

TABLE 12: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE 2006/07												TABLE 12: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE 2006/07											
Number of samples	Region	% (db) Fat			% (db) Protein			% (db) Starch			Number of samples	Region	% (db) Fat			% (db) Protein			% (db) Starch				
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.			ave.	min.	max.	ave.	min.	max.	ave.	min.	max.		
GRADE: WM 1												GRADE: YM 1											
1	Region 8	3.6	3.6	3.6	9.0	9.0	9.0	72.5	72.5	72.5	11	Region 10	3.4	3.3	3.6	8.3	8.0	8.9	74.2	73.3	74.9		
1	Region 10	3.3	3.3	3.3	8.0	8.0	8.0	74.7	74.7	74.7	25	Region 11	3.2	3.1	3.6	8.2	7.6	8.9	74.3	73.8	75.0		
9	Region 11	3.7	3.4	4.0	8.7	8.4	9.4	73.6	73.2	74.6	5	Region 12	3.8	3.5	4.1	9.7	8.7	10.3	72.5	71.8	73.3		
6	Region 12	4.0	3.9	4.1	9.2	7.8	10.1	72.5	72.1	72.9	5	Region 13	3.7	3.4	4.0	10.6	10.0	10.9	72.7	72.1	73.5		
4	Region 13	3.9	3.8	4.1	9.6	9.3	10.0	73.0	72.4	73.7	16	Region 14	3.9	3.1	4.4	9.9	9.0	10.9	72.2	71.2	74.5		
28	Region 14	3.9	3.7	4.2	9.2	8.6	10.5	72.4	71.6	73.9	9	Region 15	3.6	3.5	3.8	9.0	8.3	10.1	72.9	72.0	73.4		
27	Region 15	4.0	3.9	4.2	9.2	8.2	10.2	72.1	70.9	73.5	2	Region 16	3.9	3.8	3.9	9.5	9.4	9.6	72.4	72.3	72.5		
11	Region 16	3.8	3.3	4.0	9.5	8.9	10.5	72.0	71.5	72.7	6	Region 17	3.7	3.4	3.9	10.0	9.6	10.3	73.1	72.4	73.6		
7	Region 17	4.0	3.6	4.2	9.6	8.9	10.2	72.7	71.8	73.5	10	Region 18	3.6	3.1	3.8	9.7	9.2	10.3	73.4	72.6	74.2		
17	Region 18	3.9	3.6	4.1	9.5	9.0	10.0	73.1	72.6	74.0	5	Region 19	3.7	3.5	4.0	9.9	9.1	10.4	72.8	72.2	73.3		
7	Region 19	4.0	3.8	4.2	9.5	9.0	10.1	72.6	72.1	73.0	6	Region 20	3.6	3.1	3.8	9.2	8.5	9.8	73.5	72.9	74.4		
6	Region 20	3.9	3.7	4.3	8.9	8.8	9.1	73.1	72.4	73.9	2	Region 21	3.7	3.6	3.7	10.1	9.7	10.5	73.6	73.2	73.9		
14	Region 21	4.0	3.6	4.2	9.5	8.6	10.1	73.2	72.4	73.8	4	Region 22	3.6	3.5	3.8	9.6	9.0	10.4	73.1	72.7	73.4		
31	Region 22	4.0	3.8	4.2	9.0	8.4	9.9	73.1	72.4	73.7	9	Region 23	3.7	3.4	4.0	9.7	8.0	10.5	73.0	72.3	73.9		
89	Region 23	3.9	3.4	4.8	9.0	8.2	9.8	73.1	72.1	74.9	12	Region 24	3.6	3.2	4.1	10.1	8.1	12.7	73.3	71.9	74.6		
31	Region 24	3.9	3.7	4.3	9.9	9.0	10.5	72.9	71.7	74.2	12	Region 25	3.5	3.0	3.7	9.2	8.8	9.7	73.4	72.0	75.2		
18	Region 25	3.7	3.5	4.5	9.1	8.1	11.2	73.2	71.6	74.6	10	Region 26	3.7	3.3	4.3	10.3	8.8	11.9	72.5	71.2	74.1		
7	Region 26	3.9	3.6	4.5	9.4	8.0	11.2	72.7	71.1	74.2	4	Region 27	3.7	3.5	3.9	10.5	10.2	10.9	72.9	72.6	73.3		
7	Region 27	3.7	3.5	4.0	10.4	9.1	11.1	73.1	72.5	73.7	19	Region 28	3.5	3.1	4.2	10.0	8.7	11.2	72.8	70.5	73.7		
16	Region 28	3.6	3.4	3.9	9.2	8.3	10.2	73.1	70.8	74.1	16	Region 29	3.4	2.8	4.1	9.1	7.2	10.2	73.8	73.1	75.1		
15	Region 29	3.5	3.4	3.9	9.0	8.3	10.1	73.6	72.7	74.4	20	Region 30	3.4	3.0	3.7	9.6	8.8	10.2	73.1	72.1	74.3		
20	Region 30	3.7	3.4	4.0	9.2	8.4	10.2	73.0	71.9	74.3	9	Region 31	3.4	3.2	3.6	9.6	9.2	10.0	73.6	73.4	74.0		
6	Region 31	3.6	3.4	3.8	9.1	8.5	9.7	73.2	72.3	74.3	12	Region 32	3.4	3.1	3.8	9.5	8.4	10.1	73.8	73.4	74.4		
20	Region 32	3.6	3.4	3.8	9.2	8.7	9.9	73.6	73.0	74.6	16	Region 33	3.4	3.1	3.8	9.1	6.9	10.9	73.0	71.2	74.5		
18	Region 33	3.6	3.0	4.0	9.3	8.2	11.8	72.5	71.3	73.5	5	Region 34	3.5	3.1	4.0	9.1	7.5	10.0	73.7	71.8	74.9		
22	Region 34	3.7	3.4	4.2	9.0	7.8	10.1	73.6	72.3	74.6	8	Region 35	3.7	2.8	4.4	9.3	8.2	10.9	72.4	70.8	74.5		
10	Region 35	4.0	3.5	4.8	9.4	8.3	11.2	71.8	70.6	73.0	4	Region 36	3.5	3.5	3.5	8.5	8.4	8.6	74.3	73.9	74.5		
7	Region 36	3.8	3.6	4.0	8.7	8.3	9.3	73.6	72.9	74.4	262	Ave YM 1	3.5	2.8	4.4	9.4	6.9	12.7	73.3	70.5	75.2		
455	Ave WM 1	3.8	3.0	4.8	9.2	7.8	11.8	73.0	70.6	74.9	Min YM 1												
	Min WM 1										Max YM 1												
	Max WM 1																						

TABLE 12: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE 2006/07 (continue)										TABLE 12: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE 2006/07 (continue)													
Number of samples	Region	% (db) Fat			% (db) Protein			% (db) Starch			Number of samples	Region	% (db) Fat			% (db) Protein			% (db) Starch				
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.			ave.	min.	max.	ave.	min.	max.	ave.	min.	max.		
GRADE: WM 2										GRADE: YM 2													
6	Region 12	4.1	3.9	4.2	9.9	9.7	10.1	72.3	71.8	72.7	2	Region 12	3.5	3.2	3.7	10.4	10.1	10.6	73.3	73.2	73.3		
6	Region 13	4.0	3.3	4.7	10.0	8.2	12.0	72.3	70.1	74.0	2	Region 13	3.7	3.3	4.1	10.4	10.1	10.7	73.3	71.9	74.6		
7	Region 14	4.1	3.9	4.2	10.2	9.8	10.4	72.1	71.5	72.5	1	Region 14	4.1	4.1	4.1	10.6	10.6	10.6	71.8	71.8	71.8		
2	Region 15	3.9	3.8	4.0	9.1	8.5	9.7	72.4	71.2	73.5	2	Region 16	3.7	3.5	3.9	9.0	8.3	9.7	72.3	71.7	72.9		
1	Region 16	3.8	3.8	3.8	10.6	10.6	10.6	72.2	72.2	72.2	2	Region 17	3.8	3.7	3.8	10.7	10.4	10.9	72.4	71.9	72.9		
8	Region 17	4.1	3.9	4.4	10.1	9.6	10.9	72.1	71.2	72.7	1	Region 18	3.6	3.6	3.6	9.2	9.2	9.2	73.8	73.8	73.8		
8	Region 19	4.0	3.8	4.2	10.4	9.5	10.9	72.2	71.4	72.7	4	Region 19	3.8	3.4	4.1	9.9	8.7	10.7	73.0	72.5	74.0		
1	Region 20	4.1	4.1	4.1	9.7	9.7	9.7	72.6	72.6	72.6	2	Region 20	3.4	3.3	3.5	9.6	9.6	9.6	74.1	73.7	74.5		
9	Region 21	3.9	3.7	4.2	9.4	8.0	10.6	73.1	72.6	73.7	3	Region 21	3.7	3.4	3.9	9.9	9.1	10.3	73.6	73.4	73.8		
1	Region 22	4.0	4.0	4.0	9.3	9.3	9.3	73.2	73.2	73.2	1	Region 22	3.8	3.8	3.8	10.1	10.1	10.1	72.8	72.8	72.8		
8	Region 23	3.9	3.5	4.1	9.2	8.6	9.8	73.1	72.4	74.1	1	Region 23	3.6	3.6	3.6	9.4	9.4	9.4	72.9	72.9	72.9		
3	Region 24	4.1	4.1	4.2	9.7	8.8	10.2	72.9	72.3	73.4	2	Region 24	3.7	3.6	3.8	10.2	9.5	10.9	73.5	73.4	73.5		
1	Region 28	3.6	3.6	3.6	9.7	9.7	9.7	73.2	73.2	73.2	5	Region 25	3.6	3.4	4.0	10.5	9.5	11.0	72.9	72.3	73.4		
1	Region 30	4.0	4.0	4.0	7.5	7.5	7.5	74.2	74.2	74.2	1	Region 26	3.2	3.2	3.2	9.0	9.0	9.0	74.0	74.0	74.0		
1	Region 31	3.9	3.9	3.9	9.7	9.7	9.7	73.0	73.0	73.0	1	Region 27	3.9	3.9	3.9	11.0	11.0	11.0	72.7	72.7	72.7		
1	Region 33	3.1	3.1	3.1	10.5	10.5	10.5	72.9	72.9	72.9	5	Region 28	3.3	3.1	3.6	9.7	8.8	11.0	73.4	72.2	74.0		
2	Region 34	3.5	3.3	3.7	8.9	8.6	9.2	73.7	73.6	73.8	2	Region 29	3.2	3.2	3.2	9.6	9.4	9.7	74.2	74.1	74.3		
											5	Region 30	3.3	3.2	3.5	9.1	8.8	9.7	74.2	73.6	74.9		
											5	Region 31	3.3	3.1	3.6	10.0	9.5	10.6	73.8	73.4	74.5		
											4	Region 32	3.2	3.0	3.4	10.2	9.8	10.7	74.1	73.9	74.2		
											3	Region 33	3.2	3.1	3.4	10.1	9.9	10.3	72.9	72.4	73.6		
											6	Region 34	3.4	3.1	3.7	10.0	8.4	10.8	73.7	73.0	74.0		
66	Ave WM 2	4.0			9.8			72.6			60	Ave YM 2	3.5			9.9			73.4				
	Min WM 2		3.1			7.5		70.1				Min YM 2		3.0			8.3			71.7			
	Max WM 2			4.7		12.0		74.2				Max YM 2			4.1			11.0			74.9		

TABLE 12: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE 2006/07 (continue)										TABLE 12: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE 2006/07 (continue)											
Number of samples	Region	% (db) Fat			% (db) Protein			% (db) Starch			Number of samples	Region	% (db) Fat			% (db) Protein			% (db) Starch		
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.			ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
GRADE: WM 3																					
4	Region 12	4.1	4.0	4.3	10.1	9.4	11.0	71.7	70.8	72.3	1	Region 12	3.5	3.5	3.5	10.9	10.9	10.9	73.3	73.3	73.3
3	Region 13	4.3	4.3	4.4	10.4	10.2	10.8	71.7	71.4	71.9	1	Region 13	3.6	3.6	3.6	10.4	10.4	10.4	73.1	73.1	73.1
4	Region 14	4.1	3.7	4.5	10.0	8.3	10.8	72.2	70.8	73.5	2	Region 17	4.0	3.7	4.2	10.3	10.1	10.5	72.4	72.0	72.7
4	Region 15	3.9	3.3	4.2	9.5	7.8	10.7	72.4	70.8	74.2	1	Region 19	3.2	3.2	3.2	11.7	11.7	11.7	72.9	72.9	72.9
3	Region 16	3.8	3.7	3.8	11.5	10.5	12.0	71.8	71.5	72.4	1	Region 23	3.5	3.5	3.5	10.4	10.4	10.4	73.0	73.0	73.0
6	Region 17	4.1	3.8	4.4	10.1	9.5	11.2	72.3	71.4	73.3	1	Region 35	3.5	3.5	3.5	10.8	10.8	10.8	72.5	72.5	72.5
3	Region 19	4.2	3.8	4.5	10.5	8.5	11.6	71.8	70.9	73.0											
2	Region 20	3.9	3.8	3.9	9.6	9.6	9.6	73.2	73.0	73.4											
1	Region 21	3.8	3.8	3.8	9.2	9.2	9.2	73.7	73.7	73.7											
1	Region 22	4.0	4.0	4.0	9.9	9.9	9.9	72.8	72.8	72.8											
2	Region 23	4.2	4.2	4.2	9.4	9.1	9.7	72.4	72.3	72.4											
2	Region 24	4.0	3.9	4.0	9.8	9.7	9.9	72.9	72.8	72.9											
1	Region 32	3.4	3.4	3.4	9.7	9.7	9.7	73.7	73.7	73.7											
1	Region 33	2.9	2.9	2.9	10.5	10.5	10.5	73.0	73.0	73.0											
1	Region 34	3.7	3.7	3.7	9.5	9.5	9.5	73.9	73.9	73.9											
38	Ave WM 3	4.0		2.9	10.1		7.8	72.3		70.8	7	Ave YM 3	3.6		3.2	10.7		10.1	72.8		72.0
	Min WM 3											Min YM 3									
	Max WM 3			4.5			12.0			74.2		Max YM 3			4.2			11.7			73.3
GRADE: COM																					
1	Region 15	4.0	4.0	4.0	10.7	10.7	10.7	72.5	72.5	72.5	3	Region 14	4.0	3.6	4.6	10.3	10.0	10.8	72.3	71.7	73.5
1	Region 21	4.0	4.0	4.0	9.4	9.4	9.4	73.4	73.4	73.4	1	Region 15	3.9	3.9	3.9	9.0	9.0	9.0	73.0	73.0	73.0
1	Region 26	4.2	4.2	4.2	7.7	7.7	7.7	73.2	73.2	73.2	2	Region 16	4.0	3.9	4.0	10.4	10.4	10.4	72.1	72.0	72.2
1	Region 33	3.7	3.7	3.7	7.9	7.9	7.9	73.1	73.1	73.1	1	Region 25	3.6	3.6	3.6	9.5	9.5	9.5	72.3	72.3	72.3
											1	Region 30	3.1	3.1	3.1	9.1	9.1	9.1	73.0	73.0	73.0
4	Ave COM	4.0		3.7	8.9		7.7	73.1		72.5	8	Ave COM	3.8		3.1	9.9		9.0	72.4		71.7
	Min COM											Min COM									
	Max COM			4.2			10.7			73.4		Max COM			4.6			10.8			73.5
563	Ave White	3.9		2.9	9.3		7.5	72.9		70.1	337	Ave Yellow	3.5		2.8	9.5		6.9	73.3		70.5
	Min White											Min Yellow									
	Max White			4.8			12.0			74.9		Max Yellow			4.6			12.7			75.2
900	Ave Maize	3.7		2.8	9.4		6.9	73.0		70.1	900	Ave Maize	3.7		2.8	9.4		6.9	73.0		70.1
	Min Maize											Min Maize									
	Max Maize			4.8			12.7			75.2		Max Maize			4.8			12.7			75.2