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Estimates of Boro Rice, 2009-2010

Introduction

Boro is the most important crop in Bangladesh for its huge production. This year, at the sowing period, favourable weather condition, electricity management and stable market position helped the farmers to bring more area under boro crop.

The weather condition was reasonably pretty from the sowing to growing stage. The government attitude towards irrigation was keen. Government paid full attention on rural electricity management system throughout the country. There was no artificial crisis of fertilizers, which gave a remarkable high growth of crop except small scale flood in some border districts. It causes damage of boro crop for 50,000 hectares of land. There was no vulnerable situation from plantation through harvesting period of the crop. Comparing the results of last two successive years, it reveals that farmers were interested to grow high yielding variety (HYV) this year.

Area

Total area under boro crop has been estimated at 47.07 lac hectares this year as compared to 47.16 lac hectares in the last year which is very close. Estimates of total area of this year as well as the last year by variety are as follows :

Estimates of Total Area by Type of Boro Crop

Variety	2008-2009		2009-2010		Percentage changes over previous year
	Area (in acres)	Area (in hectares)	Area (in acres)	Area (in hectares)	
Local Boro	3,01,890	1,22,169	2,65,221	1,07,329	(-) 12.15%
HYV Boro	93,41,557	37,80,323	96,71,268	39,13,750	(+) 3.53%
Hybrid Boro	20,10,870	8,13,755	16,94,671	6,85,796	(-) 15.72%
Total Boro	1,16,54,317	47,16,247	1,16,31,160	47,06,875	(-) 0.20%

(Contd.)

Yield Rate

Average yield rate of 2009-10 has been estimated at 3.837 metric tons per hectare which is 1.62 percent higher as compared to that of last year. Estimates of yield rates by varieties and combined average yield rate of all varieties are as follows:

Estimates of Yield Rate by Type of Boro Crop

Variety	2008-2009		2009-2010		Percentage changes over previous year
	Yield per acre (Maunds)	Yield per hectare (M.Ton)	Yield per acre (Maunds)	Yield per hectare (M.Ton)	
Local Boro	19.30	1.78	21.67	1.999	(+) 12.30%
HYV Boro	39.77	3.668	40.51	3.736	(+) 1.85%
Hybrid Boro	49.63	4.578	50.93	4.698	(+) 2.62%
Total Boro	40.94	3.776	41.60	3.837	(+) 1.62%

Production

Total boro production of 2009-10 has been estimated at 180.59 lac metric tons as compared to 178.09 lac metric tons which is 1.40 percent higher than that of last year. Estimates of production by variety and combined total of boro are as follows:

Estimates of Production by Type of Boro Crop

Variety	2008-2009	2009-2010	Percentage change over previous year
	Production (M.tons)	Production (M.tons)	
Local Boro	2,17,544	2,14,550	(-) 1.38%
HYV Boro	1,38,66,302	1,46,22,485	(+) 5.45%
Hybrid Boro	37,25,205	32,21,927	(-) 13.51%
Total Boro	1,78,09,051	1,80,58,962	(+) 1.40%

Estimates of area, yield rates and production by zilla and regions are given in table (1-4) appended.
(Contd.)

Adjusted Figure of Boro Production (2009-10)

The adjusted figures of area, yield rate and production of boro for the year 2009-10 have been estimated for approval as per decision taken in the meeting held on 08-08-2010 among the officials of BBS, DAE and SPARSO. The adjusted figures of area, yield and production of boro has been obtained using the area figure 47.80 lac hectares estimated by SPARSO and per hectare yield rate 3.837 metric tons estimated by BBS. Thus the adjusted production of boro has been estimated 183.41 lac metric tons which is given below:

Adjusted Estimates of Area, Yield & Production of Boro Crop for the year 2009-10

Crop	Area Estimated by SPARSO (Lac hectares)	Yield Rate Per Hectare Estimated by BBS (M. Tons)	Total Production (Lac M. Tons)
Boro	47.80	3.837	183.41

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Table 1: Estimates of Boro (Local), 2009-10.

Zilla/Region	2008-2009					2009-2010				
	Area		Yield per		Production	Area		Yield per		Production
	Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)	(M.Ton)	Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)	(M.Ton)
1 Bandarban Region	21	8	37.67	3.475	30	0	0	0	0	0
Chittagong	0	0	0	0	0	0	0	0	0	0
Cox's Bazar	0	0	0	0	0	0	0	0	0	0
2 Chittagong Region	0	0	0	0	0	0	0	0	0	0
Comilla	243	98	19.4	1.789	176	204	83	21.14	1.950	161
Chandpur	1941	785	20.4	1.882	1478	1559	631	21.41	1.975	1246
Brahmanbaria	2968	1201	20.87	1.925	2312	3020	1222	19.85	1.831	2238
3 Comilla Region	5152	2085	20.62	1.902	3966	4783	1936	20.41	1.883	3645
4 Khagrachari Region	0	0	0	0	0	0	0	0.00	0.000	0
Noakhali	0	0	0	0	0	2080	842	19.85	1.831	1541
Lakshmipur	0	0	0	0	0	0	0	0	0.000	0
Feni	0	0	0	0	0	0	0	0	0.000	0
5 Noakhali Region	0	0	0	0	0	2080	842	19.85	1.831	1541
6 Rangamati Region	0	0	0	0	0	0	0	0	0.000	0
Sylhet	77965	31551	18.35	1.692	53403	52310	21169	22.43	2.069	43797
Maulavibazar	7793	3154	26.09	2.407	7589	6220	2517	23.75	2.191	5514
Sunamgonj	98578	39892	19.02	1.754	69987	75312	30477	24.23	2.235	68115
Hobigonj	1920	777	15.91	1.467	1140	31394	12704	25.66	2.367	30070
7 Sylhet Region	186256	75374	19	1.752	132119	165236	66867	23.91	2.206	147496
Dhaka	1473	596	21.13	1.949	1162	1293	523	19.89	1.835	960
Gazipur	1501	607	17.63	1.626	988	1001	405	17.56	1.620	656
Manikgonj	1641	664	17.56	1.62	1076	2826	1144	11.63	1.073	1227
Munsigonj	2061	834	20.78	1.917	1599	1867	756	22.59	2.084	1574
Narayangonj	591	239	15.05	1.388	332	641	259	15.34	1.415	367
Narsingdi	1897	768	17.92	1.653	1269	874	354	18.73	1.728	611
8 Dhaka Region	9164	3708	18.78	1.732	6426	8502	3441	17.00	1.568	5395
Faridpur	5231	2117	33.61	3.1	6563	3484	1410	17.59	1.622	2288
Rajbari	834	338	18.08	1.668	563	815	330	17.78	1.640	541
Madaripur	3534	1430	31.71	2.924	4183	3450	1396	17.61	1.624	2268
Gopalganj	2450	991	19.97	1.842	1826	1262	511	17.13	1.580	807
Shariatpur	4831	1955	16.63	1.534	2999	4389	1776	17.35	1.600	2842
9 Faridpur Region	16880	6831	25.6	2.362	16134	13400	5423	17.48	1.613	8746
Jamalpur	4089	1655	18.32	1.69	2796	3571	1445	21.3	1.965	2839
Sherpur	1897	768	14.94	1.378	1058	876	354	19.85	1.831	649
10 Jamalpur Region	5986	2422	17.25	1.591	3854	4447	1800	21.01	1.938	3488
Kishoregonj	4110	1663	20.79	1.918	3190	2865	1159	23.36	2.155	2498
Netrokona	5633	2280	20.93	1.931	4401	3697	1496	19.35	1.785	2670
11 Kishoregonj Region	9743	3943	20.87	1.925	7591	6562	2655	21.10	1.946	5168
12 Mymensingh Region	4361	1765	17.14	1.581	2790	3375	1366	22.67	2.091	2856

Table 1: Estimates of Boro (Local), 2009-10. (Contd)

Zilla/Region	2008-2009					2009-2010				
	Area		Yield per		Production (M.Ton)	Area		Yield per		Production (M.Ton)
	Acres	Hectares	Acre	Hectare		Acres	Hectares	Acre	Hectare	
			(Maunds)	(M.Ton)	(Maunds)			(M.Ton)		
13 Tangail Region	2745	1111	15.72	1.45	1611	2267	917	17.02	1.570	1440
Barisal	7459	3018	19.62	1.81	5463	6955	2815	18.97	1.750	4925
Jhalakathi	22	9	9.84	0.908	8	85	34	11.71	1.080	37
Perojpur	1101	446	16.3	1.504	670	623	252	20.15	1.859	469
Bhola	18631	7540	18.33	1.691	12748	16273	6585	15.8	1.457	9597
14 Barisal Region	27213	11013	18.59	1.715	18889	23936	9686	16.82	1.551	15028
Jessore	345	140	16.46	1.518	212	419	170	18.35	1.693	287
Jhenaidah	0	0	0	0	0	0	0	0	0.000	0
Magura	0	0	0	0	0	0	0	0	0.000	0
Narail	863	349	41.89	3.864	1349	738	299	12.37	1.141	341
15 Jessore Region	1208	489	34.63	3.194	1561	1157	468	14.54	1.341	628
Khulna	2728	1104	23.51	2.168	2394	1320	534	18.39	1.696	906
Bagerhat	9127	3693	24.12	2.225	8217	9387	3799	16.09	1.484	5638
Satkhira	0	0	0	0	0	0	0	0	0.000	0
16 Khulna Region	11855	4797	23.98	2.212	10611	10707	4333	16.37	1.510	6544
Kushtia	0	0	0	0	0	0	0	0	0.000	0
Chuadanga	0	0	0	0	0	0	0	0	0.000	0
Meherpur	0	0	0	0	0	0	0	0	0.000	0
17 Kushtia Region	0	0	0	0	0	0	0	0	0.000	0
Patuakhali	6845	2770	15.26	1.408	3899	4651	1882	18.04	1.664	3132
Barguna	155	63	17.52	1.616	101	420	170	22.37	2.063	351
18 Patuakhali Region	7000	2833	15.31	1.412	4000	5071	2052	18.40	1.697	3483
Bogra	1951	790	19.15	1.766	1395	1741	705	21.25	1.960	1381
Joypurhat	0	0	0	0	0	0	0	0	0.000	0
19 Bogra Region	1951	790	19.15	1.766	1395	1741	705	21.25	1.960	1381
Dinajpur	0	0	0	0	0	0	0	0	0.000	0
Thakurgaon	0	0	0	0	0	0	0	0	0.000	0
Panchagar	0	0	0	0	0	0	0	0	0.000	0
20 Dinajpur Region	0	0	0	0	0	0	0	0	0.000	0
Pabna	3798	1537	10.89	1.004	1544	3471	1405	17.06	1.574	2210
Sirajgonj	5176	2095	14.77	1.362	2854	4894	1980	17.31	1.597	3162
21 Pabna Region	8974	3632	13.13	1.211	4398	8365	3385	17.20	1.587	5372
Rajshahi	189	76	27.36	2.524	193	169	68	27.11	2.501	171
Noagaon	0	0	0	0	0	0	0	0	0.000	0
Natore	122	49	19.54	1.802	89	50	20	19.82	1.828	37
Nawabgonj	0	0	0	0	0	0	0	0	0.000	0
22 Rajshahi Region	311	126	24.29	2.241	282	219	89	25.45	2.347	208
Rangpur	0	0	0	0	0	0	0	0	0.000	0
Gaibandha	90	36	14.74	1.36	50	620	251	16.89	1.558	391
Kurigram	2970	1202	16.52	1.524	1831	2693	1090	16.85	1.554	1694
Nilphamari	0	0	0	0	0	0	0	0	0.000	0
Lalmonirhat	10	4	16.07	1.482	6	60	24	20.38	1.880	46
23 Rangpur Region	3070	1242	16.47	1.519	1887	3373	1365	16.93	1.561	2131
BANGLADESH	301890	122168	19.3	1.78	217544	265221	107329	21.67	1.999	214550

Table 2: Estimates of Boro (HYV), 2009-10.

Zilla/Region	2008-2009					2009-2010				
	Area		Yield per		Production (M.Ton)	Area		Yield per		Production (M.Ton)
	Acres	Hectares	Acre	Hectare		Acres	Hectares	Acre	Hectare	
			(Maunds)	(M.Ton)	(Maunds)			(M.Ton)		
1 Bandarban Region	9130	3695	31.36	2.893	10687	7551	3056	37.06	3.418	10446
Chittagong	139779	56565	33.67	3.106	175676	152763	61820	35.47	3.272	202258
Cox's Bazar	112122	45373	33.61	3.1	140665	115270	46647	33.45	3.085	143926
2 Chittagong Region	251901	101939	33.64	3.103	316341	268033	108467	34.60	3.192	346184
Comilla	327325	132461	38.34	3.536	468445	359406	145444	41.4	3.819	555409
Chandpur	148495	60093	37.02	3.415	205199	150390	60860	44.49	4.104	249752
Brahmanbaria	244169	98810	41.72	3.848	380244	248827	100695	39.45	3.639	366414
3 Comilla Region	719989	291364	39.21	3.617	1053888	758623	306998	41.37	3.816	1171575
4 Khagrachari Region	20826	8428	27.26	2.514	21191	21366	8646	31.99	2.951	25513
Noakhali	85905	34764	38.94	3.592	124865	78586	31802	35.5	3.275	104136
Lakshmipur	53106	21491	39.53	3.646	78361	61983	25083	36.49	3.366	84426
Feni	70917	28699	39.26	3.621	103927	71894	29094	33.7	3.108	90438
5 Noakhali Region	209928	84953	39.2	3.616	307153	212463	85979	35.18	3.245	279000
6 Rangamati Region	10808	4374	33.84	3.121	13652	11832	4788	34.68	3.199	15317
Sylhet	86090	34839	28.56	2.634	91778	85572	34629	35.32	3.258	112818
Maulavibazar	89676	36290	31.57	2.912	105676	87240	35304	35.38	3.263	115213
Sunamgonj	330680	133819	32.44	2.992	400420	168475	68178	34.39	3.172	216269
Hobigonj	207682	84044	35.06	3.234	271793	240362	97269	37.73	3.480	338517
7 Sylhet Region	714128	288992	32.62	3.009	869667	581649	235381	36.06	3.326	782817
Dhaka	116853	47288	45.85	4.229	199989	119801	48481	43.44	4.007	194257
Gazipur	113124	45779	36.76	3.391	155224	114113	46179	42.81	3.949	182351
Manikgonj	129017	52210	41.86	3.861	201592	135056	54654	47.04	4.339	237142
Munsigonj	54802	22177	41.43	3.821	84750	62248	25190	46.48	4.287	107999
Narayangonj	74800	30270	40.12	3.701	112019	69581	28158	40.77	3.761	105891
Narsingdi	118483	47947	38.53	3.554	170405	135410	54797	39.7	3.662	200664
8 Dhaka Region	607079	245672	40.77	3.761	923979	636209	257460	43.30	3.994	1028304
Faridpur	87380	35361	45.2	4.169	147427	90746	36723	42.9	3.957	145316
Rajbari	52084	21077	40.24	3.712	78233	47300	19141	43.56	4.018	76909
Madaripur	85550	34620	42.59	3.928	136005	104066	42113	42.74	3.942	166024
Gopalganj	127140	51451	46.16	4.258	219066	137933	55818	43.79	4.039	225460
Shariatpur	75460	30537	44.88	4.14	126415	71111	28777	41.39	3.818	109865
9 Faridpur Region	427614	173046	44.3	4.086	707146	451156	182573	42.97	3.963	723574
Jamalpur	220949	89413	41.42	3.821	341609	275189	111363	41.12	3.793	422388
Sherpur	154171	62390	39.57	3.65	227717	176459	71409	40.57	3.742	267224
10 Jamalpur Region	375120	151803	40.66	3.75	569326	451648	182772	40.91	3.773	689612
Kishoregonj	341060	138020	42.37	3.908	539407	319008	129096	41.91	3.866	499053
Netrokona	337557	136602	39.69	3.661	500098	338418	136950	39.36	3.631	497205
11 Kishoregonj Region	678617	274621	41.04	3.785	1039505	657426	266046	40.60	3.745	996258
12 Mymensingh Region	519593	210268	34.96	3.225	678050	580107	234757	37.36	3.446	808988

Table 2: Estimates of Boro (HYV), 2009-10 (Contd.).

Zilla/Region	2008-2009					2009-2010				
	Area		Yield per		Production (M.Ton)	Area		Yield per		Production (M.Ton)
	Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)		Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)	
13 Tangail Region	366928	148488	41.44	3.822	567581	380816	154108	42.31	3.903	601431
Barisal	129331	52337	39.52	3.645	190786	128796	52121	35.45	3.270	170430
Jhalakathi	21012	8503	37.84	3.49	29679	19444	7869	40	3.690	29032
Perojpur	35845	14506	37.46	3.455	50121	38370	15527	37.46	3.455	53652
Bhola	103345	41821	40.17	3.705	154960	106948	43280	37.03	3.416	147827
14 Barisal Region	289533	117168	39.38	3.632	425546	293558	118796	36.59	3.375	400941
Jessore	299499	121201	40.99	3.781	458248	354460	143442	42.74	3.942	565495
Jhenaidah	216938	87790	36.19	3.338	293057	222021	89847	42.19	3.892	349648
Magura	80530	32589	40	3.689	120239	78866	31915	36.84	3.398	108452
Narail	51490	20837	41.7	3.846	80147	56620	22913	45.48	4.195	96121
15 Jessore Region	648457	262416	39.32	3.627	951691	711967	288117	42.13	3.886	1119716
Khulna	62256	25194	35.28	3.254	81986	73425	29713	37.79	3.486	103573
Bagerhat	50270	20343	36.03	3.323	67608	64980	26296	36.18	3.337	87756
Satkhira	133570	54053	36.7	3.385	182979	157387	63691	37.76	3.483	221834
16 Khulna Region	246096	99590	36.2	3.339	332573	295792	119701	37.42	3.452	413163
Kushtia	77844	31502	42.39	3.91	123173	73649	29804	42.96	3.963	118102
Chuadanga	88688	35890	42.58	3.928	140961	97045	39272	43.73	4.034	158409
Meherpur	56880	23018	42.09	3.882	89365	57912	23436	45.24	4.173	97795
17 Kushtia Region	223412	90410	42.39	3.91	353499	228606	92512	43.86	4.046	374306
Patuakhali	783	317	27.26	2.514	797	6241	2526	28.97	2.672	6749
Barguna	449	182	31.54	2.909	529	629	255	27.58	2.544	648
18 Patuakhali Region	1232	499	28.82	2.658	1326	6870	2780	28.84	2.660	7396
Bogra	334838	135502	41.41	3.82	517568	365414	147875	41.69	3.845	568649
Joypurhat	103853	42027	39.51	3.644	153163	107074	43331	40.79	3.762	163029
19 Bogra Region	438691	177529	40.96	3.778	670731	472488	191206	41.49	3.827	731678
Dinajpur	338185	136856	39.11	3.607	493707	332667	134623	39.1	3.607	485527
Thakurgaon	139354	56394	45.55	4.202	236938	130402	52771	44.17	4.074	215000
Panchagar	64362	26046	40.72	3.756	97828	79996	32373	40.13	3.702	119830
20 Dinajpur Region	541901	219295	40.96	3.778	828473	543065	219767	40.47	3.733	820357
Pabna	155683	63001	44.03	4.061	255869	160214	64835	42.62	3.931	254883
Sirajgonj	279650	113168	42.65	3.934	445206	295950	119764	40.37	3.724	445969
21 Pabna Region	435333	176170	43.14	3.98	701075	456164	184600	41.16	3.797	700852
Rajshahi	169640	68650	43.15	3.98	273235	154087	62356	39.54	3.647	227421
Noagaon	408072	165138	43.31	3.995	659709	416594	168586	43.24	3.988	672397
Natore	139865	56600	45.16	4.166	235771	133277	53934	45.52	4.199	226456
Nawabgonj	122857	49718	41.72	3.848	191325	119973	48550	37.27	3.438	166905
22 Rajshahi Region	840434	340105	43.35	3.999	1360040	823931	333427	42.05	3.878	1293179
Rangpur	199030	80543	39.08	3.605	290336	217527	88028	41.3	3.809	335344
Gaibandha	195550	79135	40.83	3.766	298033	221865	89784	42.43	3.914	351390
Kurigram	153497	62117	42.7	3.939	244656	167420	67751	42.48	3.918	265472
Nilphamari	132710	53705	40.33	3.72	199783	136834	55374	40.6	3.745	207371
Lalmonirhat	84020	34001	41.57	3.834	130374	76302	30878	42.94	3.961	122300
23 Rangpur Region	764807	309501	40.74	3.758	1163182	819948	331815	41.88	3.863	1281877
BANGLADESH	9341557	3780323	39.77	3.668	13866302	9671268	3913750	40.51	3.736	14622485

Table 3: Estimates of Boro (HYBRID), 2009-10.

Zilla/Region		2008-2009					2009-2010				
		Area		Yield per		Production (M.Ton)	Area		Yield per		Production (M.Ton)
		Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)		Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)	
1	Bandarban Region	1075	435	44.45	4.1	1784	260	105	43.09	3.975	418
	Chittagong	18652	7548	48.87	4.508	34025	16726	6769	50.72	4.678	31666
	Cox's Bazar	12777	5171	35.99	3.32	17165	10305	4170	42.78	3.946	16456
2	Chittagong Region	31429	12719	43.63	4.025	51190	27031	10939	47.69	4.399	48122
	Comilla	70376	28480	49.65	4.58	130428	48403	19588	47.27	4.360	85405
	Chandpur	14452	5848	45.63	4.209	24615	11881	4808	46.28	4.269	20525
	Brahmanbaria	20190	8170	47.3	4.363	35647	19379	7842	47.64	4.394	34461
3	Comilla Region	105018	42498	48.64	4.487	190690	79663	32238	47.21	4.355	140391
4	Khagrachari Region	3264	1321	41.48	3.826	5054	3502	1417	44.37	4.093	5800
	Noakhali	47223	19110	50.61	4.668	89211	64227	25991	48.08	4.435	115268
	Lakshmipur	10722	4339	48.95	4.515	19591	8644	3498	53.97	4.978	17414
	Feni	7284	2948	48.7	4.492	13241	6203	2510	51.28	4.730	11873
5	Noakhali Region	65229	26397	50.12	4.623	122043	79074	32000	48.97	4.517	144555
6	Rangamati Region	6209	2513	49.1	4.529	11380	6354	2571	51.33	4.735	12174
	Sylhet	7283	2947	38.88	3.586	10570	7094	2871	46.17	4.259	12226
	Maulavibazar	7236	2928	48.16	4.442	13008	5539	2242	45.02	4.153	9308
	Sunamgonj	33888	13714	46.37	4.277	58656	32890	13310	56.21	5.185	69009
	Hobigonj	41861	16940	58.22	5.37	90972	45477	18404	67.94	6.267	115331
7	Sylhet Region	90268	36529	51.4	4.742	173206	91000	36826	60.61	5.590	205874
	Dhaka	7676	3106	58.77	5.421	16839	3810	1542	56.87	5.246	8088
	Gazipur	31419	12715	52.53	4.845	61607	29687	12014	58.65	5.410	64992
	Manikgonj	4590	1857	56.51	5.212	9682	1736	703	58.1	5.359	3765
	Munsigonj	223	90	48.86	4.507	407	46	19	66.39	6.124	114
	Narayangonj	3259	1319	48.23	4.449	5867	3094	1252	48.67	4.489	5621
	Narsingdi	17192	6957	63.59	5.866	40808	10651	4310	70.4	6.494	27989
8	Dhaka Region	64359	26045	56.28	5.191	135210	49024	19839	60.42	5.573	110569
	Faridpur	1497	606	52.63	4.855	2941	1053	426	60.07	5.541	2361
	Rajbari	2542	1029	48.63	4.486	4614	819	331	48.12	4.439	1471
	Madaripur	8669	3508	55.65	5.133	18008	3589	1452	50.38	4.647	6749
	Gopalganj	54502	22056	54.22	5.001	110306	53340	21586	52.4	4.833	104331
	Shariatpur	1945	787	56.65	5.225	4113	1320	534	53.86	4.968	2654
9	Faridpur Region	69155	27986	54.23	5.002	139982	60121	24330	52.39	4.832	117566
	Jamalpur	48025	19435	50.9	4.695	91246	45469	18400	55.21	5.093	93704
	Sherpur	33340	13492	48.87	4.508	60818	35321	14294	50.21	4.631	66199
10	Jamalpur Region	81365	32927	50.07	4.618	152064	80790	32694	53.02	4.891	159903
	Kishoregonj	76928	31131	47.73	4.403	137058	67086	27148	47.87	4.416	119873
	Netrokona	79276	32081	49.71	4.585	147100	42304	17120	50.93	4.698	80423
11	Kishoregonj Region	156204	63212	48.73	4.495	284158	109390	44268	49.05	4.525	200296
12	Mymensingh Region	71920	29104	44.83	4.135	120350	53878	21803	47.89	4.417	96313

Table 3: Estimates of Boro (HYBRID), 2009-10 (Contd.).

Zilla/Region	2008-2009						2009-2010				
	Area		Yield per		Production (M.Ton)	Area		Yield per		Production (M.Ton)	
	Acres	Hectares	Acre	Hectare		Acres	Hectares	Acre	Hectare		
			(Maunds)	(M.Ton)	(Maunds)			(M.Ton)			
13 Tangail Region	37426	15145	48.73	4.495	68076	23225	9399	48.73	4.495	42245	
Barisal	17597	7121	54.98	5.071	36114	21635	8755	56.05	5.170	45265	
Jhalakathi	1180	478	41.49	3.827	1827	1116	452	63.55	5.862	2647	
Perojpur	11038	4467	33.33	3.074	13733	7877	3188	39.13	3.609	11505	
Bhola	12519	5066	50.35	4.644	23529	11901	4816	52.96	4.885	23527	
14 Barisal Region	42334	17132	47.59	4.39	75203	42529	17211	52.25	4.819	82944	
Jessore	75780	30667	50.04	4.616	141547	31994	12947	51.8	4.778	61862	
Jhenaidah	8567	3467	49.57	4.572	15852	3208	1298	53.71	4.954	6432	
Magura	21208	8582	52.1	4.806	41244	17150	6940	50.19	4.630	32130	
Narail	37809	15300	46.14	4.256	65118	40670	16458	49.22	4.540	74721	
15 Jessore Region	143364	58016	49.29	4.546	263761	93022	37644	50.44	4.653	175145	
Khulna	33349	13496	44.38	4.094	55246	31412	12712	45.84	4.228	53749	
Bagerhat	35737	14462	48.4	4.464	64564	37967	15364	50.83	4.689	72037	
Satkhira	32687	13228	45.9	4.234	56003	22469	9093	49.18	4.536	41248	
16 Khulna Region	101773	41185	46.28	4.269	175813	91848	37169	48.72	4.494	167034	
Kushtia	7675	3106	53.03	4.891	15192	3104	1256	54.63	5.039	6330	
Chuadanga	16028	6486	44.99	4.15	26917	8233	3332	53.35	4.921	16395	
Meherpur	8926	3612	54.12	4.992	18032	5640	2282	58.24	5.372	12261	
17 Kushtia Region	32629	13204	49.38	4.555	60141	16977	6870	55.21	5.092	34986	
Patuakhali	340	138	38.58	3.559	490	390	158	50.89	4.694	741	
Barguna	172	70	48.01	4.428	308	0	0	0	0.000	0	
18 Patuakhali Region	512	207	41.75	3.851	798	390	158	45.23	4.694	741	
Bogra	129972	52597	54.4	5.018	263922	96215	38936	49.45	4.561	177597	
Joypurhat	68007	27521	49.35	4.552	125276	68007	27521	50.22	4.632	127485	
19 Bogra Region	197979	80118	52.67	4.858	389198	164222	66457	49.77	4.591	305082	
Dinajpur	97312	39380	48.93	4.513	177733	102711	41565	46.92	4.328	179888	
Thakurgaon	29324	11867	42.8	3.948	46848	28354	11474	54.75	5.050	57946	
Panchagar	50530	20448	49.05	4.524	92516	34869	14111	48	4.428	62475	
20 Dinajpur Region	177166	71695	47.95	4.423	317097	165934	67150	48.48	4.472	300309	
Pabna	14049	5685	54.84	5.058	28759	5369	2173	51.99	4.796	10419	
Sirajgonj	48930	19801	49.1	4.529	89678	31317	12673	56.37	5.200	65895	
21 Pabna Region	62979	25486	50.38	4.647	118437	36686	14846	55.73	5.140	76314	
Rajshahi	25786	10435	55	5.073	52939	21799	8822	55.67	5.135	45299	
Noagaon	47598	19262	55.51	5.12	98625	43391	17559	59.08	5.450	95690	
Natore	32202	13031	52.17	4.812	62709	29922	12109	55.06	5.079	61497	
Nawabgonj	2873	1163	53.06	4.894	5690	901	365	48.33	4.458	1625	
22 Rajshahi Region	108459	43891	54.33	5.012	219963	96013	38854	56.95	5.253	204111	
Rangpur	105260	42596	49.22	4.54	193389	97277	39366	49.61	4.576	180139	
Gaibandha	80520	32585	48.53	4.476	145862	61790	25005	49.61	4.576	114423	
Kurigram	64928	26275	44.32	4.088	107414	61608	24931	48.59	4.482	111741	
Nilphamari	55956	22644	53.17	4.904	111056	51107	20682	49.38	4.555	94202	
Lalmonirhat	54090	21889	45.51	4.198	91886	51956	21025	46.68	4.306	90530	
23 Rangpur Region	360754	145989	48.24	4.45	649607	323738	131010	48.91	4.511	591035	
BANGLADESH	2010870	813755	49.63	4.578	3725205	1694671	685796	50.93	4.698	3221927	

Table 4: Estimates of Boro (TOTAL= LOCAL+HYV+HYBRID), 2009-10.

Zilla/Region	2008-2009					2009-2010				
	Area		Yield per		Production (M.Ton)	Area		Yield per		Production (M.Ton)
	Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)		Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)	
1 Bandarban Region	10226	4138	32.75	3.021	12501	7811	3161	37.26	3.437	10864
Chittagong	158431	64114	35.46	3.271	209701	169489	68588	36.97	3.411	233925
Cox's Bazar	124899	50544	33.85	3.123	157830	125575	50817	34.22	3.156	160382
2 Chittagong Region	283330	114657	34.75	3.206	367531	295064	119406	35.80	3.302	394307
Comilla	397944	161039	40.33	3.72	599049	408013	165114	42.09	3.882	640975
Chandpur	164888	66727	37.58	3.466	231292	163830	66298	44.40	4.095	271523
Brahmanbaria	267327	108181	41.91	3.866	418203	271226	109759	39.82	3.673	403113
3 Comilla Region	830159	335947	40.29	3.716	1248544	843069	341172	41.81	3.856	1315611
4 Khagrachari Region	24090	9749	29.19	2.692	26245	24868	10064	33.73	3.112	31313
Noakhali	133128	53874	43.08	3.974	214076	144893	58635	40.85	3.768	220945
Lakshmipur	63828	25830	41.11	3.792	97952	70627	28581	38.63	3.563	101840
Feni	78201	31646	40.14	3.702	117168	78097	31604	35.10	3.237	102311
5 Noakhali Region	275157	111350	41.79	3.854	429196	293617	118820	38.79	3.578	425096
6 Rangamati Region	17017	6886	39.41	3.635	25032	18186	7359	40.50	3.735	27491
Sylhet	171338	69337	24.35	2.246	155751	144976	58669	31.20	2.878	168841
Maulavibazar	104705	42372	32.31	2.98	126273	98999	40063	35.19	3.246	130035
Sunamgonj	463146	187425	30.6	2.823	529063	276677	111965	34.22	3.156	353393
Hobigonj	251463	101762	38.77	3.576	363905	317233	128377	40.87	3.769	483918
7 Sylhet Region	990652	400895	31.77	2.931	1174992	837885	339074	36.33	3.351	1136187
Dhaka	126002	50990	46.35	4.275	217990	124904	50546	45.11	4.022	203305
Gazipur	146044	59101	39.96	3.686	217819	144801	58598	45.88	4.232	247999
Manikgonj	135248	54732	42.06	3.88	212350	139618	56500	46.46	4.286	242134
Munsigonj	57086	23101	40.71	3.755	86756	64161	25965	45.80	4.224	109687
Narayangonj	78650	31828	40.27	3.714	118218	73316	29669	40.88	3.771	111879
Narsingdi	137572	55672	41.38	3.817	212482	146935	59461	41.80	3.856	229264
8 Dhaka Region	680602	275425	41.94	3.869	1065615	693735	280739	44.19	4.076	1144268
Faridpur	94108	38083	44.67	4.121	156931	95283	38559	42.16	3.889	149965
Rajbari	55460	22443	40.29	3.716	83410	48934	19803	43.21	3.985	78921
Madaripur	97753	39558	43.35	3.999	158196	111105	44962	42.21	3.893	175041
Gopalganj	184092	74498	48.2	4.446	331198	192535	77915	46.00	4.243	330598
Shariatpur	82236	33279	43.5	4.012	133527	76820	31087	40.23	3.711	115361
9 Faridpur Region	513649	207862	45.02	4.153	863262	524677	212325	43.40	4.003	849886
Jamalpur	273063	110503	42.74	3.942	435651	324229	131208	42.88	3.955	518931
Sherpur	189408	76649	40.96	3.778	289593	212656	86057	42.09	3.882	334072
10 Jamalpur Region	462471	187152	42.01	3.875	725244	536885	217266	42.56	3.926	853003
Kishoregonj	422098	170814	43.14	3.979	679655	388959	157403	42.80	3.948	621424
Netrokona	422466	170963	41.32	3.812	651599	384419	155566	40.44	3.730	580298
11 Kishoregonj Region	844564	341777	42.23	3.895	1331254	773378	312969	41.63	3.840	1201722
12 Mymensingh Region	595874	241137	36.02	3.323	801190	637360	257926	38.17	3.521	908157

Table 4: Estimates of Boro (TOTAL= LOCAL+HYV+HYBRID), 2009-10. (Contd.).

Zilla/Region	2008-2009					2009-2010				
	Area		Yield per		Production (M.Ton)	Area		Yield per		Production (M.Ton)
	Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)		Acres	Hectares	Acre (Maunds)	Hectare (M.Ton)	
13 Tangail Region	407099	164744	41.94	3.868	637268	406308	164424	42.54	3.923	645116
Barisal	154387	62477	40.32	3.719	232363	157386	63691	37.55	3.464	220620
Jhalakathi	22214	8990	38.01	3.506	31514	20645	8355	41.16	3.796	31716
Perojpur	47984	19418	36.02	3.323	64524	46870	18967	37.51	3.460	65626
Bhola	134495	54427	38.09	3.514	191237	135122	54681	35.88	3.309	180951
14 Barisal Region	359080	145312	38.77	3.576	519638	360023	145693	37.13	3.424	498913
Jessore	375624	152007	42.79	3.947	600007	386873	156559	43.46	4.009	627645
Jhenaidah	225505	91257	36.7	3.385	308909	225229	91145	42.35	3.907	356079
Magura	101738	41171	42.52	3.922	161483	96016	38856	39.22	3.618	140582
Narail	90162	36487	43.57	4.018	146614	98028	39670	46.78	4.315	171183
15 Jessore Region	793029	320921	41.11	3.792	1217013	806146	326230	43.05	3.971	1295489
Khulna	98333	39793	38.04	3.509	139626	106157	42959	39.93	3.683	158228
Bagerhat	95134	38499	39.53	3.647	140389	112334	45459	39.45	3.639	165431
Satkhira	166257	67281	38.51	3.552	238982	179856	72784	39.19	3.615	263082
16 Khulna Region	359724	145572	38.65	3.565	518997	398347	161202	39.46	3.640	586741
Kushtia	85519	34608	43.34	3.998	138365	76753	31060	43.43	4.006	124432
Chuadanga	104716	42376	42.95	3.962	167878	105278	42604	44.48	4.103	174804
Meherpur	65806	26630	43.72	4.033	107397	63552	25718	46.39	4.279	110056
17 Kushtia Region	256041	103614	43.28	3.992	413640	245583	99382	44.65	4.118	409292
Patuakhali	7968	3224	17.44	1.608	5186	11282	4566	25.22	2.326	10622
Barguna	776	314	32.39	2.988	938	1049	425	25.49	2.352	998
18 Patuakhali Region	8744	3539	18.76	1.731	6124	12331	4990	25.25	2.329	11620
Bogra	466761	188888	44.93	4.145	782885	463370	187516	43.22	3.987	747627
Joypurhat	171860	69548	43.4	4.004	278439	175081	70851	44.45	4.100	290514
19 Bogra Region	638621	258436	44.52	4.107	1061324	638451	258367	43.56	4.018	1038141
Dinajpur	435497	176236	41.3	3.81	671440	435378	176188	40.94	3.777	665415
Thakurgaon	168678	68260	45.07	4.157	283786	158756	64245	46.06	4.249	272946
Panchagar	114892	46494	44.38	4.094	190344	114865	46483	42.52	3.922	182305
20 Dinajpur Region	719067	290991	42.68	3.937	1145570	708999	286916	42.35	3.906	1120666
Pabna	173530	70224	44.18	4.075	286172	169054	68412	42.39	3.910	267512
Sirajgonj	333756	135064	43.16	3.981	537738	332161	134418	41.54	3.832	515026
21 Pabna Region	507286	205288	43.51	4.013	823910	501215	202831	41.83	3.858	782538
Rajshahi	195615	79161	44.7	4.123	326367	176055	71246	41.53	3.830	272891
Noagaon	455670	184400	44.58	4.112	758334	459985	186146	44.73	4.126	768087
Natore	172189	69681	46.45	4.285	298569	163249	66063	47.26	4.359	287990
Nawabgonj	125730	50880	41.98	3.872	197015	120874	48915	37.35	3.445	168530
22 Rajshahi Region	949204	384122	44.6	4.114	1580285	920163	372370	43.60	4.022	1497498
Rangpur	304290	123139	42.59	3.928	483725	314804	127394	43.87	4.046	515483
Gaibandha	276160	111756	43.07	3.972	443945	284275	115040	43.93	4.053	466204
Kurigram	221395	89594	42.82	3.95	353901	231721	93772	43.81	4.041	378907
Nilphamari	188666	76349	44.14	4.071	310839	187941	76056	42.99	3.965	301573
Lalmonirhat	138120	55894	43.11	3.977	222266	128318	51927	44.44	4.099	212876
23 Rangpur Region	1128631	456732	43.07	3.973	1814676	1147059	464190	43.79	4.039	1875043
BANGLADESH	11654317	4716247	40.94	3.776	17809051	11631160	4706875	41.60	3.837	18058962