

TABLE 19: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2016/2017)												TABLE 20: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2016/2017)											
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.		
GRADE: WM1												GRADE: YM1											
2	Region 10	3.9	3.9	3.9	9.0	9.0	9.1	74.19	74.18	74.2	37	Region 10	3.5	3.3	4.2	8.5	8.0	10.1	74.5	73.4	75.3		
1	Region 11	4.0	-	-	9.1	-	-	73.7	-	-	3	Region 11	3.5	3.4	3.5	8.4	8.3	8.5	74.7	74.5	75.0		
14	Region 12	4.2	3.9	4.9	8.5	7.6	9.2	74.5	73.5	75.4	3	Region 12	4.0	3.9	4.2	8.4	7.9	8.9	75.3	74.7	76.2		
20	Region 13	4.2	4.0	4.6	8.3	7.0	9.8	74.5	73.4	75.3	5	Region 13	4.0	3.8	4.4	9.2	8.8	9.7	74.4	72.8	75.5		
29	Region 14	4.1	3.8	4.4	8.5	7.3	9.0	74.5	73.5	75.0	8	Region 14	4.1	3.9	4.5	8.8	8.5	9.9	74.1	72.2	75.1		
4	Region 15	3.8	3.7	4.0	8.6	8.3	8.9	74.2	73.6	74.9	-	Region 15	-	-	-	-	-	-	-	-	-		
15	Region 17	4.2	3.8	4.6	8.5	7.5	8.8	74.6	73.8	75.8	3	Region 17	4.0	3.7	4.2	8.6	8.1	9.0	75.0	73.9	76.0		
6	Region 18	4.2	4.0	4.4	8.1	7.8	8.7	74.6	73.9	75.2	3	Region 18	4.1	4.1	4.2	8.7	8.2	9.1	74.4	74.2	74.8		
11	Region 19	4.1	3.9	4.4	8.4	7.8	8.8	74.4	73.7	74.9	5	Region 19	4.1	3.9	4.5	8.8	8.2	9.9	73.8	72.6	74.9		
21	Region 20	4.1	3.9	4.5	8.4	7.8	9.1	74.6	73.8	75.9	5	Region 20	4.0	3.6	4.2	8.9	8.5	9.8	73.9	72.5	75.2		
56	Region 21	4.2	3.8	4.8	8.7	8.0	9.5	74.1	72.7	75.4	10	Region 21	4.3	4.0	4.7	9.2	8.7	10.2	73.3	72.0	74.4		
31	Region 22	4.0	3.6	4.4	8.8	8.1	9.7	74.0	72.3	75.3	3	Region 22	4.4	4.1	4.8	9.2	8.1	10.1	73.5	71.7	75.7		
16	Region 23	4.0	3.7	4.2	8.5	7.9	9.0	74.3	73.2	75.7	3	Region 23	4.5	4.1	4.9	9.7	9.1	10.0	72.7	71.5	74.2		
16	Region 24	4.1	3.9	4.5	8.4	7.5	9.0	74.4	73.4	75.5	3	Region 24	4.2	4.1	4.2	9.3	8.6	9.8	73.9	73.5	74.8		
4	Region 25	4.2	3.9	4.3	8.8	7.8	9.7	74.0	73.6	74.9	26	Region 25	4.0	3.8	4.4	8.6	8.1	9.5	73.9	72.9	74.7		
19	Region 26	4.3	3.7	4.9	8.5	7.9	10.2	74.4	72.2	75.6	28	Region 26	4.3	3.9	4.8	8.7	7.1	10.2	73.6	72.2	74.6		
21	Region 28	4.3	3.8	4.6	8.8	7.5	9.6	74.0	73.1	75.6	33	Region 28	4.1	3.7	4.6	9.1	8.1	10.3	73.4	71.5	74.6		
26	Region 29	4.2	3.8	5.0	9.1	8.0	11.5	73.6	70.8	74.8	74	Region 29	4.2	3.7	4.9	9.1	7.7	10.2	73.3	71.6	74.4		
17	Region 30	4.2	3.9	4.4	8.9	7.9	9.8	73.8	72.1	75.2	31	Region 30	4.2	3.5	4.8	8.8	7.5	9.8	73.6	71.5	75.2		
15	Region 31	4.1	3.8	4.6	9.0	8.4	10.2	73.9	72.9	74.4	14	Region 31	4.0	3.7	4.4	8.7	8.2	9.4	73.9	73.3	74.6		
19	Region 32	4.1	3.9	4.7	8.7	8.0	9.7	73.9	72.2	74.7	26	Region 32	4.1	3.7	4.6	8.9	7.9	10.1	73.7	72.2	74.8		
38	Region 33	4.3	4.0	4.9	8.9	7.9	10.4	73.8	71.5	74.7	24	Region 33	4.1	3.3	4.6	9.4	7.8	10.4	73.0	71.7	74.7		
38	Region 34	4.2	3.8	5.3	8.7	7.8	9.9	74.1	72.6	75.6	38	Region 34	4.2	3.5	4.8	8.8	7.5	10.8	73.6	71.3	74.9		
5	Region 35	4.1	3.7	4.5	8.8	8.2	9.7	73.9	72.5	74.9	9	Region 35	4.3	4.0	5.1	8.5	8.0	9.2	73.9	73.2	74.4		
25	Region 36	4.2	3.9	4.8	8.9	7.8	10.2	73.8	72.3	75.0	23	Region 36	4.0	3.6	4.7	8.7	7.6	10.0	73.8	72.2	74.9		
469	Ave. WM1	4.2	3.6	5.3	8.7	7.0	11.5	74.1	70.8	75.9	417	Ave. YM1	4.1	3.3	5.1	8.9	7.1	10.8	73.7	71.3	76.2		
	Min. WM1											Min. YM1											
	Max. WM1											Max. YM1											

TABLE 19: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2016/2017) (continue)												TABLE 20: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2016/2017) (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.		
GRADE: WM2												GRADE: YM2											
-	Region 11	-	-	-	-	-	-	-	-	-	1	Region 11	3.3	-	-	8.9	-	-	74.5	-	-		
3	Region 12	4.5	4.1	5.1	8.9	8.4	9.8	73.8	72.6	74.5	-	Region 12	-	-	-	-	-	-	-	-	-		
8	Region 13	4.0	3.4	4.4	8.8	8.1	10.0	74.0	72.7	74.8	1	Region 13	4.0	-	-	10.3	-	-	73.1	-	-		
2	Region 14	4.1	4.0	4.1	8.3	8.2	8.4	74.6	74.2	75.0	-	Region 14	-	-	-	-	-	-	-	-	-		
5	Region 17	4.2	3.9	4.6	8.0	6.8	8.6	74.5	73.5	75.0	1	Region 17	3.8	-	-	8.9	-	-	73.5	-	-		
1	Region 18	3.9	-	-	8.2	-	-	75.1	-	-	-	Region 18	-	-	-	-	-	-	-	-	-		
9	Region 19	4.2	4.0	4.6	8.2	7.2	9.0	74.4	73.4	75.3	1	Region 19	3.9	-	-	8.2	-	-	74.6	-	-		
1	Region 20	4.2	-	-	8.6	-	-	74.5	-	-	3	Region 20	4.1	4.0	4.2	9.0	8.2	9.8	73.7	73.0	74.5		
1	Region 21	4.0	-	-	8.8	-	-	74.3	-	-	1	Region 21	4.1	-	-	9.3	-	-	74.0	-	-		
-	Region 22	-	-	-	-	-	-	-	-	-	-	Region 22	-	-	-	-	-	-	-	-	-		
1	Region 23	4.0	-	-	8.9	-	-	74.6	-	-	1	Region 23	4.2	-	-	9.9	-	-	72.9	-	-		
3	Region 26	4.2	4.1	4.5	8.4	7.8	9.5	74.7	73.8	75.5	6	Region 26	4.1	3.9	4.3	8.3	7.3	9.3	73.4	72.3	74.7		
4	Region 29	4.3	4.2	4.4	8.8	8.6	9.0	73.7	73.2	74.0	1	Region 29	4.3	-	-	9.4	-	-	73.2	-	-		
3	Region 30	4.1	4.1	4.2	8.6	7.5	9.7	74.3	73.5	75.5	2	Region 30	4.2	3.6	4.7	8.3	8.0	8.5	73.7	73.1	74.3		
2	Region 31	3.9	3.8	4.0	9.2	8.9	9.4	74.0	73.8	74.2	-	Region 31	-	-	-	-	-	-	-	-	-		
8	Region 32	4.0	3.9	4.2	8.6	8.2	9.1	73.8	72.1	75.2	-	Region 32	-	-	-	-	-	-	-	-	-		
5	Region 33	4.3	4.1	4.4	9.0	8.8	9.5	73.6	73.2	74.0	2	Region 33	3.7	3.7	3.8	9.9	9.3	10.5	72.2	71.8	72.6		
1	Region 34	3.9	-	-	8.0	-	-	74.3	-	-	2	Region 34	4.3	4.1	4.5	8.6	8.2	8.9	74.5	74.1	75.0		
2	Region 35	4.2	4.1	4.3	8.9	8.5	9.2	73.7	73.3	74.0	1	Region 35	4.1	-	-	10.8	-	-	72.2	-	-		
3	Region 36	4.2	3.8	4.5	9.0	8.7	9.4	74.0	72.8	74.9	5	Region 36	3.9	3.7	4.1	8.3	7.4	8.7	74.2	73.8	74.6		
62	Ave. WM2	4.2	3.4	5.1	8.6	6.8	10.0	74.1	72.1	75.5	28	Ave. YM2	4.0	3.3	4.7	8.8	7.3	10.8	73.6	71.8	75.0		

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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.		
GRADE: WM3												GRADE: YM3											
1	Region 13	5.1	-	-	9.5	-	-	71.5	-	-	-	Region 13	-	-	-	-	-	-	-	-	-		
1	Region 17	4.2	-	-	7.5	-	-	75.3	-	-	-	Region 17	-	-	-	-	-	-	-	-	-		
1	Region 19	4.2	-	-	9.0	-	-	73.6	-	-	-	Region 19	-	-	-	-	-	-	-	-	-		
1	Region 20	3.8	-	-	8.3	-	-	74.6	-	-	1	Region 20	4.1	-	-	8.9	-	-	74.8	-	-		
1	Region 30	4.2	-	-	8.8	-	-	73.8	-	-	1	Region 30	4.0	-	-	9.2	-	-	71.9	-	-		
1	Region 32	4.3	-	-	9.5	-	-	73.4	-	-	-	Region 32	-	-	-	-	-	-	-	-	-		
1	Region 35	4.0	-	-	8.5	-	-	72.7	-	-	-	Region 35	-	-	-	-	-	-	-	-	-		
2	Region 36	3.9	3.8	4.0	8.7	8.5	8.8	74.1	73.7	74.5	-	Region 36	-	-	-	-	-	-	-	-	-		
9	Ave. WM3	4.2			8.7			73.7			2	Ave. YM3	4.0			9.1			73.4				
	Min. WM3	3.8			7.5			71.5				Min. YM3	4.0			8.9			71.9				
	Max. WM3	5.1			9.5			75.3				Max. YM3	4.1			9.2			74.8				
CLASS: COM												CLASS: COM											
1	Region 13	4.2	-	-	9.3	-	-	74.3	-	-	-	Region 13	-	-	-	-	-	-	-	-	-		
3	Region 19	4.3	4.2	4.3	8.6	8.4	8.8	73.7	73.6	73.9	-	Region 19	-	-	-	-	-	-	-	-	-		
1	Region 20	4.1	-	-	9.1	-	-	75.7	-	-	-	Region 20	-	-	-	-	-	-	-	-	-		
-	Region 26	-	-	-	-	-	-	-	-	-	2	Region 26	4.1	4.1	4.1	8.2	7.6	8.9	74.1	73.4	74.9		
-	Region 30	-	-	-	-	-	-	-	-	-	1	Region 30	4.1	-	-	8.4	-	-	74.6	-	-		
1	Region 31	4.8	-	-	9.6	-	-	72.5	-	-	-	Region 31	-	-	-	-	-	-	-	-	-		
2	Region 33	4.9	4.6	5.2	10.6	10.3	11.0	71.0	69.8	72.3	1	Region 33	4.5	-	-	9.5	-	-	71.3	-	-		
1	Region 35	3.9	-	-	8.5	-	-	73.8	-	-	-	Region 35	-	-	-	-	-	-	-	-	-		
9	Ave. COM	4.4			9.3			73.3			4	Ave. COM	4.2			8.6			73.5				
	Min. COM	3.9			8.4			69.8				Min. COM	4.1			7.6			71.3				
	Max. COM	5.2			11.0			75.7				Max. COM	4.5			9.5			74.9				
549	Ave. White	4.2			8.7			74.1			451	Min. Yellow	4.1			8.9			73.7				
	Min. White	3.4			6.8			69.8				Min. Yellow	3.3			7.1			71.3				
	Max. White	5.3			11.5			75.9				Max. Yellow	5.1			10.8			76.2				
1000	Ave. Maize	4.1			8.8			73.9			1000	Ave. Maize	4.1			8.8			73.9				
	Min. Maize	3.3			6.8			69.8				Min. Maize	3.3			6.8			69.8				
	Max. Maize	5.3			11.5			76.2				Max. Maize	5.3			11.5			76.2				