dec	Dec	Nov	Dec	Feb	Dec	Dec	Dec	Dec	Dec	Feb	Dec	-						
2) Name of crop	Fallow	Fallow		Fallow	Fallow	Fallow	Fallow	Fallow	Fallow	Jute		Fallow	-						
Date of sowing/transplting										Mar			-						
Date harvesting										Apr			-						
3) Name of crop	B Aman	Vegetables		Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables	Vegetables		Vegetables	-						
Date of sowing/transplting	Apr	Oct		Oct	Oct	Oct	Oct	Oct	Oct	Oct		Oct	-						
Date harvesting	May	Dec		Dec	Dec	Dec	Dec	Dec	Dec	Dec		Dec	-						
4) Share	10.67	10.00	12.88	14.73	11.67	10.36	9.91	11.50	10.11	18.00	11.63	11.77	90.1%						
Total (100)	100.00	100.00	97.50	100.00	85.71	103.64	98.64	85.00	73.33	83.33	72.73	90.15	100.0%						
2.2.4 Rice production and processing methods																			
(1) Land preparation																			
Mechanized and name of machines		A	73.33	66.67	57.50	55.45	77.86	69.09	73.00	48.50	58.89	64.17	60.00	63.32	96.0%				
Traditional and name of tools		A	21.67	33.33	42.50	44.55	22.14	34.00	27.00	51.50	41.11	35.83	40.00	36.76	95.0%				
House labor .men		A	35.83	65.00	60.38	70.91	66.14	54.09	148.00	58.36	59.38	40.17	56.88	67.60	91.1%				
House labor .women		A	4.50	5.00	9.00	11.67	3.00	7.64	85.70	6.18	5.14	5.67	5.25	15.96	84.2%				
Hired labor men		A	57.00	25.00	28.14	31.36	26.00	28.18	177.00	24.45	27.38	43.33	30.50	47.12	90.1%				
Hired labor women		A	6.25	10.00	6.86	6.11	4.86	9.18	12.60	10.55	8.57	10.00	7.75	8.65	83.2%				
(2) Seed sowing		in No																	
Mechanized and name of machines					40	10								-					
Traditional and name of tools		A	100.00	100.00	95.00	95.45	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.02	94.1%				
House labor .men		A	52.50	69.17	68.38	61.36	76.86	68.73	95.30	72.00	67.25	81.67	1,168.89	177.84	93.1%				
House labor .women		A	2.67	3.00	6.29	10.50	2.43	3.55	3.89	3.80	3.20	8.67	58.44	11.10	77.2%				
Hired labor men		A	44.67	25.00	24.00	20.91	18.71	21.64	88.00	20.00	30.38	16.25	247.89	53.27	91.1%				
Hired labor women		A	3.00	1.75	2.83	10.63	2.33	5.82	2.38	5.00	2.00	6.33	13.67	5.72	71.3%				
(3) Transplanting		in No																	
Mechanized and name of machines					40.00	10.00								15.00	5.9%				
Traditional and name of tools		A	100.00	100.00	95.00	95.45	100.00	100.00	100.00	99.50	100.00	100.00	100.00	98.96	94.1%				
House labor .men		A	38.17	50.00	55.88	51.36	52.29	53.00	141.60	50.09	46.25	25.00	47.50	58.59	91.1%				
House labor .women		A	3.75	1.75	2.57	8.89	3.29	4.10	3.33	2.78	3.20	5.00	3.13	3.93	74.3%				
Hired labor men		A	58.00	43.17	39.63	33.18	39.00	38.64	640.30	43.27	47.75	66.00	43.13	109.04	91.1%				
Hired labor women		A	2.67	5.00	3.00	10.63	4.71	6.10	5.13	4.80	4.57	10.00	6.25	5.76	73.3%				

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Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
(4)	Weeding	in No													
	Mechanized and name of machines	A	8.83	7.00	5.38	5.45	5.00	22.73	5.50	5.13	5.00	17.00	26.86	10.29	86.1%
	Traditional and name of tools	A	91.17	94.17	94.63	94.27	95.71	77.27	94.00	95.90	95.00	85.83	82.43	90.90	95.0%
	House labor .men	A	39.50	44.00	51.75	57.73	52.00	60.82	57.90	45.36	53.38	35.83	53.13	51.39	92.1%
	House labor .women	A	3.67	1.33	2.43	7.80	1.67	4.30	3.78	2.50	1.57	5.00	5.71	3.84	74.3%
	Hired labor men	A	55.50	45.00	41.63	28.09	42.57	28.64	1,539.90	45.36	40.57	56.67	41.00	207.41	90.1%
	Hired labor women	A	6.00	4.00	3.71	8.00	3.29	7.63	6.25	5.30	8.86	7.50	5.50	6.08	72.3%
(5)	Irrigation	in No													
	Mechanized and name of machines	A	96.50	89.17	95.00	90.45	94.57	93.73	91.50	92.50	94.38	96.67	89.83	92.99	91.1%
	Traditional and name of tools	A	3.50	10.83	5.00	9.55	6.33	6.27	6.90	7.50	16.11	6.67	20.75	9.24	87.1%
	House labor .men	A	90.50	93.33	96.25	84.55	95.00	99.50	136.50	94.55	87.50	81.00	98.13	97.31	90.1%
	House labor .women	A			10.00	10.00		1.00	5.00	10.00		5.00	5.00	6.57	6.9%
	Hired labor men	A	27.50	20.00	7.50	20.00	17.50	2.00	40.00	15.00	50.00	61.67	10.00	26.45	29.7%
	Hired labor women	A	2.00		5.00			2.00		5.00		5.00		3.80	5.0%
(6)	Fertilizer/Chemicals	in No													
	Mechanized and name of machines	A	50.00	5.00	14.20	10.00	10.00	10.00	5.00		2.00	50.00	10.00	15.75	24.8%
	Traditional and name of tools	A	90.00	99.17	91.13	95.45	98.57	99.09	99.50	100.00	99.56	83.33	98.75	96.54	92.1%
	House labor .men	A	91.67	88.33	85.00	77.27	90.43	90.50	78.50	82.27	76.25	65.83	88.13	82.95	91.1%
	House labor .women	A			15.00		2.00	10.00	1.00	10.00		5.00		8.29	6.9%
	Hired labor men	A	15.00	10.00	15.00	21.82	10.83	10.56	17.80	18.50	23.50	48.25	28.83	19.14	79.2%
	Hired labor women	A	5.00					1.00			2.00	3.50	6.00	3.86	6.9%
(7)	Harvesting	in No													
	Mechanized and name of machines									50					
	Traditional and name of tools	A	100.00	99.33	100.00	100.00	100.00	100.00	100.00	100.00	94.44	100.00	93.75	98.86	95.0%
	House labor .men	A	38.83	48.33	45.38	53.18	50.43	51.50	1,043.00	49.55	44.13	34.17	45.63	156.45	91.1%
	House labor .women	A			5.00	10.00	2.33	2.00	10.00	10.00	5.00	5.00	10.00	6.27	14.9%
	Hired labor men	A	60.00	46.50	52.25	43.00	46.86	49.10	2,041.70	46.82	52.63	62.17	50.86	274.02	89.1%
	Hired labor women	A	3.50	2.00	2.80	10.83	2.00	2.00	3.13	3.33	4.00	4.00	4.80	4.02	53.5%
(8)	Transportation	in No													
	Mechanized and name of machines	A	44.17	40.00	50.00	47.50	44.29	48.33	46.00	45.56	32.33	23.33	38.00	42.12	83.2%
	Traditional and name of tools	A	55.83	66.67	56.25	74.09	55.71	60.45	54.00	59.00	67.11	76.67	60.50	62.32	96.0%
	House labor .men	A	27.67	28.33	27.50	45.00	31.43	38.18	70.00	27.73	26.71	15.00	37.50	35.97	91.1%
	House labor .women		79.00		10.00	20.00				12.50		5.00	1.00	20.00	6.9%
	Hired labor men	A	69.00	62.50	66.25	53.18	61.43	57.00	1,062.00	60.91	64.71	75.83	56.00	175.28	88.1%
	Hired labor women	A	10.00	10.25	10.00		6.00	10.00	10.00	10.00	7.00	11.67	6.75	9.04	46.5%
(9)	Threshing	in No													
	Mechanized and name of machines	A	2.33	2.40	1.00	1.80	6.86	4.22	5.40	1.13	1.14	12.50	1.67	3.42	67.3%
	Traditional and name of tools	A	97.67	98.00	99.75	99.18	93.14	96.55	93.80	99.10	99.00	95.83	98.63	97.40	96.0%
	House labor .men	A	40.83	54.67	48.50	45.00	51.29	48.00	61.00	48.67	43.83	18.00	57.14	47.84	86.1%
	House labor .women	A	5.00	8.50	4.71	18.33	4.14	7.40	1.86	4.67	3.57	9.25	11.00	7.32	74.3%
	Hired labor men	A	51.33	47.20	44.13	29.09	42.71	43.40	543.90	42.67	49.67	65.83	31.80	103.92	83.2%
	Hired labor women	A	9.00	4.00	4.33	12.00	2.17	2.88	2.63	4.00	16.29	12.00	22.80	8.03	70.3%
(10)	Drying	in No													
	Mechanized and name of machines			2.00							70.00			36.00	2.0%
	Traditional and name of tools	A	100.00	99.67	100.00	100.00	100.00	100.00	100.00	100.00	92.22	100.00	100.00	99.23	96.0%
	House labor .men	A	10.00	75.00	7.50	17.50	5.33	22.33	56.75	13.50		22.00	22.50	22.03	40.6%
	House labor .women	A	56.67	21.20	20.00	61.50	14.57	22.00	517.80	19.64	15.71	25.83	33.57	86.98	85.1%
	Hired labor men	A	37.50	25.00	12.50	8.33	4.67	12.50	75.00	70.00		32.00	10.00	23.52	31.7%
	Hired labor women	A	25.83	75.00	75.00	16.11	81.14	67.50	266.00	76.00	84.29	35.00	58.57	85.10	81.2%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
(11)	Cleaning & Grading	in No													
	Mechanized and name of machines		5.00					1.00						3.00	2.0%
	Traditional and name of tools	A	99.17	100.00	100.00	100.00	100.00	99.91	100.00	100.00	100.00	100.00	100.00	99.93	94.1%
	House labor .men	A	11.67	60.00	24.00	21.88	10.50	9.00	63.40	13.00		15.00	12.50	23.30	37.6%
	House labor .women	A	52.50	19.00	19.14	41.00	16.40	49.50	516.00	18.18	16.67	29.17	32.50	88.40	84.2%
	Hired labor men	A	5.00	40.00	21.33	15.71	4.50	7.86	53.00	15.75	10.00	37.50	5.00	20.22	36.6%
	Hired labor women	A	40.00	80.00	75.71	31.50	84.00	41.50	270.10	70.91	84.29	37.50	63.75	83.84	86.1%
(12)	Milling	in No													
	Mechanized and name of machines	A	92.00	64.17	80.63	78.64	86.71	80.00	76.00	72.50	78.00	81.67	75.00	78.43	92.1%
	Traditional and name of tools	A	8.00	36.67	19.38	21.36	13.29	20.00	21.00	27.50	22.86	22.00	25.63	21.70	92.1%
	House labor .men	A		5.00			27.50	78.33		45.00	90.00	36.00	20.00	47.65	17.8%
	House labor .women	A	3.33	5.00	30.00		2.00	13.33	121.67	22.50	10.00	13.75		39.46	24.8%
	Hired labor men	A	90.00		93.00		30.00	12.50		56.67		48.50	80.00	61.86	21.8%
	Hired labor women	A	20.00	5.00	5.00		46.50	32.33	115.00	25.00	90.00	18.50		50.45	19.8%
(13)	Par-boiling/boiling	in No													
	Mechanized and name of machines	A	5.50	6.00	5.71	7.73	4.83	5.00	6.20	12.78	5.00	15.00	15.86	8.10	76.2%
	Traditional and name of tools	A	96.33	95.00	95.00	92.27	95.86	96.36	93.30	88.50	87.50	90.00	85.50	92.26	94.1%
	House labor .men	A	12.67	33.00	22.86	20.91	19.29	20.70	25.00	22.73	23.33	28.75	21.43	22.66	78.2%
	House labor .women	A	69.17	46.00	50.63	49.00	46.43	52.00	241.00	50.00	38.75	17.00	52.50	69.80	89.1%
	Hired labor men	A	11.75	14.00	15.88	10.91	12.40	13.75	13.75	17.00	16.67	37.50	13.57	15.29	74.3%
	Hired labor women	A	18.00	12.17	14.13	25.00	26.33	19.50	159.90	8.64	28.13	34.00	13.75	35.62	84.2%
(14)	Storage	in No													
	Mechanized and name of machines				5.00		20.00	1.50						7.00	4.0%
	Traditional and name of tools	A	100.00	100.00	99.38	100.00	97.14	99.73	100.00	100.00	100.00	100.00	100.00	99.69	93.1%
	House labor .men	A	50.83	78.00	73.75	49.09	72.29	70.90	516.00	72.27	66.25	37.50	75.00	115.00	90.1%
	House labor .women	A	33.33	22.50	25.00	30.00	20.57	25.10	270.00	26.36	23.75	20.83	24.38	53.24	88.1%
	Hired labor men	A	27.50		10.00	16.25	7.50	10.00	251.00	5.00	12.50	26.25	5.00	35.92	24.8%
	Hired labor women	A	10.00		15.00	20.00	20.00	30.00	1,002.67	5.00	8.33	24.17		121.54	27.7%
(15)	Marketing	in No													
	Mechanized and name of machines		15.00		5.00		95.00		20.00		43.00			38.89	9.9%
	Traditional and name of tools	A	97.50	100.00	99.38	100.00	86.43	100.00	100.00	98.18	100.00	64.17	100.00	96.20	94.1%
	House labor .men	A	85.83	79.00	82.13	78.64	86.14	80.91	80.50	80.91	81.25	67.50	79.38	80.33	91.1%
	House labor .women	A	5.00	8.00	5.00	7.50	4.33	7.57	5.00	6.11	6.88	7.50	5.00	6.27	59.4%
	Hired labor men	A	17.50	15.00	16.86	18.00	11.29	13.82	65.00	14.50	11.88	36.00	15.63	21.99	84.2%
	Hired labor women	A	5.00		5.00	2.50	5.00		5.00		5.00	5.00		4.50	9.9%
2.2.5	Services of Extension Workers	in No													
(1)	Number of agricultural extension workers	T	18	19	18	33	23	30	27	33	27	18	34	280	96.0%
(2)	Frequency of visit to farmers	A	2.67	6.00	2.60	11.18	2.00	2.64	2.73	6.25	4.64	4.83	5.57	4.89	97.0%
2.2.7	Cooperative Activities														
(1)	Number of Villagers Organizations														
	Farmers' cooperatives	in No. T	103	28	69	60	552	88	131	46	13	99	76	1,265	84.2%
	Credit group	in No. T	40	39	18	5	11	81	85	124	14	24	64	505	68.3%
	Water management association	in No. T	-	-	2	7	1	4	2	43	21	2	5	87	34.7%
	Fishery Cooperative Association	in No. T	2	9	29	6	11	16	25	47	11	23	17	196	65.3%
	Others	in No. T	54	13	23	117	10	37	39	15	71	78	12	469	76.2%
	Total	in No. T	199	89	141	195	585	226	282	275	130	226	174	2,522	100.0%
(2)	Organization Ratio by house holding in cooperative association														
	Farmers' cooperatives	% A	18.00	18.50	28.63	57.60	10.03	18.43	22.09	25.89	25.19	20.00	24.36	26.14	84.2%
	Credit group	% A	23.00	25.00	28.20	16.00	13.50	26.88	26.50	33.13	24.94	12.50	32.75	26.23	62.4%
	Water management association	% A			10.00	15.00	4.50	2.63	8.67	12.44	6.50	8.00	9.60	8.19	38.6%
	Fishery Cooperative Association	% A	6.50	6.80	26.50	9.75	4.00	3.75	8.67	3.00	2.69	12.00	4.57	7.65	62.4%
	Others	% A	6.50	8.80	8.00	72.18	6.00	16.38	7.95	8.00	6.13	13.75	7.83	19.42	67.3%
	Total	% A	21.00	56.50	72.63	135.50	16.60	51.17	62.86	58.17	43.08	36.17	59.73	59.37	100.0%
2.2.8	Production cost														

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
2.2.9 (1)	Are there any survey information /data on															
	Rice	A	7,933.33	4,700.00	7,500.00	7,309.09	9,650.00	9,654.55	9,411.11	6,600.00	6,008.33	5,083.33	6,854.55	7,435.64	93.1%	
	Jute	A	6,125.00	4,000.00	3,960.00	4,500.00	1,928.57	3,188.89	-	2,500.00	2,133.33	4,550.00	4,394.44	3,367.42	65.3%	
	Wheat	A	6,150.00	2,750.00	6,240.00	4,750.00	2,771.43	4,044.44	812.50	775.00	1,100.00	5,080.00	4,666.67	3,816.92	64.4%	
	Vegetables	A	14,300.00	5,900.00	14,833.33	13,427.27	20,242.86	15,500.00	24,444.44	13,400.00	13,500.00	11,783.33	11,463.64	14,643.48	91.1%	
	Oilseeds	A	3,133.33	3,075.00	3,583.33	3,872.73	1,914.29	3,327.27	2,155.56	3,030.00	5,641.67	4,666.67	4,500.00	3,665.17	88.1%	
	Pulses	A	3,075.00	2,900.00	2,916.67	3,081.82	1,900.00	2,886.36	1,777.78	2,622.22	2,866.67	3,550.00	2,590.91	2,714.84	90.1%	
	Livestock															
	Number of animals and source of feed in your Union (2002 – 03)															
	1)	Cattle														
		Number of animals	T	24,053	21,300	64,200	11,625	61,192	28,408	41,320	36,185	50,728	53,932	64,250	457,193	99.0%
		Rice straw	C	6	6	8	11	7	11	11	12	12	6	11	101	100.0%
		Green Fodder	C	6	5	8	11	7	11	11	12	12	6	11	100	99.0%
		Waste of human food	C	3	-	-	-	1	1	1	3	1	1	4	15	14.9%
		Farmer's own produced cereal feed	C	3	1	5	-	3	1	2	2	1	-	4	22	21.8%
	Procured cereal feed	C	6	6	8	7	7	10	10	10	12	3	11	90	89.1%	
2)	Buffalo															
	Number of animals	T	277	45	863	810	230	60	1,768	535	350	1,144	155	6,237	72.3%	
	Rice straw	C	6	3	5	9	4	2	11	12	12	6	5	75	74.3%	
	Green Fodder	C	6	3	5	9	4	2	11	12	12	6	5	75	74.3%	
	Waste of human food	C	2	-	-	-	1	-	1	2	1	1	3	11	10.9%	
	Farmer's own produced cereal feed	C	1	-	4	-	1	1	2	3	1	-	3	16	15.8%	
	Procured cereal feed	C	6	4	5	6	2	4	10	10	10	3	5	65	64.4%	
3)	Goat / sheep															
	Number of animals	T	13,020	31,500	30,224	26,700	53,739	43,300	78,320	12,850	27,300	16,847	89,350	423,150	99.0%	
	Rice straw	C	4	2	5	6	1	3	6	6	8	2	4	47	46.5%	
	Green Fodder	C	6	5	8	10	6	11	10	12	12	6	11	97	96.0%	
	Waste of human food	C	3	1	1	-	2	3	1	2	3	-	4	20	19.8%	
	Farmer's own produced cereal feed	C	2	1	1	4	1	-	2	2	1	-	3	17	16.8%	
	Procured cereal feed	C	5	1	7	3	3	4	-	1	3	1	6	34	33.7%	
4)	Fowls															
	Number of animals	T	191,400	63,800	172,390	94,160	221,074	302,000	198,125	88,000	204,460	372,313	169,500	2,077,222	99.0%	
	Rice straw	C	1	-	-	1	-	-	-	-	-	-	-	2	2.0%	
	Green Fodder	C	3	-	-	1	1	2	-	-	1	-	-	8	7.9%	
	Waste of human food	C	6	3	8	8	6	11	11	12	12	6	11	94	93.1%	
	Farmer's own produced cereal feed	C	3	2	1	7	2	4	1	3	2	2	1	28	27.7%	
	Procured cereal feed	C	5	-	8	7	5	4	2	1	2	6	6	46	45.5%	
5)	Ducks															
	Number of animals	T	33,322	15,200	21,318	16,225	71,195	61,300	51,470	15,640	26,884	56,427	57,600	426,581	98.0%	
	Rice straw	C	1	-	-	-	-	-	-	-	-	-	-	1	1.0%	
	Green Fodder	C	2	-	-	-	1	2	-	-	1	-	-	6	5.9%	
	Waste of human food	C	5	1	6	6	5	8	6	3	6	6	7	59	58.4%	
	Farmer's own produced cereal feed	C	1	-	2	5	4	1	1	3	7	2	1	27	26.7%	
	Procured cereal feed	C	5	-	5	2	3	4	2	1	5	5	6	38	37.6%	
(2)	Seriousness of major problems in animal															
1)	Feed supply															
	High	C	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Medium	C	5	6	7	11	5	11	11	11	11	6	8	92	91.1%	
	Low	C	-	-	1	-	2	-	-	1	1	-	3	8	7.9%	
	Countermeasures															

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Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
2)	Water supply in dry season														
	High	C	1	-	-	-	-	-	-	1	-	-	-	2	2.0%
	Medium	C	3	6	7	11	7	11	9	10	11	4	10	89	88.1%
	Low	C	2	-	2	-	-	-	2	1	1	2	1	11	10.9%
	Countermeasures													-	-
3)	Vaccination														
	High	C	3	3	2	10	5	8	10	10	3	5	10	69	68.3%
	Medium	C	1	1	2	1	2	2	-	1	2	1	1	14	13.9%
	Low	C	-	3	3	-	1	1	-	1	1	-	-	10	9.9%
	Countermeasures		v								v			-	-
4)	Shelter at flooding														
	High	C	2	-	3	1	-	-	-	1	1	-	-	8	7.9%
	Medium	C	2	1	-	4	-	-	1	1	-	4	1	14	13.9%
	Low	C	2	3	5	6	7	11	8	10	11	2	10	75	74.3%
	Countermeasures													-	-
5)	Easiness of access to veterinary surgeon														
	High	C	1	1	-	4	-	-	-	-	2	1	-	9	8.9%
	Medium	C	2	3	7	6	6	7	10	11	9	1	8	70	69.3%
	Low	C	1	1	1	1	1	4	-	1	1	3	3	17	16.8%
	Countermeasures		v											-	-
2.2.10	Fisheries														
1	How many farmers with fisheries and specialized fishers are working in your Union ?														
(i)	Farmers with fisheries														
	Open water fisheries	T	1,060	6,120	2,846	1,120	2,448	11,140	6,480	7,300	1,926	656	3,980	45,076	92.1%
	Aquaculture	T	-	-	194	51	16	612	1,500	850	72	56	320	3,671	27.7%
	Fishery in water bodies	T	6,080	1,900	1,152	4,992	1,727	2,295	1,915	2,840	1,131	1,508	1,539	27,079	93.1%
	Others (fish processing and fish dealers)	T	300	-	-	5	200	-	-	-	-	-	-	505	4.0%
(ii)	Specialized fishers.														
	Open water fisheries	T	7,220	2,812	920	1,051	747	3,922	890	2,257	493	465	2,445	23,222	94.1%
	Aquaculture	T	-	1,600	210	1,165	632	1,407	1,771	1,490	968	413	980	10,636	64.4%
	Fishery in water bodies	T	150	-	337	185	85	200	-	800	8	635	400	2,800	22.8%
	Others (fish processing and fish dealers)	T	920	-	-	-	-	-	-	-	-	-	-	920	5.0%
(2)	Open water fisheries														
1)	Name of major species		Rui	Rui	Rui, Catla	Rui	Rui, Catla, Mriga	Rui	Rui	Rui	Rui	Rui	Rui		
	Fishing place		Pond	River, Beel	Pond, Waterbodie	Pond, Beel	River, Khal	River, Beel	River, Beel	River, Beel	River, Khal	River, Beel	River, Beel		
	Total Catch/year (kg)	T	5,900	11,880	17,200	15,050	14,650	230,900	13,600	69,950	9,150	14,700	84,980	487,960	89.1%
	Sold fish /production (%)	A	50.00	46.00	66.43	51.50	42.50	124.73	29.09	44.17	33.50	58.33	55.91	56.13	92.1%
	Selling price (Tk/kg)	A	81.00	118.33	112.50	101.82	110.00	113.00	97.27	97.50	99.58	93.33	116.82	104.13	99.0%
	Change														
	Increase	C	4	2	2	-	1	-	1	1	1	3	-	15	14.9%
	Constant	C	-	-	-	-	-	3	-	1	1	-	-	5	5.0%
	Decrease	C	2	5	6	11	4	8	10	10	11	3	8	78	77.2%
2)	Major species		Catla	Catla	Mrigal	Catla	oi, Shingi, Magu	Catla	Catla	Catla	Catla	Catla	Catla		
	Fishing place		Pond	River, Beel		River, Khal	Beel, Haor	Floodplain	Floodplain	Floodplain	Floodplain	Pond, Khal	Floodplain		
	Total Catch/year (kg)	T	3,000	2,000	2,600	9,450	-	117,900	1,500	12,700	2,000	8,300	3,000	162,450	29.7%
	Sold fish /production (%)	A	-	70.00	56.67	51.67	-	61.00	50.00	53.33	25.00	56.67	90.00	53.88	24.8%
	Selling price (Tk/kg)	A	93.33	100.00	97.14	90.91	111.67	107.00	98.18	91.67	98.33	91.67	103.13	98.19	90.1%
	Change														
	Increase	C	1	-	1	-	1	-	1	-	-	3	-	7	6.9%
	Constant	C	-	-	-	-	-	3	-	1	1	-	-	5	5.0%
	Decrease	C	2	5	6	11	4	8	10	10	11	3	7	77	76.2%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No	Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied
		Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
3) c.Major species		Mrigal	Mrigal Floodplain	Sarpunti Khal	Mrigal	Tengra, Punt	Mrigal Khal	Mrigal Khal	Mrigal Khal	Mrigal Khal	Mrigal Pond, Khal	Mrigal Khal	-	-
Fishing place													-	-
Total Catch/year (kg)	T	4,500	-	2,100	13,235	-	120,500	1,500	13,700	1,200	16,500	700	173,935	24.8%
Sold fish /production (%)	A			56.67	51.67		30.00	50.00	53.33		61.67	95.00	55.00	20.8%
Selling price (Tk/kg)	A	80.00	100.00	100.00	76.82	99.17	111.00	87.27	88.75	87.50	76.67	100.00	91.58	91.1%
Change														
Increase	C	1	-	2	-	1	-	1	-	-	3	-	8	7.9%
Constant	C	-	-	-	-	-	3	-	1	3	-	-	7	6.9%
Decrease	C	2	5	6	11	4	8	10	10	9	3	8	76	75.2%
4) d.Major species		Silvercarp	Punti Khal	Small Fish Khal, Beel	Punti	Chingree, Mola	Boal Khal	Punti Khal	Punti Khal	Punti Khal	Sarpunti Pond, Khal		-	-
Fishing place													-	-
Total Catch/year (kg)	T	800	-	2,600	12,360	-	150,500	1,500	7,700	600	17,900	2,000	195,960	24.8%
Sold fish /production (%)	A			56.67	56.11		45.00	50.00	50.00		70.00	85.00	57.27	21.8%
Selling price (Tk/kg)	A	90.00	82.00	77.50	64.55	65.00	73.00	82.73	77.08	74.17	66.67	72.14	74.29	90.1%
Change														
Increase	C	-	-	-	-	1	-	1	-	-	2	-	4	4.0%
Constant	C	-	-	-	-	-	3	-	1	3	-	-	7	6.9%
Decrease	C	3	5	8	11	4	8	10	10	10	4	7	80	79.2%
5) e.Major species		Sarpunti	Tengra		Tengra	Shol	Punti, Tengra Khal	Mola Khal	Tengra Khal	Tengra Khal	Pangas Pond		-	-
Fishing place													-	-
Total Catch/year (kg)	T	600	-	3,600	9,850	-	20,300	1,500	1,780	600	19,000	1,500	58,730	24.8%
Sold fish /production (%)	A			56.67	53.89		45.00	50.00	51.67		73.33	75.00	56.59	21.8%
Selling price (Tk/kg)	A	130.00	78.00	84.29	65.91	93.33	72.78	82.73	84.09	89.00	83.33	72.14	81.86	86.1%
Change														
Increase	C	-	-	-	-	1	-	1	-	-	2	-	4	4.0%
Constant	C	-	-	-	-	-	3	-	1	2	-	-	6	5.9%
Decrease	C	3	5	7	11	4	8	10	10	8	4	7	77	76.2%
6) e.Major species			Mola			Shol, Magur, Shin Khal	Tengra Khal	Mola Khal					-	-
Fishing place													-	-
Total Catch/year (kg)	T	200	-	1,600	183	-	-	-	12,700	-	-	-	14,683	9.9%
Sold fish /production (%)	A			80.00	20.00				53.33				44.44	8.9%
Selling price (Tk/kg)	A	75.00	80.00	92.00	63.00	85.00	76.25	80.00	90.00	90.00	130.00	75.00	83.40	46.5%
Change														
Increase	C	-	-	-	-	-	-	1	-	-	-	-	1	1.0%
Constant	C	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
Decrease	C	2	4	5	5	1	4	6	10	2	2	4	45	44.6%
(3) Aquaculture													-	-
1) Name of major fish species		Rui	Rui	Rui, Catla, Mriga	Rui	Rui, Catla	Rui	Rui	Rui	Rui	Rui	Rui	-	-
Culturing year period		Apr-Dec	Jun-Jul	Jun-Jul	Jun-Jul	May, Jun	Jun-Jul	Jun-Jul	Jun-Jul	Jun-Jul	Jun-Jul	Jun-Jul	-	-
Source of finhgerling											Own Hatcheries	Hatcheries	-	-
Type of water body			Pond	Pond	Pond	Pond	Pond	Pond	Pond	Pond	Pond	Pond	-	-
Sold fish production(%)	A	75.83	85.83	85.63	86.82	91.67	88.36	81.00	86.55	81.36	74.17	83.82	84.08	96.0%
Selling price (Tk/kg)	A	71.00	75.00	82.50	95.45	89.17	76.36	65.00	76.36	71.82	141.67	82.50	82.58	95.0%
Change of fish production in last few years													-	-
Start	in Kg												-	-
End													-	-

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
2)	Name of major fish species	in Kg	Catal	Catla Jun-Jul	Silvercarp Jun-Jul	Catla Jun-Jul	Mrigal, Carpio	Catla Jun-Jul	Catla Jun-Jul	Catla Jun-Jul	Catla Jun-Jul	Catla Jun-Jul	Catla Jun-Jul	-	-	
	Culturing year period		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Source of finhgerling		-	-	-	-	-	-	-	-	-	Own Hatcheries	Hatcheries	-	-	
	Type of water body		-	Pond	Pond	Pond	-	Pond	Pond	Pond	Pond	Pond	Beel	-	-	
	Sold fish production(%)		A	-	-	76.67	85.00	-	90.00	50.00	85.00	-	68.33	90.00	79.13	22.8%
	Selling price (TK/kg)		A	76.67	64.00	67.14	83.18	82.00	73.64	65.45	71.82	71.82	137.50	75.00	77.25	92.1%
	Change of fish production in last few years		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Start		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	End		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3)		Name of major fish species	in Kg	Mrigal	Mrigal Jun-Jul	Sarpunti Jun-Jul	Mrigal Jun-Jul	Pangas, Sarpunt	Mrigal Jun-Jul	Mrigal Jun-Jul	Mrigal Jun-Jul	Mrigal Jun-Jul	Mrigal Jun-Jul	Mrigal Jun-Jul	-
Culturing Year/ period		-	-		-	-	-	-	-	-	-	-	-	-	-	
Source of finhgerling		-	-		-	-	-	-	-	-	-	Own Hatcheries	Hatcheries	-	-	
Type of water body		-	Pond		Pond	Pond	-	Pond	Pond	Pond	Pond	Pond	River	-	-	
Sold fish production(%)		A	-		-	76.67	83.33	-	90.00	60.00	85.00	-	75.00	90.00	81.43	20.8%
Selling price (TK/kg)		A	73.33		52.00	71.25	70.45	74.00	78.18	57.50	65.45	57.50	128.33	73.00	71.39	90.1%
Change of fish production in last few years		-	-		-	-	-	-	-	-	-	-	-	-	-	-
Start		-	-		-	-	-	-	-	-	-	-	-	-	-	-
End		-	-		-	-	-	-	-	-	-	-	-	-	-	-
4)		Name of major fish species	in Kg		Silvercarp	Carpio Jun-Jul	-	Sarpunti Jun-Jul	Punti, Chingree	Carpio Jun-Jul	Carpio Jun-Jul	Carpio Jun-Jul	Carpio Jun-Jul	Carpio Jun-Jul	Carpio Jun-Jul	-
	Culturing Year/ period	-		-	-	-	-	-	-	-	-	-	-	-	-	
	Source of finhgerling	-		-	-	-	-	-	-	-	-	Own Hatcheries	Hatcheries	-	-	
	Type of water body	-		Pond	-	Pond	-	Pond	Pond	Pond	Pond	Pond	River	-	-	
	Sold fish production(%)	A		-	-	77.50	85.56	80.00	90.00	40.00	90.00	-	77.50	50.00	80.50	19.8%
	Selling price (TK/kg)	A		50.00	34.00	41.67	56.36	72.00	63.18	46.00	52.50	42.80	130.00	65.50	58.64	86.1%
	Change of fish production in last few years	-		-	-	-	-	-	-	-	-	-	-	-	-	-
	Start	-		-	-	-	-	-	-	-	-	-	-	-	-	-
	End	-		-	-	-	-	-	-	-	-	-	-	-	-	-
	5)	Name of major fish species		in Kg	Sarpunti	-	-	Pangas Jun-Jul	-	-	-	-	-	Pangas Jun-Jul	-	-
Culturing year period		-	-		-	-	-	-	-	-	-	-	-	-	-	
Source of finhgerling		-	-		-	-	-	-	-	-	-	Own Hatcheries	-	-	-	
Type of water body		-	-		-	Pond	-	-	-	-	-	Pond	-	-	-	
Sold fish production(%)		A	-		-	80.00	81.67	60.00	90.00	-	90.00	-	82.50	80.00	81.25	15.8%
Selling price (TK/kg)		A	50.00		-	58.00	56.11	90.00	54.17	50.00	60.00	36.67	55.00	54.00	54.87	39.6%
Change of fish production in last few years		-	-		-	-	-	-	-	-	-	-	-	-	-	-
Start		-	-		-	-	-	-	-	-	-	-	-	-	-	-
End		-	-		-	-	-	-	-	-	-	-	-	-	-	-
(3.2.2.1)		How many nurseries in your Union	(in Nos.)		T	-	-	-	5	-	-	8	-	-	-	13
	By private	14		8	9	78	20	25	140	12	13	20	7	346	60.4%	
(3.2.2.2)	How many Hatcheries in your Union?	(in Nos.)	T	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	By private		-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
(3.3)	Seriousness of damages in aquaculture	(in Nos.)	T	-	2	1	10	-	7	165	4	7	6	1	203	32.7%
	By private		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	Damage by Fish diseases	in Nos.	C	1	1	1	-	-	2	1	1	-	-	7	6.9%	
	Serious		4	5	7	11	6	9	10	10	12	3	9	86	85.1%	
	Medium		1	-	-	-	-	-	1	-	-	3	1	6	5.9%	
	Low		-	-	-	-	-	-	-	-	-	-	-	-	-	
2)	Loss by flooding	in Nos.	C	5	5	8	11	6	11	8	9	12	3	10	88	87.1%
	Serious		1	1	-	-	-	1	2	1	-	3	1	10	9.9%	
	Medium		-	-	-	-	-	-	-	1	1	-	-	-	2	2.0%
	Low		-	-	-	-	-	-	-	-	-	-	-	-	-	
Mitigation measure			-	-	-	-	-	-	-	-	-	-	-	-	-	

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
3)	Shortage of water															
	Serious	C	-	-	-	1	-	-	1	-	-	-	1	3	3.0%	
	Medium	C	3	-	4	5	-	5	4	4	2	5	2	34	33.7%	
	Low	C	3	6	4	5	5	6	6	7	10	1	8	61	60.4%	
	Mitigation measure													-	-	
4)	Shortage of fingerling supply															
	Serious	C	1	-	1	4	-	-	1	1	-	-	-	8	7.9%	
	Medium	C	1	2	1	2	1	8	3	2	3	5	2	30	29.7%	
	Low	C	4	4	6	5	4	3	7	8	9	1	9	60	59.4%	
	Mitigation measure													-	-	
5)	Damage by Water Pollution															
	Serious	C	-	-	-	-	-	-	-	-	-	-	1	1	1.0%	
	Medium	C	1	-	1	1	2	-	1	1	-	-	-	7	6.9%	
	Low	C	4	1	5	4	1	6	2	3	1	6	2	35	34.7%	
	Mitigation measure													-	-	
6)	Damages by others(Please specify)															
	Serious	C	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Medium	C	-	-	-	-	-	-	1	-	-	-	-	1	1.0%	
	Low	C	-	-	-	-	-	-	-	-	-	-	1	1	1.0%	
	Mitigation measure													-	-	
(4)	Is there any facility of fish storage in your Union ?															
	Yes	C	3	-	-	-	-	1	-	-	-	-	-	4	4.0%	
	No	C	1	-	1	5	1	2	9	7	1	5	2	34	33.7%	
(4.1)	How many Ice factory and storage capacity in your Union															
	Number of Ice factory		v											-	-	
	Capacity													-	-	
(4.2)	How many refrigerated/ Ice van and capacity															
	Number of refrigerated/Ice van	in No	v											-	-	
	Capacity	in MT												-	-	
2.2.11	Marketing															
1	How many markets in your Union ?															
	Number of daily markets	in No	T	27	16	14	34	27	38	49	46	30	25	40	346	92.1%
	Number of 1 - 3 markets in a week		T	15	16	6	78	20	30	42	54	45	38	42	386	93.1%
	Total	in No.	T	36	24	14	92	47	59	93	83	75	70	73	666	97.0%
2	Registration by: Union Parishad or other organization (Please specify)															
	Upazila	C	2	-	-	-	-	-	2	-	-	-	-	4	4.0%	
	Union Parishad	C	2	4	4	11	7	10	3	11	12	5	7	76	75.2%	
	Others	C	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
2.2.1	Management by : Union Parishad or other organization (please specify)															
	Upazila	C	2	-	-	-	-	-	2	-	-	-	-	4	4.0%	
	Union Parishad	C	1	4	3	11	7	8	4	10	12	5	7	72	71.3%	
	Others	C	1	-	-	-	-	-	-	-	-	-	-	1	1.0%	
3	Selling methods															
1)	Selling to															
	Self	A													0.0%	
	Through middlemen	A	52.83	73.33	61.25	52.27	56.43	54.55	50.45	59.09	56.67	58.33	64.00	57.49	99.0%	
	Contract	A	42.17	32.00	48.33	47.73	42.86	44.55	48.00	47.78	45.00	40.00	34.00	43.53	93.1%	
	Through cooperatives	%	10.00		10.00			10.00	20.00			5.00	5.00	9.38	7.9%	
	Others	A	5.00		10.00					10.00		5.00	3.00	5.20	5.0%	
	2) Selling by															
	Independently	A	85.83	73.33	62.86	53.64	57.50	56.82	52.50	62.73	57.50	91.67	66.00	63.23	98.0%	
	Jointly	A	17.00	32.00	52.00	46.36	42.50	47.50	47.78	45.56	44.17	12.50	48.57	42.23	82.2%	

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
4	Major transportation for marketing														
1)	Rice,														
	Walking	A	41.67	22.00	33.25	24.55	23.57	25.45	19.09	20.00	25.83	30.00	35.45	26.78	100.0%
	Cart	A	11.33	4.00	7.43	9.38	5.67	6.43	6.40	9.00	9.00	16.00	6.67	8.35	80.2%
	Richshaw	A	10.17	8.75	11.00	9.50	5.71	6.00	13.14	8.00	8.75	5.00	7.00	8.73	79.2%
	Van	A	25.00	45.00	47.00	53.18	50.71	49.09	47.22	49.36	48.17	47.50	35.91	45.95	97.0%
	Refrigerated/Ice van	A		3.00			10.00							6.50	2.0%
	Truck	A	8.00	19.00	3.50	10.00	10.67	11.73	25.60	17.43	9.14	10.00	20.00	13.35	62.4%
	Boat	A	11.00	20.00	10.00		6.00	11.83		15.00	9.13	11.67	14.29	11.67	37.6%
	Distance from farm to markets farmers usually sell products	A		3.50	2.00		6.00	4.00	2.00	4.50		3.50		3.63	90.1%
2)	Jute														0.0%
	Walking	A	31.00	25.00	20.63	18.50	17.86	21.82	18.13	23.18	22.08	25.00	25.63	22.01	88.1%
	Cart	A	20.00		10.83	11.00	3.80	8.75	8.50	17.33	14.00	18.00	8.33	11.65	43.6%
	Richshaw	A	9.20		4.80	10.00	7.00	5.00	16.67	10.00	12.00		15.00	10.15	38.6%
	Van	A	35.60	70.00	65.50	67.00	65.71	54.09	60.00	53.91	58.33	36.25	58.00	57.78	88.1%
	Refrigerated/Ice van	A													0.0%
	Truck	A	4.33	6.67	4.00	6.25	7.50	14.00	17.67	8.29	6.75	11.00	26.00	10.50	50.5%
	Boat	A	12.00	5.00	10.00		10.00	16.00		17.33	10.50	20.33	18.75	14.09	33.7%
	Distance from farm to markets farmers usually sell products	A			2.00		6.00	3.50	3.38	7.00		3.50		4.28	79.2%
3)	Vegetables														0.0%
	Walking	A	55.00	42.50	48.13	47.73	44.33	54.55	33.57	43.64	46.36	27.00	50.63	45.71	85.1%
	Cart	A	20.00			5.00	1.00		10.00					9.00	4.0%
	Richshaw	A	11.25	15.00	13.57	9.50	13.17	12.50	17.67	12.78	16.36		21.43	14.28	68.3%
	Van	A	20.00	25.00	38.13	39.55	33.50	24.09	29.29	35.91	28.36	67.00	29.44	33.41	85.1%
	Refrigerated/Ice van	A													0.0%
	Truck	A		20.00	3.00	13.33	10.40	15.00	18.75	20.00	8.75	20.00	22.50	14.28	38.6%
	Boat	A	17.50	20.00			1.00	10.50		5.00	10.60	10.00		10.69	15.8%
	Distance from farm to markets farmers usually sell products	A			2.00			3.50		1.50		2.00	1.00	2.25	42.6%
4)	Potato														0.0%
	Walking	A					60.00		20.00				70.00	50.00	4.0%
	Cart	A							10.00					10.00	1.0%
	Richshaw	A													0.0%
	Van	A					40.00		40.00				25.00	35.00	3.0%
	Refrigerated/Ice van	A													0.0%
	Truck	A							30.00					30.00	1.0%
	Boat	A											5.00	5.00	2.0%
	Distance from farm to markets farmers usually sell products	A					6.00							6.00	2.0%
5)	Wheat														0.0%
	Walking	A			40.00	20.00	38.00	65.00	25.00		60.00	68.33		45.88	16.8%
	Cart	A			20.00		5.00	8.33	5.00		3.00	18.00		9.50	7.9%
	Richshaw	A			10.00	5.00	13.25				12.00			11.43	6.9%
	Van	A			30.00	72.50	46.40	21.67	55.00		20.00	22.33		39.35	16.8%
	Refrigerated/Ice van	A													0.0%
	Truck	A				10.00	7.50	10.00	25.00			10.00		11.67	5.9%
	Boat	A					5.00	5.00			5.00			5.00	3.0%
	Distance from farm to markets farmers usually sell products	A					60.00					2.00		31.00	10.9%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
6)	Banana														
	Walking	A				20.00			10.00		40.00	12.50		19.17	5.9%
	Cart	Km A				5.00			30.00		10.00	30.00		16.00	5.0%
	Richshaw	A				10.00			5.00		15.00			10.00	3.0%
	Van	% A				65.00			25.00		25.00	85.00		59.55	10.9%
	Refrigerated/Ice van	A							30.00					30.00	1.0%
	Truck	A				5.00			33.00			20.00		23.14	6.9%
	Boat	A							7.50		10.00			8.33	3.0%
	Distance from farm to markets farmers usually sell products	A							1.50			3.50		2.83	8.9%
7)	Mustard														0.0%
	Walking	A	54.50		40.00	70.00	29.40	20.00		22.50	35.00	65.00	40.00	39.47	17.8%
	Cart	A	11.50				9.50			17.50	5.00	10.00		10.78	8.9%
	Richshaw	A	11.50		20.00	10.00	14.75	10.00		10.00	15.00		20.00	14.00	12.9%
	Van	% A	12.50		40.00	20.00	48.80	70.00		55.00	32.50	30.00	40.00	39.65	16.8%
	Refrigerated/Ice van	A													0.0%
	Truck	A					8.33							8.33	3.0%
	Boat	A	20.00				6.00				12.50			12.75	5.0%
	Distance from farm to markets farmers usually sell products	A					6.00			7.00				6.50	10.9%
8)	Sugarcane														0.0%
	Walking	A	30.00		10.00								10.00	16.67	3.0%
	Cart	A	25.00		10.00								10.00	15.00	3.0%
	Richshaw	A	3.00											3.00	1.0%
	Van	% A	27.00		60.00								70.00	52.33	4.0%
	Refrigerated/Ice van	A													0.0%
	Truck	A	3.00		10.00								90.00	34.33	3.0%
	Boat	A	12.00		10.00								20.00	14.00	4.0%
	Distance from farm to markets farmers usually sell products	A								7.00				7.00	4.0%
9)	Oilseed														0.0%
	Walking	A													0.0%
	Cart	A													0.0%
	Richshaw	A											60.00	60.00	1.0%
	Van	% A											40.00	40.00	1.0%
	Refrigerated/Ice van	A													0.0%
	Truck	A													0.0%
	Boat	A													0.0%
	Distance from farm to markets farmers usually sell products	A													0.0%
10)	Pulses														0.0%
	Walking	A													0.0%
	Cart	A													0.0%
	Richshaw	A													0.0%
	Van	% A													0.0%
	Refrigerated/Ice van	A													0.0%
	Truck	A													0.0%
	Boat	A													0.0%
	Distance from farm to markets farmers usually sell products	A													0.0%
11)	Pineapple														0.0%
	Walking	A				33.75			35.00					34.38	7.9%
	Cart	A				8.75			40.00					15.00	5.0%
	Richshaw	A				8.33			40.00					16.25	4.0%
	Van	% A				47.50			15.00					36.67	5.9%
	Refrigerated/Ice van	A							20.00					20.00	1.0%
	Truck	A							5.00					21.67	5.9%
	Boat	A												27.50	3.0%
	Distance from farm to markets farmers usually sell products	A								1.25				1.25	5.9%
12)	Chilli	A													0.0%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
5	Walking	A													0.0%	
	Cart	A													0.0%	
	Richshaw	A													0.0%	
	Van	A													0.0%	
	Refrigerated/Ice van	A													0.0%	
	Truck	A													0.0%	
	Boat	A													0.0%	
	Distance from farm to markets farmers usually sell products	A													0.0%	
	What type of complains raised by the farmers in your Union (O yes)															
	Distance of market	C	3	5	5	11	5	7	11	10	12	6	11	86	85.1%	
Poor condition of rural road	C	6	6	8	11	7	10	11	11	12	6	11	99	98.0%		
Lack of market information	C	1	1	1	-	-	-	-	1	1	3	-	8	7.9%		
Others									Unaothorized		Lack of storage		-	-		
2.3	Collection of data on food consumption and human security in rural areas															
2.3.1	Food consumption and nutrition problems															
(1)	Breakfast															
	Not take	A	2.60	2.83	2.29	2.09	10.20	4.22	3.00	2.88	2.45	4.83	4.73	3.59	87.1%	
	Yes	C	6	6	8	11	7	11	11	12	12	6	10	100	99.0%	
(2)	Lunch															
	Not take	A					1.00	55.00	20.00			2.50	50.00	27.60	9.9%	
	Yes	C	6	6	8	11	7	11	11	12	12	6	11	101	100.0%	
(3)	Dinner															
	Not take	A			1.25		4.00	40.00	9.00	5.00		2.67	35.00	10.37	18.8%	
	Yes	C	6	6	8	8	7	11	11	12	12	6	11	98	97.0%	
(4)	Child nutrition: Number and ratio of under-nutrition by															
	Wasting	in No.	3,275	7,540	3,800	14,270	5,250	21,630	18,930	24,232	17,600	3,000	28,160	147,687	63.4%	
		%	24.00	33.00	29.00	24.55	25.89	26.52	30.73	27.61	24.00	24.67	34.40	27.77	88.1%	
	Stunting	in No.	1,150	1,800	500	4,000	1,700	5,700	4,500	6,705	5,000	1,500	8,200	40,755	61.4%	
		%	8.50	10.40	16.00	10.55	5.49	12.07	8.64	9.55	7.30	17.00	22.90	11.78	87.1%	
	Underweight: Percent in person	in No.	8,200	13,780	6,200	37,650	10,300	45,800	40,500	54,926	33,766	7,000	50,000	308,122	62.4%	
		%	43.67	57.50	48.75	60.36	48.05	54.04	60.27	63.02	64.80	54.17	60.00	57.68	88.1%	
2.3.2	Sufficiency of items in human security in your Union (please answer by)															
(1)	Sufficiency of drinking water															
	Sufficient	C	5	4	7	8	5	10	10	11	12	5	7	84	83.2%	
	Insufficient	C	1	2	1	3	1	1	1	1	-	1	4	16	15.8%	
(2)	Source of drinking water															
	Well	C	6	6	8	11	6	11	11	12	12	6	10	99	98.0%	
	River	C	-	1	-	1	1	-	-	-	-	-	1	4	4.0%	
	Pond	C	-	-	-	-	1	-	-	1	-	-	-	2	2.0%	
	Others	C	2	-	1	-	-	1	-	1	-	-	-	5	5.0%	
(3)	First Aide services															
	Yes	C	4	5	6	7	5	10	11	9	12	6	6	81	80.2%	
	No	C	2	1	2	4	1	1	-	3	-	-	1	15	14.9%	
	If yes, what type of organizations provides the services															
	Vaccination	C	3	5	3	6	5	8	9	7	12	3	5	66	65.3%	
	Weight	C	-	4	1	5	5	6	9	6	11	3	5	55	54.5%	
	Family planning	C	3	5	3	7	5	8	9	7	12	5	5	69	68.3%	
	Healthcare to mother and child	C	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Others	C	-	4	3	5	4	7	6	6	10	6	2	53	52.5%	

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Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
(4)	Access to electricity in household														
	Government	A	70.00	85.00	25.00	33.33	35.00	36.63	27.00	33.33		35.00		36.76	35.6%
	Other sources (please specify)	A	85.00	42.50	72.50	45.00	21.75	20.44	28.50	70.00	59.60	4.75	50.56	45.01	71.3%
	No electricity	A	19.17	57.50	37.00	59.00	66.17	56.64	54.80	32.50	53.75	67.67	61.36	51.66	93.1%
(5)	Housing	%													
	Sufficient	C	2	-	2	-	1	-	1	1	-	3	1	11	10.9%
	Insufficient	C	4	6	6	11	4	10	10	11	12	3	9	86	85.1%
(6)	Percentage of Primary School/Madrasha														
a.	Primary School	0													
	Boys	A	52.50	47.67	47.50	41.36	44.50	48.55	46.36	45.42	45.00	78.00	47.09	48.18	99.0%
	Girls	A	48.50	44.83	42.63	39.27	48.33	47.09	47.27	43.33	44.17	74.17	45.18	46.53	99.0%
b.	Madrassa	%													
	Boys	A	33.83	24.17	18.50	15.73	32.50	49.50	45.27	17.67	27.27	14.67	33.64	28.85	97.0%
	Girls	A	16.33	15.00	21.43	7.73	28.33	16.50	23.36	9.42	21.00	8.67	12.09	15.92	96.0%
2.3.3	Household economy in rural area.Please put														
(1)	Major sources of cash income														
1)	Aus	A	1,000.00	4,666.67	2,166.67		-	-	3,250.00	1,000.00		1,000.00	3,000.00	2,125.00	15.8%
2)	Aman	A	5,100.00	6,716.67	6,220.00	7,372.73	5,916.67	6,545.45	7,450.00	6,081.82	6,350.00	4,500.00	23,100.00	8,151.06	93.1%
3)	Boro	A	8,500.00	7,820.00	7,500.00	7,913.64	10,840.00	7,681.82	7,080.00	8,154.55	7,166.67	8,333.33	30,055.56	10,113.74	90.1%
4)	Jute	A	3,400.00	3,875.00	1,275.00	2,261.11	3,125.00	1,750.00	1,733.33	1,125.00	4,750.00	1,000.00	4,290.00	2,643.75	55.4%
5)	Vegetables	A	5,533.33	4,416.67	4,000.00	5,354.55	6,500.00	4,236.36	5,460.00	5,454.55	5,916.67	1,416.67	3,916.67	4,891.01	88.1%
6)	Livestock	A	2,750.00	3,666.67	2,000.00	2,536.36	2,366.67	2,263.64	1,890.00	1,854.55	2,166.67	1,375.00	8,750.00	2,976.09	91.1%
7)	Non agricultural work and others	A	3,083.33	3,625.00	3,166.67	3,609.09	3,500.00	6,500.00	4,722.22	5,280.00	4,136.36	2,250.00	2,722.22	4,126.51	82.2%
8)	Fish	A	5,066.67	7,066.67		500.00	4,600.00	375.00	1,083.33	800.00		1,000.00	2,500.00	2,621.15	25.7%
9)	Pulses	A	50.00	200.00	500.00		500.00	1,250.00	50.00	500.00	2,000.00	750.00	1,250.00	795.00	19.8%
10)	Oil seeds	A	500.00		500.00	1,000.00	1,000.00	1,560.00	-	1,000.00	2,000.00	700.00	1,366.67	1,107.14	27.7%
11)	Poultry	A	1,250.00	1,166.67	700.00	1,454.55	1,700.00	1,154.55	960.00	1,254.55	1,108.33	1,066.67	1,411.11	1,211.83	92.1%
12)	Sale of self labour	A	2,416.67	1,700.00	2,200.00	2,472.73	2,850.00	1,727.27	1,833.33	2,100.00	1,536.36	4,900.00	2,650.00	2,277.53	88.1%
13)	Total	A	34,350.00	34,800.00	16,900.00	32,700.00	30,571.43	31,772.73	27,495.45	28,108.33	29,366.67	24,150.00	67,300.00	33,174.75	100.0%
(2)	Major expenditure														
1)	Food	A	18,333.33	19,666.67	13,400.00	20,454.55	18,750.00	16,454.55	17,700.00	21,363.64	17,400.00	10,233.33	18,500.00	17,890.22	91.1%
2)	Housing	A	3,000.00	1,000.00	2,000.00		1,500.00	1,200.00	2,000.00	2,333.33	9,500.00	5,000.00	2,400.00	2,592.59	26.7%
3)	Clothes	A	3,516.67	5,666.67	3,100.00	4,045.45	3,666.67	4,127.27	3,960.00	4,381.82	4,111.11	4,166.67	4,800.00	4,179.12	90.1%
4)	Health	A	1,250.00	2,666.67	1,500.00	1,981.82	2,550.00	2,181.82	2,100.00	1,981.82	2,354.55	1,583.33	2,550.00	2,105.38	92.1%
5)	Child education	A	2,366.67	2,333.33	1,500.00	2,109.09	2,866.67	2,690.91	2,850.00	2,536.36	2,409.09	2,333.33	3,050.00	2,506.45	92.1%
6)	Entertainment	A	683.33	1,583.33	640.00	1,277.78	1,283.33	1,236.36	1,200.00	1,118.18	1,409.09	1,100.00	1,720.00	1,245.56	89.1%
7)	Credit Refund	A	1,200.00		150.00	1,480.00	1,000.00	-		2,000.00	1,000.00		3,333.33	1,287.50	19.8%
8)	Agriculture	A	4,166.67		3,733.33	5,833.33	7,666.67	2,400.00		3,000.00		8,000.00	9,733.33	5,772.97	36.6%
9)	Total	A	31,016.67	32,083.33	14,506.25	33,490.91	29,100.00	28,327.27	26,190.91	30,266.67	24,991.67	26,733.33	35,145.45	28,480.69	100.0%
3	WATER RESOURCES (to be answered by UP Chairman and Secretary with Upazila Engineers assistance)														
3.2	Problem Occurrences														
3.2.1	Describe the water related problems that occur														
(1)	Flood														
	Area	Acre	8,947	4,800	10,120	13,200	5,660	10,270	12,965	16,275	15,256	9,350	21,710	128,553	78.2%
	Depth	Feet	4.83	1.27	2.00	1.54	1.55	10.00	4.75	11.75	2.21	6.50	2.05	5.13	63.4%
	Length	Km	4.00		2.00						12.00		1.00	4.75	4.0%
	Duration	Months	3.20	3.33	2.75	3.00	3.14	3.75	2.56	3.00	3.09	3.17	3.00	3.07	82.2%
	Month of the Year		Jul-Sep	Jul-Sep	Aug	Jul-Sep	Jul-Nov	May-Oct	Jul-Aug	Jul-Sep	Jul-Sep	Jun-Nov	Aug, Sep, Oct, I	-	

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Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
(2)	Drought	Acre	T													
	Area	Feet	A	4,850	3,400	2,200	8,230	5,500	1,700	5,510	10,300	4,700	3,200	13,900	63,490	62.4%
	Depth	Km	A							2.50					2.50	1.0%
	Length	Months	A													0.0%
	Duration	Months	A	3.20	5.00	3.00	4.36	3.43	3.80	3.78	4.67	4.75	2.80	4.20	4.00	69.3%
	Month of the Year			Mar-May	Mar-May, Sep-Oct	Mar-Apr	Mar-Apr, Nov-Dec	Mar-May	Mar-May, Sep-Oct	Mar-Sep	Mar-May, Sep-Oct	Mar-Sep, Oct	Mar-May			
(3)	Shortage of irrigation water in agriculture															
	Area	Feet	A	2,300	3,200	1,500	8,070	3,100	2,500	14,220	8,000	4,050	3,500	10,900	61,340	59.4%
	Depth	Km	A													0.0%
	Length	Months	A													0.0%
	Duration	Months	A	3.40	4.00	3.00	4.09	3.40	4.00	3.25	3.71	3.86	2.75	3.25	3.59	58.4%
	Month of the Year			Mar-Apr	Apr-May, Sep-Oct		Mar-Apr, Nov-Dec	Mar-May		Apr-May, Sep-Oct		Apr-May, Sep-Oct	Mar-May			
(4)	Soil Erosion															
	Area	Feet	A	300	-	-	-	-	800	-	3,000	500	500	1,500	6,600	10.9%
	Depth	Km	A													0.0%
	Length	Months	A													0.0%
	Duration	Months	A	1.00					3.00			3.00	2.00	3.00	2.10	9.9%
	Month of the Year											Jun-Jul				
(5)	Water Logging															
	Area	Feet	A	2,000	1,130	230	8,130	4,455	5,200	3,703	3,650	550	3,100	9,100	41,248	57.4%
	Depth	Km	A	3.50					40.00	500.00		6.00		93.17	7.9%	
	Length	Months	A							1.95		9.00		4.30	3.0%	
	Duration	Months	A	3.60	4.33	8.00	3.91	4.33	6.60	3.57	4.25	4.00	4.17	4.20	4.36	60.4%
	Month of the Year			Jan-Feb	Oct-Jan		Oct-Jan	Jul-Oct	May-Dec	Oct-Jan	Oct-Jan	Oct-Jan	Jun-Dec			
(6)	Domestic water supply															
	Area	Feet	A	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Depth	Km	A													0.0%
	Length	Months	A													0.0%
	Duration	Months	A													0.0%
	Month of the Year															
(7)	Water quality (Arsenic related problem)															
	Area	Feet	A	-	-	-	-	-	-	-	-	-	-	-	-	1.0%
	Depth	Km	A													0.0%
	Length	Months	A													0.0%
	Duration	Months	A	12.00	12.00	12.00	12.00	12.00	12.00	11.33	12.00	12.00		12.00	11.94	34.7%
	Month of the Year				Jan-Dec			Jan-Dec		Jan-Dec		Jan-Dec				
(8)	Other problems (please specify)															
	Area	Feet	A	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Depth	Km	A													0.0%
	Length	Months	A													0.0%
	Duration	Months	A						2.00			4.00		3.33	3.0%	
	Month of the Year															
3.2.2	Describe the water related problems that															
(1)	Flood															
	Area	Feet	A	22,050	1,951	4,020	13,600	9,700	12,720	15,610	19,275	11,550	10,500	11,410	132,386	75.2%
	Depth	Km	A	4.63		3.00	1.55	3.20	15.50	3.14	15.98	3.25	6.50	2.30	6.64	41.6%
	Length	Months	A							1.00		12.00	8.00	7.00	3.0%	
	Duration	Months	A	3.17	3.00	3.33	3.00	3.00	3.71	2.90	3.55	3.10	3.83	3.00	3.22	81.2%
	Month of the Year			Jul-Sep	Jul-Sep		Jul-Sep	Jul-Oct	May-Oct	Jul-Sep	Jul-Sep	Jul-Sep	Jul-Oct			

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
(2)	Drought	Acre	T	3,150	3,570	900	8,230	5,200	3,150	7,000	12,800	3,500	10,200	12,500	70,200	63.4%
	Area	Feet	A													0.0%
	Depth	Km	A													0.0%
	Length	Months	A	3.33	5.00	4.00	4.36	4.00	3.83	4.00	4.56	4.71	3.17	4.20	4.12	68.3%
	Duration	Month of the Year		Apr-Jun	Mar-May, Sep-Oct		Mar-Apr, Nov-Dec		Mar-May, Sep-Oct	Mar-Apr, Sep-Oct	Mar-May, Sep-Oct	Mar-May	Mar-May			
(3)	Shortage of irrigation water in agriculture	Acre	T	1,420	1,900	3,500	8,020	2,300	1,950	13,820	8,000	2,850	13,500	5,000	62,260	53.5%
	Area	Feet	A													0.0%
	Depth	Km	A													0.0%
	Length	Months	A	3.75	4.00	4.33	4.09	3.50	3.75	3.29	4.00	3.75	3.33	3.25	3.75	58.4%
	Duration	Month of the Year			Apr-May, Sep-Oct		Mar-Apr, Nov-Dec		Apr-May, Sep-Oct	Apr-May, Sep-Oct	Apr-May, Sep-Oct	Apr-May	Mar-May			-
(4)	Soil Erosion	Acre	T	780	-	-	-	-	1,100	4,050	-	500	950	1,500	8,880	14.9%
	Area	Feet	A													0.0%
	Depth	Km	A													0.0%
	Length	Months	A	1.50					3.50			3.00	1.80	3.00	2.21	13.9%
	Duration	Month of the Year										Jun-Jul				-
(5)	Water logging	Acre	T	1,450	585	4,400	8,130	4,020	5,500	8,050	9,150	550	2,900	9,000	53,735	55.4%
	Area	Feet	A	4.00					40.00	2.50				10.60		8.9%
	Depth	Km	A													1.0%
	Length	Months	A	5.40	4.00	7.33	3.91	4.40	7.83	3.33	4.78	4.00	3.60	4.20	4.69	61.4%
	Duration	Month of the Year		Jan-Dec	Oct-Jan		Oct-Jan		May-Dec	Oct-Jan	Oct-Jan	Oct-Jan	Jun-Oct			-
(6)	Domestic water supply	Acre	T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Area	Feet	A													0.0%
	Depth	Km	A													0.0%
	Length	Months	A								12.00	4.00			8.00	2.0%
	Duration	Month of the Year														-
(7)	Water quality (Arsenic related problems)	Acre	T	-	-	-	-	-	-	-	-	-	-	-	-	1.0%
	Area	Feet	A													0.0%
	Depth	Km	A													0.0%
	Length	Months	A	12.00	12.00	12.00	12.00	12.00	12.00	11.00	12.00	12.00		12.00	11.94	32.7%
	Duration	Month of the Year			Jan-Dec					Jan-Dec		Jan-Dec				-
(8)	Other problems (please specify)	Acre	T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Area	Feet	A													0.0%
	Depth	Km	A													0.0%
	Length	Months	A									8.00			8.00	2.0%
	Duration	Month of the Year														-
3.3	Water Related Problems															-
3.3.1	How does the water related problems affect															-
(1)	Human															-
	Number affected	Acre	T	28,400	39,400	18,500	30,000	28,000	74,502	37,020	36,400	31,800	11,100	55,950	391,072	91.1%
	Total area	Km	T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Length	Months	T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Estimated Quantity affected	in Tk.	T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%

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Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
(2)	Houses															
	Number affected	T	1,245	13,750	3,300	3,000	2,750	30,876	9,070	7,550	6,595	970	7,195	86,301	88.1%	
	Name													-	5.9%	
	Type													-	3.5%	
	Total area	Acre	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
(3)	Crops															
	Number affected	T	-	-	3,920	-	300	4,800	-	-	-	6	75	9,101	11.9%	
	Total area	Acre	7,330	4,000	3,370	5,535	2,980	14,250	9,855	7,505	7,225	4,850	6,443	73,343	81.2%	
	Length	Km	-	-	6,560,000	-	-	-	-	-	-	-	-	6,560,000	1.0%	
	Estimated Quantity affected	in Tk.	15,250,000	46,000,000	4,800,000	17,375,000	14,590,000	38,030,000	23,395,000	24,200,000	23,600,000	20,200,000	7,440,000	234,880,000	81.2%	
(4)	Livestock															
	Number affected	T	950	2,900	600	3,077	1,371	2,650	5,950	3,700	10,300	462	5,050	37,010	81.2%	
	Total area	Acre	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Length	Km	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Estimated Quantity affected	in Tk.	310,000	81,547,000	320,000	1,442,000	109,000	4,298,000	100,000	825,000	132,000	1,133,000	7,686,500	97,902,500	72.3%	
(5)	Road															
	Number affected	T	38	24	35	25	24	324	98	151	32	18	173	942	81.2%	
	Total area	Acre	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Length	Km	91	57	52	36	40	202	134	47	48	27	67	800	75.2%	
	Estimated Quantity affected	in Tk.	13,700,000	153,460,000	1,880,000	3,750,000	7,600,000	8,810,000	11,055,000	7,140,000	6,502,000	2,200,000	13,910,000	230,007,000	79.2%	
(6)	Embankment															
	Number affected	T	3	1	5	1	1	11	-	-	-	-	4	26	12.9%	
	Total area	Acre	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Length	Km	16	1	12	3	3	10	-	-	-	-	-	45	10.9%	
	Estimated Quantity affected	in Tk.	250,000	750,000	1,240,000	500,000	10,000	2,300,000	-	1,200,000	800,000	-	2,500,000	9,550,000	18.8%	
(7)	Bridge															
	Number affected	T	11	5	9	-	-	33	11	7	4	10	2	92	20.8%	
	Total area	Acre	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Length	Km	-	-	-	-	-	120	-	-	-	-	-	120	1.0%	
	Estimated Quantity affected	in Tk.	150,000	70,100,000	2,100,000	-	-	8,200,000	-	100,000	808,000	165,000	2,500,000	84,123,000	18.8%	
(8)	Culvert															
	Number affected	T	27	10	21	-	10	32	80	29	-	13	2	224	25.7%	
	Total area	Acre	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Length	Km	-	-	-	-	-	10	225	-	-	-	-	235	4.0%	
	Estimated Quantity affected	in Tk.	560,000	6,500,000	1,200,000	-	700,000	1,000,000	4,000,000	-	-	680,000	550,000	15,190,000	18.8%	
(9)	Regulator															
	Number affected	T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Total area	Acre	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Length	Km	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Estimated Quantity affected	in Tk.	-	-	-	-	-	-	-	250,000	-	-	-	250,000	1.0%	
(10)	Others															
	Number affected	T	-	5	-	-	-	-	-	-	-	-	-	5	1.0%	
	Total area	Acre	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Length	Km	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Estimated Quantity affected	in Tk.	-	3,000,000	-	-	-	-	-	-	-	50,000	-	3,050,000	2.0%	
3.3.2	Describe the water related problems that occur															
(1)	Human															
	Number affected	T	58,400	62,500	31,500	101,500	78,550	148,500	86,000	150,100	118,900	10,600	77,200	923,750	88.1%	
	Total area	Acre	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Length	Km	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	
	Affected Year	Year	200-2003					2004					2004			

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Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
(2)	Houses														
	Number affected	T	6,130	14,100	7,250	16,600	9,300	25,500	15,450	24,600	31,420	1,175	19,170	170,695	89.1%
	Total area	Acre T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Length	Km T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Affected Year	Year		2004		2004		2004	2004	2004	2004		2004	2,004	
(3)	Crops														
	Number affected	T	-	-	5,000	-	6,300	4,000	50	14,800	-	4	215	30,369	13.9%
	Total area	Acre T	9,600	12,800	1,500	38,100	16,600	78,550	17,300	28,100	16,600	6,600	10,899	236,649	74.3%
	Length	Km T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Affected Year	Year		2004		2004		2004		2004	2004	2004	2004	2,004	
(4)	Livestock														
	Number affected	T	4,950	13,000	5,000	36,200	5,367	19,000	23,960	52,500	46,950	5,620	13,160	225,707	85.1%
	Total area	Acre T	-	-	-	-	150	-	-	-	-	-	-	150	1.0%
	Length	Km T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Affected Year	Year	2002-2003			2004			2004			2004	2004	2,004	
(5)	Road														
	Number affected	T	93	65	55	76	97	160	122	263	117	33	274	1,355	79.2%
	Total area	Acre T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Length	Km T	202	136	128	200	213	278	283	398	239	52	133	2,262	76.2%
	Affected Year	Year	200-2003	2004		2004		2004	2004	2004	2004	2004	2004	2,004	
(6)	Embankment														
	Number affected	T	5	7	9	1	8	37	-	17	5	-	279	368	28.7%
	Total area	Acre T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Length	Km T	20	2	27	3	1	11	-	8	4	-	2	78	17.8%
	Affected Year	Year	2002-2003	2004				2004		2004				-	
(7)	Bridge														
	Number affected	T	23	20	18	11	10	28	12	51	20	21	40	254	72.3%
	Total area	Acre T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Length	Km T	290	260	120	190	18	385	255	465	241	36	221	2,481	43.6%
	Affected Year	Year	2002-2003	2004				2004	2004	2004	2004	2004	2004	2,004	
(8)	Culvert														
	Number affected	T	38	34	29	40	35	37	63	30	27	62	42	437	73.3%
	Total area	Acre T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Length	Km T	216	245	70	120	130	170	444	349	118	30	136	2,027	43.6%
	Affected Year	Year	2002-2003	2004		2004		2004	2004	2004	2004	2004	2004	2,004	
(9)	Regulator														
	Number affected	T	-	-	-	-	-	1	-	-	-	-	-	1	1.0%
	Total area	Acre T	-	-	-	-	-	-	-	-	-	-	-	-	3.5%
	Length	Km T	-	-	-	-	-	-	-	-	-	-	-	-	3.5%
	Affected Year	Year												-	
(10)	Others														
	Number affected	T	42	54	5	47	54	69	60	53	121	13	116	634	58.4%
	Total area	Acre T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Length	Km T	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
	Affected Year	Year		2004				2004	2004	2004	2004	2004	2004	2,004	

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Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
3.4	Describe the water bodies lying inside or														
3.4.1	River														
	Name		Bangshai,	Jamuna	Louhajong,	Jhinai	Jhinai, Boiran	Langolia, Johai	Bongshai	Bongshai	Satgachha,	Bongshai	Mohigonj,		
	Area	Acre	1,482	5,450	6,937	2,840	3,030	6,730	3,381	3,680	3,600	3,400	7,450	47,980	87.1%
	Width	Feet	435.00	1,630.00	308.33	252.73	238.00	2,145.56	433.89	431.82	619.17	350.00	903.75	700.06	86.1%
	Depth	Feet	20.00	35.00	20.00	16.18	16.33	22.44	25.50	20.50	24.33	20.00	20.33	21.65	87.1%
	Perennial	0	-	-	-	-	-	-	-	-	-	-	4	4	4.0%
	Seasonal	0	6	4	4	11	7	8	11	10	12	5	10	88	87.1%
	Length of water stay	Months	8.67	7.80	6.80	8.82	8.43	7.38	6.82	8.10	8.67	9.80	9.33	8.24	89.1%
	Month of the Year		Jun-Feb	Jun-Jan	Jul	Jan-Dec	Jan-Dec	Jun-Jan	Jun-Jan	Jun-Jan	Jun-Dec	Jan-Dec	Jun-Jan	-	-
3.4.2	Khal														
	Name		Katakali	Nodakali	thanar Khal, GiaPakeshwar Khal, Bapurata khal,	Diair khal	our khal, Kanchirilkmar, Bhuluat	Bekra khal	Tonki	Gamajaba Khal					
	Area	Acre	150	430	1,110	1,445	2,170	2,090	2,013	850	1,440	1,195	2,500	15,393	76.2%
	Width	Feet	125.00	201.67	48.75	96.36	69.17	145.63	131.88	121.00	185.83	4,040.00	171.67	342.91	80.2%
	Depth	Feet	12.50	11.67	7.50	8.82	10.60	15.50	11.22	14.00	14.17	13.00	15.33	12.40	80.2%
	Perennial	0	-	-	-	-	-	-	-	-	-	-	4	4	4.0%
	Seasonal	0	4	3	3	11	7	7	10	10	12	5	10	82	81.2%
	Length of water stay	Months	9	8	3/4	4	5	5	4	5	5	12	5	5.00	22.7%
	Month of the Year		Jun-Feb	Jun-Oct	Jul	May-Aug	Jun-Sep	Jun-Oct	Jun-Oct	Jun-Oct	Jun-Oct	Jan-Dec	Jun-Oct	-	-
3.4.3	Large water body (Haor, Baor, Beel)														
	Name		Chapra beel, Garamarsra beel, Bhora beel, Tengra beel,	Jola beel	ena beel, Nosta apra, Chhotto Chl,	Dorai beel, Guel, Shaikmara, J	Not answered	ul beel, Rakher I	Jukbi, Kitki						
	Area	Acre	660	2,830	880	3,685	2,680	10,820	2,756	2,950	2,180	2,600	2,650	34,691	75.2%
	Width	Feet					8000				9333			7,587.80	21.2%
	Depth	Feet	6, 7		3		5				9			99.42	24.7%
	Perennial	0	-	-	-	-	-	-	-	-	-	-	4	4	4.0%
	Seasonal	0	6	4	4	10	7	6	9	10	7	4	9	76	75.2%
	Length of water stay	Months	11.17	10.00	12.00	8.90	12.00	10.67	11.33	12.00	12.00	7.75	10.86	10.85	76.2%
	Month of the Year		Jan-Dec	Jan-Dec	Aug	May-Aug	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jun-Dec	Jan-Dec	-	-
3.4.4	Pond/Dighi														
	Name		Scattered	Not answered	Innumerable	Not answered	Not answered	ampur Malibari,	Not answered	sbai Bara pukur,	Not answered	Dabai, JogirupaParabada Camp			
	Area	Acre	105	450	38	4	257	2,697	343	600	423	508	223	5,647	50.5%
	Width	Feet				230.00	150.00	190.00	475.00		250.00	150.00		282.78	14.9%
	Depth	Feet	7.50			18.00	15.00	17.20	27.25	12.00	32.00	13.50		17.50	24.8%
	Perennial	0	-	-	-	-	-	-	-	-	-	-	4	4	4.0%
	Seasonal	0	3	3	2	1	6	7	11	8	6	5	7	59	58.4%
	Length of water stay	Months	11.00	8.00	12.00	12.00	6.50	11.14	9.82	8.25	8.40	12.00	9.00	9.49	57.4%
	Month of the Year		Jan-Dec	Jun-Dec				Jan-Dec				Jan-Dec		-	-
3.5	Describe the water supply sources and associated problems in your Union(Please identify the water supply sources on as many maps as needed)														
3.5.1	Surface Water														
	Type of water supply sources														
	Name of sources														
	River, Khal														
	Large water bodies (Haor, Baor, Beel)														
	Small water bodies (Pond, Dighi)														

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Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
3.5.2	Ground Water															
	Type and number of water supply sources	in No.														
	Number of wells by type															
	Hand TW	T	17,290	19,452	12,297	42,165	24,324	47,992	33,500	39,521	26,952	9,244	39,335	312,072	91.1%	
	Shallow TW	T	867	466	1,780	1,496	1,843	3,185	3,405	2,412	1,955	842	2,767	21,018	94.1%	
	Deep TW	T	23	11	54	230	44	42	145	212	146	23	70	1,000	76.2%	
	Is there groundwater table lowering?	in feet														
	Yes	C	5	2	4	11	4	8	9	11	11	6	8	79	78.2%	
	No	C	-	-	1	-	-	-	-	-	-	-	-	1	1.0%	
	Constant	C	-	-	-	-	1	-	-	-	-	-	2	3	3.0%	
4	Statistics on Yearwise Area, Yield, and Production of Agricultural Crops															
4.1	4.1 HVV Aus															
4.1.1	4.1.1 Year 2001															
	Area	000 Acre	T	1,920	22	173	233	-	-	3,812	121	-	3,786	-	10,068	31.7%
	Yield	MT/Acre	A	0.75	1.00	2.72	0.82	-	-	1.03	0.55	1.25	1.20	-	1.11	32.7%
	Production	MT	T	2,460	22	261	187	-	-	6,323	67	-	4,502	-	13,822	100.0%
4.1.2	4.1.2 Year 2002															
	Area	000 Acre	T	2,030	12	187	32	-	-	777	135	3,800	2,540	-	9,513	33.7%
	Yield	MT/Acre	A	0.71	1.00	1.80	0.83	-	-	1.05	0.95	2.50	1.10	-	1.05	33.7%
	Production	MT	T	2,390	12	246	26	-	-	811	77	9,500	2,846	-	15,907	100.0%
4.1.3	4.1.3 Year 2003															
	Area	000 Acre	T	1,508	20	291	20	-	-	758	135	5,582	2,163	-	10,476	31.7%
	Yield	MT/Acre	A	0.70	1.17	2.66	0.95	-	-	1.05	1.00	2.00	1.13	-	1.12	30.7%
	Production	MT	T	2,134	22	437	18	-	-	786	93	11,164	2,484	-	17,139	100.0%
4.1.4	4.1.4 Average of three Years															
	Area	000 Acre	T	1,819	18	171	28	-	-	2,003	130	4,730	2,830	-	11,729	32.7%
	Yield	MT/Acre	A	0.72	1.53	2.75	0.84	-	-	1.13	0.74	2.00	1.36	-	1.17	32.7%
	Production	MT	T	2,325	24	310	24	-	-	2,644	72	9,460	3,702	-	18,561	100.0%
4.2	4.2 HVV Aman															
4.2.1	4.2.1 Year 2001															
	Area	000 Acre	T	2,562	4,175	1,135	25,670	19,275	-	25,688	9,702	11,631	25,283	-	125,121	57.4%
	Yield	MT/Acre	A	0.99	1.70	2.95	1.15	1.31	-	1.56	1.01	2.00	1.49	-	1.40	56.4%
	Production	MT	T	3,372	7,507	557	29,270	24,808	-	38,952	8,423	23,262	38,630	-	174,780	100.0%
4.2.2	4.2.2 Year 2002															
	Area	000 Acre	T	2,410	4,270	2,090	25,650	18,629	-	22,780	10,352	-	28,027	-	114,208	55.4%
	Yield	MT/Acre	A	0.98	1.83	3.00	1.05	1.28	-	1.63	0.99	-	1.45	-	1.35	54.5%
	Production	MT	T	2,964	8,534	4,085	26,564	23,528	-	37,070	9,273	-	40,704	-	152,720	100.0%
4.2.3	4.2.3 Year 2003															
	Area	000 Acre	T	2,297	3,767	1,279	25,685	20,062	-	27,231	10,207	39,816	28,696	-	159,040	58.4%
	Yield	MT/Acre	A	1.00	1.30	2.80	1.13	1.34	-	1.61	1.00	2.07	1.47	-	1.35	56.4%
	Production	MT	T	2,798	4,526	717	29,189	26,293	-	42,708	9,026	85,935	42,292	-	243,482	100.0%
4.2.4	4.2.4 Average of three Years															
	Area	000 Acre	T	2,420	4,063	264	25,685	19,638	-	39,753	10,094	36,938	27,339	-	166,193	56.4%
	Yield	MT/Acre	A	1.08	1.65	2.70	1.31	1.31	-	1.58	1.06	2.07	1.47	-	1.41	56.4%
	Production	MT	T	3,511	7,026	634	34,022	25,203	-	65,764	8,899	79,921	40,430	-	265,409	100.0%
4.3	4.3 HVV Boro															
4.3.1	4.3.1 Year 2001															
	Area	000 Acre	T	21,840	6,750	8,370	47,603	27,050	-	26,574	44,844	78,375	30,404	-	291,809	60.4%
	Yield	MT/Acre	A	0.98	1.65	3.76	1.29	1.60	-	2.10	2.00	2.22	2.27	-	1.84	59.4%
	Production	MT	T	18,062	11,130	17,484	61,936	43,815	-	54,478	90,734	173,993	68,589	-	540,220	100.0%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
4.3.2	Year 2002															
	Area	000 Acre	T	22,840	7,278	8,803	51,060	27,800	-	27,838	44,659	-	31,191	-	221,469	57.4%
	Yield	MT/Acre	A	0.98	1.67	3.94	1.37	1.63		1.88	2.05		2.17		1.82	56.4%
	Production	MT	T	19,271	12,237	19,511	69,892	46,038	-	49,731	92,820	-	67,303	-	376,802	100.0%
4.3.3	Year 2003															
	Area	000 Acre	T	21,220	7,140	9,117	51,143	28,170	-	28,569	44,910	57,452	33,155	-	280,876	60.4%
	Yield	MT/Acre	A	1.20	1.50	3.84	1.39	1.68		2.03	2.11	2.22	2.15		1.86	58.4%
	Production	MT	T	22,920	10,710	20,521	71,217	47,923	-	57,314	95,987	127,544	68,818	-	522,953	100.0%
4.3.4	Average of three Years															
	Area	000 Acre	T	21,965	7,199	5,046	50,982	27,673	-	40,534	47,786	55,141	31,583	-	287,909	58.4%
	Yield	MT/Acre	A	1.05	1.57	3.63	1.37	1.64		2.21	2.05	2.15	2.27		1.85	58.4%
	Production	MT	T	20,148	11,326	19,140	69,633	45,852	-	87,571	98,307	122,373	71,245	-	545,595	100.0%
4.4	Local variety rice															
4.4.1	Year 2001															
	Area	000 Acre	T	4,240	1,735	7,270	22,160	3,944	-	4,934	19,177	667	1,000	-	65,126	55.4%
	Yield	MT/Acre	A	0.83	1.07	0.83	0.77	0.66		1.27	0.57	2.00	1.00		0.89	54.5%
	Production	MT	T	8,180	1,889	3,800	17,139	2,802	-	5,252	10,960	1,334	1,000	-	52,355	100.0%
4.4.2	Year 2002															
	Area	000 Acre	T	3,010	2,275	7,455	22,466	3,990	-	4,744	29,881	-	-	-	73,821	51.5%
	Yield	MT/Acre	A	0.81	1.00	0.84	0.78	0.69		0.97	0.60				0.78	50.5%
	Production	MT	T	5,474	2,275	3,858	17,689	2,933	-	5,772	17,775	-	-	-	55,777	100.0%
4.4.3	Year 2003															
	Area	000 Acre	T	3,340	2,200	7,763	22,605	4,052	-	4,432	17,870	10,176	4,594	-	77,032	55.4%
	Yield	MT/Acre	A	0.78	1.13	0.91	0.80	0.71		1.01	0.60	1.73	0.64		0.85	53.5%
	Production	MT	T	6,622	2,600	4,054	18,254	3,044	-	5,838	10,447	12,449	2,940	-	66,249	100.0%
4.4.4	Average of three Years															
	Area	000 Acre	T	3,550	1,134	4,391	20,935	3,928	-	9,207	16,839	10,868	333	-	71,185	52.5%
	Yield	MT/Acre	A	0.80	1.07	0.90	0.79	0.93		1.02	0.59	1.73	0.33		0.87	52.5%
	Production	MT	T	6,726	1,228	3,904	16,627	3,660	-	11,575	9,711	13,338	110	-	66,878	100.0%
4.5	Wheat															
4.5.1	Year 2001															
	Area	000 Acre	T	1,640	880	1,059	1,765	1,541	-	2,304	1,726	33,345	539	-	44,799	58.4%
	Yield	MT/Acre	A	0.68	1.00	0.87	0.93	1.12		1.06	0.79	1.20	1.00		0.94	57.4%
	Production	MT	T	1,062	880	477	1,620	1,792	-	2,324	1,332	40,014	529	-	50,029	100.0%
4.5.2	Year 2002															
	Area	000 Acre	T	1,440	930	1,046	1,590	1,618	-	3,361	1,722	-	868	-	12,575	56.4%
	Yield	MT/Acre	A	0.58	1.17	0.92	0.88	1.47		1.11	0.87		0.91		0.98	55.4%
	Production	MT	T	795	1,105	482	1,384	2,970	-	3,454	1,468	-	810	-	12,468	100.0%
4.5.3	Year 2003															
	Area	000 Acre	T	700	980	1,247	1,555	1,737	-	1,542	1,745	19,760	744	-	30,010	58.4%
	Yield	MT/Acre	A	0.54	1.07	0.94	0.84	1.47		1.14	0.93	1.20	0.94		0.99	56.4%
	Production	MT	T	409	1,048	592	1,310	3,127	-	1,646	1,632	23,712	729	-	34,205	100.0%
4.5.4	Average of three Years															
	Area	000 Acre	T	1,144	930	571	1,637	1,672	-	2,070	1,731	20,395	721	-	30,869	56.4%
	Yield	MT/Acre	A	0.58	1.08	0.91	0.97	14.60		1.11	0.86	11.20	0.90		2.96	56.4%
	Production	MT	T	652	1,010	516	1,778	6,214	-	2,316	1,476	228,424	678	-	243,063	100.0%
4.6	Maize															
4.6.1	Year 2001															
	Area	000 Acre	T	237	75	25	39	-	-	360	26	-	3	-	765	16.8%
	Yield	MT/Acre	A	0.48	0.75	-	1.82	-	-	1.46	1.20	-	2.40	-	1.51	15.8%
	Production	MT	T	114	56	-	74	-	-	429	31	-	8	-	711	100.0%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
4.6.2	Year 2002															
	Area	000 Acre	T	-	1	35	39	-	-	356	32	-	2	-	465	17.8%
	Yield	MT/Acre	A		2.00	2.00	1.87			4.16	1.15		2.30		2.46	16.8%
	Production	MT	T	-	2	10	77	-	-	422	38	-	6	-	555	100.0%
4.6.3	Year 2003															
	Area	000 Acre	T	-	1	38	32	-	-	496	28	52	5	-	651	18.8%
	Yield	MT/Acre	A		2.50	2.20	1.82			1.57	1.14	1.41	0.90		1.61	17.8%
	Production	MT	T	-	2	6	63	-	-	566	33	73	5	-	746	100.0%
4.6.4	Average of three Years															
	Area	000 Acre	T	-	1	3	37	-	-	203	28	26	4	-	301	19.8%
	Yield	MT/Acre	A		2.33	2.10	1.95			1.80	1.12	1.41	1.92		1.73	19.8%
	Production	MT	T	-	2	5	85	-	-	276	33	37	7	-	445	100.0%
4.7	Potato															
4.7.1	Year 2001															
	Area	000 Acre	T	520	90	769	522	300	-	555	1,532	1,482	138	-	5,908	59.4%
	Yield	MT/Acre	A	2.38	2.67	10.33	3.75	2.85		17.54	7.11	13.60	6.00		7.24	58.4%
	Production	MT	T	1,254	250	4,009	1,973	739	-	10,914	11,190	20,155	826	-	51,310	100.0%
4.7.2	Year 2002															
	Area	000 Acre	T	650	100	857	534	308	-	546	1,564	-	215	-	4,773	56.4%
	Yield	MT/Acre	A	2.75	3.00	10.25	3.70	2.73		18.53	7.10	-	5.70		7.00	54.5%
	Production	MT	T	1,815	300	5,650	2,012	692	-	11,582	11,501	-	1,213	-	34,764	100.0%
4.7.3	Year 2003															
	Area	000 Acre	T	630	258	792	538	344	-	575	1,628	1,704	311	-	6,780	59.4%
	Yield	MT/Acre	A	2.68	2.33	10.55	3.79	3.42		18.60	7.73	13.45	6.63		7.63	57.4%
	Production	MT	T	1,685	576	4,938	2,079	1,188	-	11,569	13,177	22,916	2,226	-	60,353	100.0%
4.7.4	Average of three Years															
	Area	000 Acre	T	646	95	449	535	317	-	917	1,601	3,211	221	-	7,993	57.4%
	Yield	MT/Acre	A	2.53	2.67	10.18	3.84	3.29		18.17	7.40	13.11	6.09		7.41	57.4%
	Production	MT	T	1,619	265	4,512	2,121	1,051	-	29,949	12,381	40,534	1,378	-	93,810	100.0%
4.8	Vegetables															
4.8.1	Year 2001															
	Area	000 Acre	T	620	25	593	832	553	-	1,679	2,310	6,075	1,263	-	13,950	60.4%
	Yield	MT/Acre	A	2.75	1.00	8.50	5.89	2.54		7.93	8.38	12.14	8.68		6.47	59.4%
	Production	MT	T	1,795	25	3,198	4,949	1,406	-	11,511	14,895	73,751	10,888	-	122,417	100.0%
4.8.2	Year 2002															
	Area	000 Acre	T	506	22	613	851	566	-	5,563	2,467	-	1,225	-	11,813	57.4%
	Yield	MT/Acre	A	2.33	1.00	9.25	5.70	2.73		8.88	9.06	-	8.82		6.41	55.4%
	Production	MT	T	1,209	22	3,905	4,948	1,587	-	42,961	16,434	-	10,807	-	81,872	100.0%
4.8.3	Year 2003															
	Area	000 Acre	T	510	31	642	724	590	-	1,869	2,646	6,816	1,072	-	14,900	60.4%
	Yield	MT/Acre	A	2.13	1.20	9.15	6.13	2.51		8.96	9.48	12.14	10.80		7.04	58.4%
	Production	MT	T	1,136	36	4,203	4,431	1,619	-	13,161	18,488	82,751	9,851	-	135,676	100.0%
4.8.4	Average of three Years															
	Area	000 Acre	T	544	12	425	802	560	-	2,269	2,474	6,446	1,253	-	14,786	56.4%
	Yield	MT/Acre	A	2.40	1.00	8.89	5.91	2.45		8.61	9.04	12.14	9.44		6.92	56.4%
	Production	MT	T	1,336	12	3,760	4,789	1,504	-	23,073	16,658	78,256	11,795	-	141,183	100.0%
4.9	Spices															
4.5.1	Year 2001															
	Area	000 Acre	T	60	23	253	1,257	83	-	931	768	3,075	3,268	-	9,718	59.4%
	Yield	MT/Acre	A	0.50	0.53	5.50	4.10	0.76		2.63	4.32	4.00	4.63		3.16	58.4%
	Production	MT	T	30	12	418	5,388	70	-	3,005	2,750	12,300	15,003	-	38,975	100.0%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
4.5.2	Year 2002															
	Area	000 Acre	T	94	32	237	1,188	87	-	977	804	-	2,800	-	6,219	56.4%
	Yield	MT/Acre	A	0.28	0.58	4.70	3.80	0.76	-	2.63	4.38	-	3.78	-	2.88	54.5%
	Production	MT	T	27	17	390	4,912	73	-	3,131	2,861	-	11,093	-	22,503	100.0%
4.5.3	Year 2003															
	Area	000 Acre	T	88	22	240	906	100	-	1,008	924	3,631	4,035	-	10,954	59.4%
	Yield	MT/Acre	A	0.46	2.33	5.10	3.44	0.81	-	2.63	4.47	4.40	5.00	-	3.16	57.4%
	Production	MT	T	40	26	407	3,668	89	-	3,226	3,216	15,976	19,268	-	45,916	100.0%
4.5.4	Average of three Years															
	Area	000 Acre	T	79	22	75	1,152	90	-	1,199	3,609	3,353	3,368	-	12,946	55.4%
	Yield	MT/Acre	A	0.39	0.67	4.80	3.84	0.78	-	2.51	4.39	4.40	4.69	-	3.15	55.4%
	Production	MT	T	31	15	401	4,810	77	-	3,481	14,143	14,753	15,748	-	53,458	100.0%
4.1	Pulses															
4.10.1	Year 2001															
	Area	000 Acre	T	570	41	1,135	161	128	-	346	789	34,797	856	-	38,823	57.4%
	Yield	MT/Acre	A	0.30	0.50	0.63	0.46	0.68	-	0.88	0.79	4.85	0.44	-	0.84	56.4%
	Production	MT	T	171	21	532	75	86	-	312	456	168,765	373	-	170,790	100.0%
4.10.2	Year 2002															
	Area	000 Acre	T	302	36	1,250	125	227	-	344	755	-	1,090	-	4,129	54.5%
	Yield	MT/Acre	A	0.40	0.50	0.72	0.42	0.69	-	0.81	1.97	-	1.15	-	0.96	52.5%
	Production	MT	T	121	18	541	54	154	-	319	1,289	-	1,538	-	4,033	100.0%
4.10.3	Year 2003															
	Area	000 Acre	T	290	30	1,322	80	124	-	332	1,037	31,944	1,086	-	36,245	55.4%
	Yield	MT/Acre	A	0.38	1.00	0.74	0.39	0.73	-	0.89	1.74	4.85	1.12	-	1.15	53.5%
	Production	MT	T	110	30	573	32	89	-	327	1,442	154,928	1,285	-	158,816	100.0%
4.10.4	Average of three Years															
	Area	000 Acre	T	386	27	591	121	109	-	440	1,025	33,369	1,011	-	37,078	53.5%
	Yield	MT/Acre	A	1.04	0.67	0.72	0.43	0.69	-	0.97	1.67	4.85	0.90	-	1.18	53.5%
	Production	MT	T	454	18	549	52	76	-	479	1,345	161,840	951	-	165,763	100.0%
4.11	Oil seeds															
4.11.1	Year 2001															
	Area	000 Acre	T	5,120	22	1,805	5,400	2,775	-	605	7,862	14,211	1,236	-	39,036	58.4%
	Yield	MT/Acre	A	0.36	0.50	0.64	0.48	0.66	-	0.54	0.48	0.60	0.43	-	0.51	57.4%
	Production	MT	T	1,858	11	693	2,656	2,268	-	297	4,016	8,527	535	-	20,861	100.0%
4.11.2	Year 2002															
	Area	000 Acre	T	5,370	30	1,880	4,901	3,760	-	611	10,051	-	1,131	-	27,734	55.4%
	Yield	MT/Acre	A	3.44	0.57	0.68	0.45	0.68	-	0.54	0.48	-	0.43	-	0.79	53.5%
	Production	MT	T	17,348	18	630	2,235	3,501	-	316	5,019	-	476	-	29,542	100.0%
4.11.3	Year 2003															
	Area	000 Acre	T	5,220	7	1,890	3,460	3,803	-	605	9,658	34,380	3,092	-	62,116	56.4%
	Yield	MT/Acre	A	0.48	0.50	0.73	0.42	0.77	-	0.53	0.49	0.60	0.43	-	0.52	54.5%
	Production	MT	T	2,500	4	695	1,441	4,375	-	323	4,940	20,628	1,365	-	36,271	100.0%
4.11.4	Average of three Years															
	Area	000 Acre	T	4,161	6	879	4,518	3,721	-	816	9,820	24,295	1,991	-	50,207	54.5%
	Yield	MT/Acre	A	2.07	0.50	0.72	0.45	0.69	-	0.52	0.48	0.60	0.43	-	0.66	54.5%
	Production	MT	T	2,119	3	675	4,653	3,394	-	420	75,411	14,848	825	-	102,346	53.5%
4.12	Sugarcane															
4.12.1	Year 2001															
	Area	000 Acre	T	240	25	1,035	84	175	-	525	1,411	1,793	324	-	5,611	43.6%
	Yield	MT/Acre	A	7.92	1.00	4.49	1.76	0.72	-	9.03	1.17	26.31	1.37	-	5.33	41.6%
	Production	MT	T	1,815	25	3,246	148	76	-	3,900	1,696	47,180	426	-	58,512	100.0%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied	
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail			
4.12.2	Year 2002															
	Area	000 Acre	T	212	28	895	158	5	-	594	1,159	-	252	-	3,302	40.6%
	Yield	MT/Acre	A	6.90	1.00	4.30	1.90	0.74	-	9.20	1.31	-	1.33	-	3.64	38.6%
	Production	MT	T	1,476	28	2,695	277	4	-	4,242	1,494	-	352	-	10,567	100.0%
4.12.3	Year 2003															
	Area	000 Acre	T	205	30	745	58	6	-	639	1,159	2,964	30	-	5,836	42.6%
	Yield	MT/Acre	A	8.53	1.00	4.48	1.75	0.77	-	9.43	1.24	26.31	1.44	-	5.59	40.6%
	Production	MT	T	1,654	30	1,926	100	4	-	4,347	1,495	77,983	41	-	87,581	100.0%
4.12.4	Average of three Years															
	Area	000 Acre	T	218	28	527	77	5	-	1,031	1,160	2,379	98	-	5,522	40.6%
	Yield	MT/Acre	A	8.11	1.00	4.42	1.91	0.74	-	9.30	1.29	26.31	1.42	-	5.56	40.6%
	Production	MT	T	1,705	28	2,624	138	4	-	4,894	1,480	62,581	134	-	73,587	100.0%
4.13	Jute															
4.13.1	Year 2001															
	Area	000 Acre	T	1,634	66	1,614	1,240	926	-	869	2,924	30,000	584	-	39,857	60.4%
	Yield	MT/Acre	A	5.63	1.00	0.78	3.42	0.34	-	0.64	0.51	1.21	3.05	-	1.88	59.4%
	Production	MT	T	10,298	66	481	4,283	324	-	607	1,527	36,300	1,850	-	55,735	100.0%
4.13.2	Year 2002															
	Area	000 Acre	T	2,230	80	1,520	1,130	1,092	-	830	2,866	-	741	-	10,488	57.4%
	Yield	MT/Acre	A	0.58	1.00	0.88	3.42	0.35	-	0.67	0.50	-	3.48	-	1.45	55.4%
	Production	MT	T	1,154	80	501	3,893	384	-	572	1,512	-	2,591	-	10,687	100.0%
4.13.3	Year 2003															
	Area	000 Acre	T	2,330	20	1,530	985	1,100	-	723	2,899	36,084	783	-	46,454	58.4%
	Yield	MT/Acre	A	0.88	1.00	0.86	3.37	0.38	-	0.70	0.51	1.21	3.07	-	1.44	56.4%
	Production	MT	T	2,149	20	548	3,361	423	-	554	1,524	43,662	2,434	-	54,674	100.0%
4.13.4	Average of three Years															
	Area	000 Acre	T	2,317	20	601	1,085	1,073	-	1,062	2,896	33,042	704	-	42,799	56.4%
	Yield	MT/Acre	A	2.35	1.00	0.84	3.40	0.36	-	0.65	0.51	1.21	3.20	-	1.60	56.4%
	Production	MT	T	7,223	20	506	3,734	385	-	734	1,535	39,981	2,285	-	56,403	100.0%
4.14	Cotton															
4.14.1	Year 2001															
	Area	000 Acre	T	-	-	-	263	-	-	-	210	-	-	-	473	6.9%
	Yield	MT/Acre	A	-	-	-	0.43	-	-	-	0.52	-	-	-	0.47	6.9%
	Production	MT	T	-	-	-	122	-	-	-	109	-	-	-	231	100.0%
4.14.2	Year 2002															
	Area	000 Acre	T	-	-	-	223	-	-	-	-	-	-	-	223	4.0%
	Yield	MT/Acre	A	-	-	-	0.43	-	-	-	-	-	-	-	0.43	4.0%
	Production	MT	T	-	-	-	96	-	-	-	-	-	-	-	96	100.0%
4.14.3	Year 2003															
	Area	000 Acre	T	-	-	-	90	-	-	-	-	222	-	-	313	6.9%
	Yield	MT/Acre	A	-	-	-	0.43	-	-	-	-	0.51	-	-	0.46	6.9%
	Production	MT	T	-	-	-	38	-	-	-	-	113	-	-	150	100.0%
4.14.4	Average of three Years															
	Area	000 Acre	T	-	-	-	192	-	-	-	-	218	-	-	410	6.9%
	Yield	MT/Acre	A	-	-	-	0.43	-	-	-	-	0.52	-	-	0.47	6.9%
	Production	MT	T	-	-	-	85	-	-	-	-	113	-	-	198	100.0%
5	Damages by the 2004 flood.Please estimate and															
5.1	How was the damage by the flood in 2004 in															
	Much higher		C	3	5	1	-	2	-	2	2	3	-	1	19	18.8%
	Higher		C	1	1	-	8	2	-	3	3	2	1	-	21	20.8%
	As-usual		C	-	2	-	2	2	-	5	-	-	1	-	12	11.9%
	Less		C	-	2	-	2	1	-	-	1	-	-	-	6	5.9%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
5.2	How was the damage in the items below:														
5.2.1	Roads	%													
	Fully	A	17.33	41.67	19.33	6.55	17.17		25.45	38.50	38.86	17.00	30.00	24.94	69.3%
	Partial	A	61.17	40.00	43.33	23.91	65.14		35.45	35.45	48.29	33.67	45.00	41.06	71.3%
	No damage	A	21.50	18.33	76.50	69.55	20.14	100.00	39.09	35.42	49.17	49.33	72.73	53.45	100.0%
5.2.2	Houses	%													
	Fully	A	11.17	31.67	5.50	6.00	5.29		13.40	17.63	35.71	6.00	12.50	14.66	66.3%
	Partial	A	51.50	24.17	36.33	22.82	32.57		26.36	27.80	45.71	17.83	35.00	30.66	70.3%
	No damage	A	37.33	44.17	85.00	71.18	62.14	100.00	61.45	65.08	52.50	76.17	82.73	68.72	100.0%
5.2.3	Agricultural lands	%													
	Fully	A	60.50	71.00	70.00	43.13	30.71		33.33	46.78	22.43	17.83	27.50	40.77	61.4%
	Partial	A	22.33	18.00	18.33	21.82	55.00		25.50	23.51	13.43	31.83	40.00	26.30	65.3%
	No damage	A	17.17	25.83	66.88	46.82	14.29	100.00	49.55	47.28	79.08	50.33	87.73	57.79	100.0%
5.2.4	Crops	%													
	Fully	A	66.33	77.60	70.67	50.63	36.43		30.30	73.64	47.14	19.00	55.00	51.15	64.4%
	Partial	A	17.17	14.40	31.67	19.55	34.29		18.64	28.13	23.57	31.33	40.00	24.06	65.3%
	No damage	A	16.50	23.33	61.63	43.64	29.29	100.00	53.82	13.75	58.75	49.67	82.73	51.36	100.0%
5.2.5	Fisheries	%													
	Fully	A	80.33	68.00	66.67	38.18	55.57		37.00	81.36	75.00	10.33	90.00	55.97	64.4%
	Partial	A	13.17	40.00	26.67	30.00	30.00		29.55	20.00	15.50	25.00	5.00	25.35	59.4%
	No damage	A	6.50	23.33	65.00	31.82	14.43	100.00	36.82	12.08	69.83	64.67	83.18	48.92	100.0%
5.2.6	Livestock	%													
	Fully	A	7.50	36.67	19.00	15.91	50.29		17.20	12.00	23.43	9.50	48.75	21.60	66.3%
	Partial	A	16.33	26.20	42.67	23.64	24.57		16.55	24.44	20.71	23.67	23.75	22.80	68.3%
	No damage	A	76.17	59.83	76.88	60.45	25.14	100.00	67.82	71.67	74.25	66.83	73.64	70.10	100.0%
5.3	Damages in agricultural fields	%													
5.3.1	Damages in standing crops	%													
	Fully	A	68.83	68.33	36.67	45.56	35.00		31.67	75.45	22.86	21.40	30.00	45.56	61.4%
	Partial	A	15.17	21.67	26.67	22.73	32.86		26.00	24.38	22.14	19.33	30.00	23.84	62.4%
	No damage	A	16.00	55.00	76.25	40.00	32.14	100.00	50.45	14.58	73.75	62.83	89.09	57.16	100.0%
5.3.2	Loss of seedlings	%													
	Fully	A	95.00	60.00	46.67	46.67	72.43		42.00	65.00	69.29	9.00	96.67	58.32	67.3%
	Partial	A	25.00	26.00	10.00	20.91	17.14		25.00	21.67	22.14	15.67	10.00	21.02	57.4%
	No damage	A	0.83	28.33	81.25	40.91	10.43	100.00	39.09	18.75	46.67	75.33	72.73	48.66	100.0%
5.3.3	Loss of seeds	%													
	Fully	A	73.33	67.50	71.67	14.44	24.29		30.00	32.50	35.00	6.00	80.00	36.61	58.4%
	Partial	A	12.67	31.67	15.00	20.45	27.86		21.25	20.71	33.57	13.80	17.50	22.11	56.4%
	No damage	A	14.00	39.17	71.25	67.73	47.86	100.00	62.73	66.25	60.00	83.50	82.27	66.14	100.0%
5.3.4	Delay of cropping by flood	%													
	Fully	A	70.33	76.67	65.00	45.56	72.86		28.13	50.25	40.71	1.60	7.50	46.59	57.4%
	Partial	A	11.67	42.00	12.50	25.45	17.86		27.00	21.88	11.43	5.50	35.00	20.91	63.4%
	No damage	A	18.00	26.67	72.50	37.27	9.29	100.00	55.00	51.92	69.58	93.17	92.27	60.00	100.0%
5.3.5	Accumulation of mud	%													
	Fully	A	13.17	56.00	16.67	50.00	9.00		15.00	6.71	7.43	4.00	20.00	17.03	39.6%
	Partial	A	68.83	27.50	12.50	14.17	31.00		35.00	20.70	13.43	10.00	15.00	26.28	45.5%
	No damage	A	18.00	35.00	90.63	87.73	71.43	100.00	90.91	78.83	87.83	95.33	93.64	81.29	100.0%
5.3.6	Erosion of fields	%													
	Fully	A	11.67	37.50	5.00	50.00	5.60		16.25	20.71	2.43	2.00	5.00	12.47	37.6%
	Partial	A	27.00	18.33	30.33	8.00	22.00		20.00	28.29	10.71	12.00	15.00	19.83	41.6%
	No damage	A	61.33	78.33	87.38	91.82	80.29	100.00	88.64	71.42	92.33	97.33	96.36	87.06	100.0%

Table : Summary of Upazila wise Data for Tnagail District

Geo-Code No		Type of Data (T:Total)	930911	931913	932311	932808	933807	934707	935709	936607	9376	938513	939511	District	Ratio of Union Replied
Upazila			Basail	Bhuapur	Delduar	Ghatail	Gopalpur	Kalihati	Modhupur	Mirzapur	Nagarpur	Sakhipur	Tangail		
5.3.7	Loss of fodder	%													
	Fully	A	36.33	66.00	78.33	24.50	27.14		12.86	45.50	28.57	17.50	10.00	33.14	62.4%
	Partial	A	24.17	30.00	12.50	26.50	29.29		24.38	23.50	34.29	23.33	50.00	26.94	61.4%
	No damage	A	39.50	25.00	67.50	53.64	43.57	100.00	74.09	42.50	63.33	59.17	89.09	62.79	100.0%
5.3.8	Loss of cultured fish	%													
	Fully	A	75.00	64.00	60.00	48.18	76.43		31.00	79.50	72.86	16.50	87.50	58.24	65.3%
	Partial	A	16.67	30.00	20.00	31.82	14.29		25.00	13.75	27.00	29.17	20.00	23.39	60.4%
	No damage	A	8.33	26.67	80.00	20.00	9.29	100.00	49.09	24.58	44.00	54.33	82.27	47.81	100.0%
5.3.9	Loss of fingerlings	%													
	Fully	A	78.33	60.00	67.50	39.09	75.00		26.71	66.67	76.43	13.33	60.00	54.46	60.4%
	Partial	A	13.67	26.67	17.50	33.18	15.71		25.56	35.00	24.17	25.00	35.00	25.30	56.4%
	No damage	A	8.00	46.67	78.75	27.73	9.29	100.00	62.09	32.50	43.33	61.67	85.91	52.83	100.0%
5.3.10	Damages of aquaculture facilities	%													
	Fully	A	75.83	46.67	80.00	32.73	58.57		10.75	40.00	34.83	4.00		39.94	46.5%
	Partial	A	14.83	25.00	10.00	40.00	18.57		25.00	25.00	34.33	32.75		27.85	45.5%
	No damage	A	9.33	68.33	88.75	27.27	22.86	100.00	84.73	78.33	65.42	74.83	100.00	68.73	100.0%
5.3.11	Damages of fishing area	%													
	Fully	A	65.83	50.00	35.00	25.91	49.29		17.14	65.37	46.86	27.50	10.00	41.25	60.4%
	Partial	A	24.50	15.00	17.50	28.00	22.86		24.17	30.00	38.57	29.50	27.50	27.45	46.5%
	No damage	A	17.83	61.67	86.88	61.36	27.86	100.00	75.91	35.97	50.17	43.00	93.18	62.31	100.0%
5.3.12	Damage of Animals														
	Fully	A	7.50	35.00	10.00	1.67								9.00	14.9%
	Partial	A	13.67	23.33	25.00	6.67								13.56	15.8%
	No Loss	A	78.83	76.67	95.63	95.45	100.00	100.00	100.00	100.00	100.00	100.00	100.00	96.51	100.0%
5.3.13	Damage of Cattles	%													
	Fully	A	8.67	35.00	1.50	17.71	3.86		8.13	7.50	15.57	5.25	5.00	10.11	54.5%
	Partial	A	15.33	30.00	10.00	30.00	11.14		12.44	41.25	21.43	10.17	55.00	22.05	54.5%
	No Loss	A	76.00	78.33	98.38	69.64	85.00	100.00	83.91	66.25	78.42	86.33	89.09	82.49	100.0%
5.3.14	Dmage of Goats	%													
	Fully	A	9.83	32.50	1.00	24.29	6.71		12.67	9.00	20.67	7.25	5.00	12.91	54.5%
	Partial	A	15.00	28.33	3.00	30.00	16.14		15.00	33.50	14.29	8.67	50.00	20.54	56.4%
	No Loss	A	75.17	75.00	99.38	65.45	77.14	100.00	76.00	70.17	81.33	86.50	90.00	81.38	100.0%
5.3.15	Diseases of animals	%													
	Serious	A	7.00	30.00	4.00	29.29	10.29		7.90	11.00	5.57	6.50	5.00	11.55	55.4%
	Medium	A	12.50	26.67	20.00	30.00	18.57		12.80	29.22	9.71	7.50	35.00	18.78	57.4%
	Low	A	80.50	76.67	97.00	62.27	71.14	100.00	81.18	68.92	91.08	88.17	92.73	82.81	100.0%

Type of Data - T:Total, A:Average, C:Count