

TABLE 9: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2009/10)												TABLE 9: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2009/10)											
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 11	3.9	3.9	3.9	8.2	8.2	8.2	72.6	72.6	72.6	27	Region 10	3.5	3.3	3.7	7.4	6.5	7.7	73.9	72.8	74.7		
8	Region 12	4.3	4.2	4.5	8.3	7.6	8.9	72.6	71.7	73.2	4	Region 11	3.6	3.5	3.7	7.6	7.3	7.9	73.3	72.0	74.0		
6	Region 13	4.3	4.1	4.4	8.6	8.4	8.9	72.6	71.9	73.3	4	Region 12	3.8	3.6	4.0	8.5	8.2	8.9	73.6	73.5	73.7		
11	Region 14	4.5	4.2	4.9	8.8	8.3	9.2	72.0	71.4	73.1	4	Region 13	4.0	3.8	4.4	9.1	8.8	9.3	72.9	72.5	73.1		
13	Region 15	4.3	4.1	4.4	8.8	8.4	9.1	72.4	71.8	73.4	6	Region 14	3.9	3.7	4.0	8.7	8.2	9.4	72.8	72.3	73.4		
18	Region 16	4.3	4.2	4.6	8.6	8.2	9.8	72.3	71.7	73.0	3	Region 15	3.7	3.6	4.0	8.8	8.1	10.1	73.0	72.3	73.6		
10	Region 17	4.4	4.2	4.9	8.4	7.6	8.8	72.4	71.8	73.0	3	Region 16	3.9	3.9	3.9	9.2	8.7	9.5	72.4	72.2	72.5		
8	Region 18	4.4	4.2	4.9	8.5	8.1	9.0	72.3	71.3	73.5	6	Region 17	3.9	3.7	4.1	8.6	8.1	9.6	73.5	72.7	74.4		
5	Region 19	4.3	4.2	4.5	8.3	7.6	8.8	72.8	72.3	73.5	6	Region 18	3.8	3.7	4.1	8.4	8.2	8.6	73.1	72.2	73.7		
5	Region 20	4.2	4.1	4.4	8.2	7.8	8.5	72.8	72.2	73.2	2	Region 19	4.0	3.9	4.0	8.5	8.3	8.6	73.5	73.2	73.8		
25	Region 21	4.4	4.0	4.9	8.5	8.0	10.0	72.2	71.1	73.6	5	Region 20	3.8	3.6	4.0	8.4	8.1	8.7	73.3	72.5	73.7		
6	Region 22	4.2	4.0	4.3	8.5	7.9	8.9	72.5	71.5	73.2	8	Region 21	3.9	3.7	4.0	8.7	8.0	9.1	72.8	72.1	73.5		
21	Region 23	4.3	4.1	4.5	8.7	7.9	10.0	72.5	71.3	73.6	2	Region 22	3.9	3.9	3.9	9.2	9.1	9.3	72.4	72.2	72.6		
20	Region 24	4.3	4.2	4.5	8.7	8.1	9.5	72.1	70.6	73.4	9	Region 23	4.0	3.5	4.4	9.3	8.4	9.9	72.0	71.0	72.7		
14	Region 25	4.2	3.7	4.5	7.7	6.6	9.0	72.6	72.1	73.8	6	Region 24	4.0	3.8	4.2	8.5	8.2	8.9	73.0	72.4	73.6		
12	Region 26	4.3	4.1	4.7	8.1	7.3	9.1	72.7	71.4	73.2	23	Region 25	3.7	3.5	4.0	8.0	7.2	8.7	73.4	72.4	74.7		
2	Region 27	4.4	4.4	4.4	8.2	8.1	8.2	72.7	72.2	73.2	11	Region 26	3.8	3.6	4.1	8.2	7.5	9.1	73.5	72.8	74.0		
25	Region 28	4.2	3.8	4.6	8.0	7.4	8.8	72.6	71.7	74.3	4	Region 27	3.6	3.4	3.9	8.0	7.6	8.4	73.1	72.9	73.4		
26	Region 29	4.2	3.8	4.6	8.1	7.1	9.5	72.7	71.6	73.6	35	Region 28	3.8	3.5	4.7	8.1	7.3	9.2	73.1	71.7	74.3		
14	Region 30	4.2	3.9	4.7	8.5	7.4	8.9	72.3	71.7	73.9	27	Region 29	3.9	3.4	4.4	8.2	6.9	9.2	73.5	71.8	75.4		
5	Region 31	4.1	3.9	4.2	8.4	7.9	9.0	73.0	72.4	73.5	8	Region 30	3.9	3.6	4.5	7.9	7.0	8.4	73.3	72.1	74.4		
17	Region 32	4.1	3.9	4.4	8.2	7.5	8.8	73.0	72.5	73.6	7	Region 31	3.9	3.8	4.1	8.1	7.9	8.4	73.6	73.1	74.4		
3	Region 33	4.1	4.0	4.3	8.6	7.8	9.8	73.2	72.4	73.8	8	Region 32	3.8	3.4	4.2	8.2	7.6	8.6	73.5	72.7	74.1		
10	Region 34	4.3	4.1	4.5	8.2	7.8	9.3	73.0	72.5	73.6	7	Region 34	4.0	3.9	4.1	8.2	7.7	8.7	73.4	72.6	74.2		
7	Region 35	4.4	4.1	4.7	8.6	8.2	9.1	72.0	71.0	73.3	5	Region 35	3.8	3.4	3.9	8.0	7.4	8.6	73.2	72.9	73.5		
15	Region 36	4.5	4.2	5.8	8.8	7.9	9.6	72.4	70.8	73.8	8	Region 36	3.9	3.6	4.3	8.3	7.8	8.9	73.0	71.7	73.7		
307	Ave WM 1	4.3	3.7	5.8	8.4	6.6	10.0	72.5	70.6	74.3	238	Ave YM 1	3.8	3.3	4.7	8.2	6.5	10.1	73.3	71.0	75.4		
	Min WM 1											Min YM 1											
	Max WM 1											Max YM 1											

TABLE 9: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2009/10) (continue)										TABLE 9: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2009/10) (continue)									
Number of samples	Region	% (db)			% (db)			Region	Number of samples	% (db)			% (db)						
		Fat	Protein	Starch	Fat	Protein	Starch			Fat	Protein	Starch							
		ave.	min.	max.	ave.	min.	max.			ave.	min.	max.	ave.	min.	max.				
GRADE: WM 2																			
1	Region 11	4.0	4.0	4.0	9.5	9.5	9.5		3	4.0	3.8	4.4	8.2	7.8	8.5	73.4	73.2	73.7	
1	Region 12	4.4	4.4	4.4	8.2	8.2	8.2		1	3.7	3.7	3.7	8.7	8.7	8.7	72.8	72.8	72.8	
2	Region 13	4.1	4.0	4.1	8.1	7.7	8.4		4	4.0	3.4	4.4	7.8	7.0	8.7	73.8	73.0	74.7	
7	Region 14	4.3	4.0	4.6	8.5	8.0	9.2		1	3.9	3.9	3.9	9.1	9.1	9.1	72.5	72.5	72.5	
6	Region 15	4.3	4.2	4.4	8.7	8.6	8.9		2	4.0	3.9	4.1	9.1	8.8	9.4	72.7	72.3	73.1	
4	Region 16	4.2	4.1	4.3	8.7	8.4	8.8		2	3.5	3.3	3.6	7.7	7.5	7.9	73.8	73.8	73.8	
3	Region 17	4.0	3.9	4.1	8.5	8.2	8.7		2	3.8	3.7	3.9	9.0	8.6	9.3	73.4	72.8	74.0	
4	Region 18	4.2	4.0	4.3	8.2	7.9	8.4		3	3.7	3.4	3.9	8.1	8.0	8.2	73.8	73.3	74.5	
4	Region 19	4.1	3.8	4.4	8.5	8.4	8.6		1	3.4	3.4	3.4	6.5	6.5	6.5	74.7	74.7	74.7	
3	Region 20	4.1	4.1	4.2	8.4	8.3	8.5		1	3.4	3.4	3.4	7.5	7.5	7.5	73.7	73.7	73.7	
3	Region 21	4.2	4.0	4.3	8.9	8.8	9.0		1	3.7	3.7	3.7	9.1	9.1	9.1	73.5	73.5	73.5	
4	Region 22	4.3	4.2	4.5	8.5	8.2	9.0		1	3.7	3.7	3.7	7.5	7.5	7.5	72.7	72.7	72.7	
9	Region 23	4.2	4.0	4.7	8.2	6.6	8.9		8	3.7	3.3	4.0	8.4	8.1	8.6	72.9	72.3	73.8	
11	Region 24	4.1	3.7	4.4	8.1	7.0	8.8		6	3.6	3.5	3.6	7.7	7.4	8.2	74.2	73.3	74.7	
8	Region 25	4.1	3.9	4.5	7.8	6.7	8.7		6	3.6	3.4	3.9	7.8	7.5	8.2	73.9	73.2	74.6	
5	Region 26	4.4	3.9	5.6	8.5	7.8	9.2		28	3.7	3.3	4.5	7.7	6.5	8.6	73.5	72.4	74.6	
4	Region 27	4.2	4.0	4.3	8.2	7.5	9.3		13	3.8	3.5	4.1	7.9	7.0	9.3	73.6	71.5	74.5	
11	Region 28	4.2	3.8	4.4	8.0	6.8	9.3		4	3.9	3.7	4.1	8.1	7.1	8.6	73.3	72.7	74.1	
6	Region 29	4.1	3.9	4.3	8.5	7.8	9.5		6	3.9	3.9	3.9	7.9	7.6	8.2	73.9	73.7	74.2	
4	Region 30	3.9	3.5	4.2	8.0	7.4	8.5		1	4.1	4.1	4.1	7.8	7.8	7.8	73.5	73.5	73.5	
9	Region 31	4.0	3.5	4.6	8.2	7.7	9.4		3	3.8	3.8	3.9	7.8	7.5	8.0	73.9	73.8	74.1	
8	Region 32	4.0	3.7	4.3	8.1	7.8	8.6												
1	Region 33	4.1	4.1	4.1	8.3	8.3	8.3												
6	Region 34	4.3	4.0	4.6	8.3	7.7	8.9												
1	Region 35	4.1	4.1	4.1	9.1	9.1	9.1												
1	Region 36	4.3	4.3	4.3	7.8	7.8	7.8												
126	Ave WM 2	4.2	3.5	5.6	8.3	6.6	9.5		97	3.8	3.3	4.5	7.9	6.5	9.4	73.6	71.5	74.7	
	Min WM 2								Min YM 2										
	Max WM 2								Max YM 2										

TABLE 9: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2009/10) (continue)										TABLE 9: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2009/10) (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										GRADE: YM3											
2	Region 12	4.1	4.0	4.2	8.4	7.8	8.9	73.2	73.1	73.2	1	Region 12	3.6	3.6	3.6	9.1	9.1	9.1	74.1	74.1	74.1
1	Region 13	4.2	4.2	4.2	7.7	7.7	7.7	73.3	73.3	73.3	1	Region 13	3.5	3.5	3.5	8.6	8.6	8.6	74.0	74.0	74.0
1	Region 17	4.2	4.2	4.2	9.2	9.2	9.2	72.6	72.6	72.6	1	Region 20	3.6	3.6	3.6	8.8	8.8	8.8	73.3	73.3	73.3
2	Region 18	4.0	3.9	4.0	7.9	7.8	8.0	74.1	73.7	74.5	1	Region 26	4.1	4.1	4.1	8.9	8.9	8.9	72.5	72.5	72.5
1	Region 19	3.9	3.9	3.9	8.6	8.6	8.6	72.5	72.5	72.5	1	Region 28	3.4	3.4	3.4	7.5	7.5	7.5	74.9	74.9	74.9
2	Region 20	4.0	3.9	4.0	8.2	8.1	8.2	73.3	73.1	73.4	1	Region 36	3.6	3.6	3.6	7.9	7.9	7.9	74.3	74.3	74.3
1	Region 21	4.1	4.1	4.1	8.4	8.4	8.4	73.5	73.5	73.5											
4	Region 23	4.0	3.7	4.2	8.4	7.5	8.9	72.9	72.6	73.2											
1	Region 24	4.2	4.2	4.2	8.1	8.1	8.1	73.4	73.4	73.4											
1	Region 25	4.0	4.0	4.0	8.5	8.5	8.5	72.4	72.4	72.4											
2	Region 26	4.0	3.8	4.1	7.9	7.0	8.8	73.3	72.6	73.9											
4	Region 28	4.0	3.8	4.1	8.3	8.0	9.0	72.7	72.4	73.0											
1	Region 29	4.2	4.2	4.2	8.4	8.4	8.4	72.2	72.2	72.2											
1	Region 32	3.8	3.8	3.8	9.3	9.3	9.3	72.9	72.9	72.9											
24	Ave WM 3	4.0			8.3			73.0			6	Ave YM3	3.6			8.5			73.9		
	Min WM 3			3.7		7.0		72.2				Min YM3				7.5					
	Max WM 3			4.2		9.3		74.5				Max YM3				9.1					
GRADE: COM										GRADE: COM											
1	Region 33	3.5	3.5	3.5	9.7	9.7	9.7	72.9	72.9	72.9	1	Region 30	3.8	3.8	3.8	8.5	8.5	8.5	72.0	72.0	72.0
1	Ave COM	3.5			9.7			72.9			1	Ave COM	3.8			8.5			72.0		
	Min COM			3.5		9.7		72.9				Min COM				8.5					
	Max COM			3.5		9.7		72.9				Max COM				8.5					
458	Ave White	4.2			8.4			72.6			342	Ave Yellow	3.8			8.1			73.4		
	Min White			3.5		6.6		70.6				Min Yellow				6.5					
	Max White			5.8		10.0		74.6				Max Yellow				10.1					
800	Ave Maize	4.0			8.3			72.9			800	Ave Maize	4.0			8.3			72.9		
	Min Maize			3.3		6.5		70.6				Min Maize				6.5					
	Max Maize			5.8		10.1		75.4				Max Maize				10.1					