

TABLE 9: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2010/2011)										TABLE 9: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2010/2011)											
Number of samples	Region	Fat % (db)			Protein % (db)			Starch % (db)			Number of samples	Region	Fat % (db)			Protein % (db)			Starch % (db)		
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.			ave.	min.	max.	ave.	min.	max.			
<b>GRADE: WM 1</b>										<b>GRADE: YM 1</b>											
1	Region 08	4.2	4.2	4.2	8.2	8.2	82.2	73.5	73.5	73.5	1	Region 08	2.8	2.8	2.8	8.5	8.5	75.2	75.2	75.2	
9	Region 12	4.1	3.9	4.3	8.3	7.9	8.5	73.5	72.9	74.2	29	Region 10	3.3	3.1	3.6	7.1	6.3	74.8	73.6	76.0	
13	Region 13	4.1	4.0	4.3	7.9	7.4	9.0	73.3	72.4	74.1	1	Region 11	3.5	3.5	3.5	7.0	7.0	75.1	75.1	75.1	
14	Region 14	4.1	4.0	4.4	7.9	7.4	8.2	73.3	72.7	74.1	5	Region 12	3.6	3.5	3.8	8.7	8.1	73.9	72.9	74.9	
4	Region 15	4.2	4.1	4.3	8.3	8.1	8.4	73.2	72.9	73.4	6	Region 13	3.6	3.4	3.8	8.1	7.8	74.3	73.5	74.9	
9	Region 16	4.2	3.8	4.4	7.8	7.3	8.4	73.6	72.9	74.2	11	Region 14	3.6	3.5	3.8	8.4	7.7	73.8	72.4	75.0	
22	Region 17	4.1	3.8	4.3	7.8	6.9	8.6	73.4	72.5	74.3	1	Region 15	3.8	3.8	3.8	8.3	8.3	73.2	73.2	73.2	
14	Region 18	4.1	3.9	4.4	7.9	7.6	8.6	73.4	72.6	73.8	2	Region 16	3.8	3.8	3.8	7.6	7.2	74.1	74.0	74.1	
11	Region 19	4.1	4.0	4.5	7.9	7.6	8.9	73.3	72.6	73.9	8	Region 17	3.7	3.3	3.9	8.1	7.6	74.1	72.8	75.2	
7	Region 20	4.1	4.0	4.3	7.7	7.5	8.3	73.7	73.2	74.0	5	Region 18	3.6	3.6	3.8	8.1	7.8	74.1	73.8	74.3	
8	Region 21	4.0	3.9	4.2	8.0	6.9	8.8	73.4	72.4	73.9	10	Region 19	3.7	3.4	3.9	8.0	7.5	74.1	73.6	75.0	
8	Region 22	4.1	4.0	4.4	7.9	7.1	8.3	73.3	72.5	74.2	8	Region 20	3.8	3.6	3.9	8.0	7.5	73.8	73.3	74.4	
13	Region 23	4.2	3.9	4.6	8.2	6.9	9.1	73.2	72.2	74.0	1	Region 21	3.8	3.8	3.8	8.0	8.0	73.7	73.7	73.7	
12	Region 24	4.1	4.0	4.2	8.2	7.5	8.5	73.3	72.3	73.7	2	Region 22	3.5	3.3	3.6	8.3	8.3	74.5	74.5	74.5	
6	Region 25	4.0	3.2	4.5	7.3	6.1	8.1	74.1	73.2	77.0	6	Region 23	3.7	3.2	3.8	8.2	7.0	74.0	73.3	74.6	
6	Region 26	4.2	4.0	4.4	7.7	7.1	8.2	73.5	72.6	74.5	1	Region 24	3.7	3.7	3.7	8.7	8.7	73.8	73.8	73.8	
1	Region 27	4.2	4.2	4.2	7.5	7.5	7.5	74.0	74.0	74.0	19	Region 25	3.7	3.3	4.0	7.5	6.5	74.3	73.3	75.7	
19	Region 28	4.1	3.7	4.4	7.9	7.0	9.5	73.6	72.7	74.6	8	Region 26	3.7	3.5	4.1	7.6	7.1	74.3	73.7	74.9	
7	Region 30	3.9	3.7	4.3	8.0	7.8	8.2	73.6	72.8	74.7	4	Region 27	3.5	3.4	3.6	7.8	7.6	74.2	74.1	74.3	
2	Region 31	4.2	4.1	4.3	8.1	8.0	8.1	73.5	73.1	73.8	27	Region 28	3.7	3.4	4.2	7.9	6.9	74.2	72.7	75.0	
16	Region 32	4.0	3.6	4.2	7.8	7.1	8.6	74.0	72.9	74.7	6	Region 30	3.5	3.2	3.8	7.1	6.3	74.7	72.9	75.6	
16	Region 33	3.9	3.7	4.0	8.0	7.2	8.5	74.0	73.2	74.5	1	Region 31	3.7	3.7	3.7	8.1	8.1	74.8	74.8	74.8	
28	Region 34	4.1	3.8	4.4	7.8	7.0	8.5	73.7	72.7	74.5	8	Region 32	3.8	3.4	3.9	8.1	7.6	74.2	73.6	74.9	
5	Region 35	3.9	3.6	4.2	8.4	8.2	8.6	73.8	73.3	74.0	6	Region 33	3.7	3.4	4.0	7.9	7.3	74.5	73.8	75.8	
13	Region 36	4.1	3.8	4.4	8.1	7.4	9.4	73.6	73.0	74.1	19	Region 34	3.7	3.4	4.2	8.1	6.5	74.0	72.7	75.5	
264	Ave WM 1	4.1			7.9			73.5			212	Ave YM 1	3.6			7.8		74.2			
	Min WM 1		3.2			6.1		72.2				Min YM 1		2.8		6.3		72.4			
	Max WM 1			4.6		9.5		77.0				Max YM 1			4.4		9.8			76.0	

TABLE 9: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2010/2011) (continue)												TABLE 9: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2010/2011) (continue)											
Number of samples	Region	Fat % (db)			Protein % (db)			Starch % (db)			Number of samples	Region	Fat % (db)			Protein % (db)			Starch % (db)				
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.			ave.	min.	max.	ave.	min.	max.	ave.	min.	max.		
<b>GRADE: WM 2</b>												<b>GRADE: YM 2</b>											
11	Region 12	4.1	3.8	4.2	7.9	7.4	8.5	73.6	72.8	74.2	3	Region 12	3.5	3.4	3.8	8.6	8.1	9.4	74.3	72.9	75.2		
14	Region 13	4.0	3.7	4.3	7.5	7.0	8.1	73.7	73.0	74.9	3	Region 13	3.7	3.6	3.9	7.7	7.6	7.7	74.4	74.1	74.6		
13	Region 14	4.1	3.9	4.3	8.2	7.4	8.8	73.3	71.9	74.5	4	Region 14	3.7	3.5	3.9	8.5	7.5	9.6	73.8	72.4	74.6		
5	Region 15	4.1	3.9	4.3	8.4	8.2	8.7	73.5	73.1	74.0	3	Region 16	3.7	3.4	3.9	8.2	8.0	8.6	74.3	73.3	75.4		
5	Region 16	4.1	4.0	4.2	8.0	7.8	8.2	73.1	72.6	74.2	1	Region 17	3.4	3.4	3.4	7.7	7.7	7.7	75.0	75.0	75.0		
6	Region 17	4.0	3.8	4.2	7.7	7.3	8.2	73.9	73.3	74.1	3	Region 18	3.5	3.4	3.7	8.0	8.0	8.1	74.2	73.4	74.7		
5	Region 18	4.0	3.9	4.1	7.8	7.6	8.1	73.9	73.2	74.6	5	Region 19	3.9	3.6	4.1	8.2	7.9	8.4	73.9	72.8	74.8		
11	Region 19	4.0	3.8	4.3	7.9	7.0	9.0	73.8	72.4	74.5	4	Region 20	3.8	3.7	3.9	8.2	7.7	8.6	73.8	73.1	74.6		
3	Region 20	4.0	3.9	4.0	7.8	7.2	8.6	73.6	72.9	74.1	1	Region 22	3.5	3.5	3.5	8.5	8.5	8.5	74.3	74.3	74.3		
1	Region 21	4.3	4.3	4.3	7.7	7.7	7.7	72.7	72.7	72.7	10	Region 23	3.8	3.5	4.0	8.2	6.6	9.3	73.7	72.3	74.6		
2	Region 22	4.2	4.2	4.2	7.7	7.1	8.3	73.7	73.6	73.7	9	Region 25	3.6	3.3	4.1	7.2	6.5	7.8	74.6	73.5	75.8		
11	Region 23	4.2	3.9	4.3	8.2	7.2	9.0	73.2	72.7	74.0	4	Region 26	3.6	3.2	3.9	7.0	6.6	7.2	75.1	74.7	75.6		
9	Region 24	4.1	4.0	4.3	8.0	7.0	9.0	73.2	72.2	74.2	3	Region 27	3.4	3.4	3.4	7.7	7.5	8.0	75.1	74.8	75.5		
12	Region 25	4.2	3.6	4.5	7.2	6.2	8.2	73.8	73.1	74.8	6	Region 28	3.6	3.5	3.7	7.9	7.3	8.7	74.6	73.6	75.1		
4	Region 26	4.1	3.8	4.2	7.4	6.5	8.3	74.3	73.6	75.1	1	Region 30	3.5	3.5	3.5	8.1	8.1	8.1	74.3	74.3	74.3		
1	Region 27	3.7	3.7	3.7	7.4	7.4	7.4	73.4	73.4	73.4	1	Region 33	3.5	3.5	3.5	7.2	7.2	7.2	75.0	75.0	75.0		
6	Region 28	4.1	3.9	4.2	7.7	7.1	8.5	73.6	73.1	74.2	2	Region 36	3.5	3.2	3.7	7.8	7.7	7.9	75.0	74.4	75.5		
1	Region 33	3.9	3.9	3.9	8.3	8.3	8.3	73.9	73.9	73.9	63	Ave YM 2	3.6	3.6	3.6	7.9	6.5	9.6	74.3	72.3	75.8		
3	Region 34	3.8	3.6	4.0	8.2	7.9	8.7	74.1	73.6	74.7		Min YM 2											
2	Region 36	4.1	4.0	4.2	7.8	7.5	8.1	73.6	73.5	73.6		Max YM 2											
125	Ave WM 2	4.1			7.8			73.6			63	Ave YM 2	3.6	3.2	4.1	7.9	6.5	9.6	74.3	72.3	75.8		
	Min WM 2		3.6		6.2			71.9				Min YM 2											
	Max WM 2			4.5	9.0			75.1				Max YM 2											

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Number of samples	Region	Fat % (db)			Protein % (db)			Starch % (db)			Number of samples	Region	Fat % (db)			Protein % (db)			Starch % (db)				
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.			ave.	min.	max.	ave.	min.	max.	ave.	min.	max.		
<b>GRADE: WM 3</b>												<b>GRADE: YM3</b>											
1	Region 12	4.2	4.2	4.2	8.1	8.1	8.1	73.1	73.1	73.1	1	Region 20	3.8	3.8	3.8	7.7	7.7	7.7	73.9	73.9	73.9		
2	Region 13	4.0	3.9	4.0	7.3	7.5	7.5	74.4	74.3	74.5	2	Region 23	3.9	3.6	4.1	8.3	7.5	9.0	73.6	72.2	75.0		
4	Region 14	4.1	4.0	4.2	8.0	7.0	8.5	73.2	72.3	73.6													
1	Region 15	4.2	4.2	4.2	8.8	8.8	8.8	73.0	73.0	73.0													
2	Region 17	4.1	4.1	4.1	8.2	7.6	8.7	74.0	73.3	74.6													
2	Region 18	4.0	3.9	4.0	7.6	7.3	7.9	73.3	73.1	73.5													
3	Region 19	3.8	3.7	3.9	8.0	7.5	8.5	73.8	73.4	74.2													
3	Region 20	3.9	3.7	4.0	7.7	6.8	8.9	73.5	72.5	74.2													
3	Region 23	4.1	3.7	4.3	8.9	8.5	9.4	72.9	72.5	73.3													
21	Ave WM 3	4.0		3.7	8.1		6.8	73.5		74.6	3	Ave YM3	3.8		3.6	8.1		7.5	73.7		75.0		
	Min WM 3											Min YM3											
	Max WM 3											Max YM3											
<b>GRADE: COM</b>												<b>GRADE: COM</b>											
1	Region 19	3.4	3.4	3.4	6.6	6.6	6.6	75.0	75.0	75.0	1	Region 12	3.8	3.8	3.8	7.7	7.7	7.7	74.0	74.0	74.0		
1	Region 20	2.8	2.8	2.8	7.2	7.2	7.2	75.6	75.6	75.6	1	Region 20	4.0	4.0	4.0	8.2	8.2	8.2	73.1	73.1	73.1		
1	Region 25	3.7	3.7	3.7	7.0	7.0	7.0	74.1	74.1	74.1													
3	Ave COM	3.3		3.7	6.9		7.2	74.9		75.6	2	Ave COM	3.9		4.0	8.0		8.2	73.6		74.0		
	Min COM											Min COM											
	Max COM											Max COM											
413	Ave White	4.1		3.7	7.9		9.5	73.6		77.0	280	Ave Yellow	3.6		4.0	7.8		8.2	74.2		76.0		
	Min White											Min Yellow											
	Max White											Max Yellow											
693	Ave Maize	3.9		4.6	7.9		9.8	73.8		77.0	693	Ave Maize	3.9		4.6	7.9		9.8	73.8		77.0		
	Min Maize											Min Maize											
	Max Maize											Max Maize											