

TABLE 17: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2013/2014)												TABLE 17: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2013/2014)											
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											
-	Region 10	-	-	-	-	-	-	-	-	-	11	Region 10	3.5	3.1	3.7	8.1	7.7	8.8	74.0	73.0	74.6		
-	Region 11	-	-	-	-	-	-	-	-	-	3	Region 11	3.3	3.3	3.4	8.0	7.8	8.4	73.2	72.5	74.2		
7	Region 12	4.1	3.9	4.3	8.5	8.0	8.9	72.8	72.1	73.9	6	Region 12	3.6	3.5	3.8	8.6	7.8	8.8	73.7	73.3	74.0		
3	Region 13	4.0	3.9	4.1	8.4	8.0	8.8	73.2	72.7	73.7	4	Region 13	3.7	3.6	3.8	8.8	8.7	8.9	73.4	73.2	73.6		
26	Region 14	4.0	3.6	4.3	8.5	7.8	9.7	73.1	72.1	74.2	15	Region 14	3.7	3.4	4.0	8.6	7.7	9.5	73.2	72.0	74.9		
3	Region 15	4.0	4.0	4.0	9.0	8.9	9.1	72.9	72.7	73.1	3	Region 15	3.4	3.1	3.6	8.2	7.0	9.1	73.9	73.1	74.4		
9	Region 16	4.0	3.9	4.5	8.7	8.2	9.1	72.9	72.6	73.5	4	Region 16	3.8	3.6	3.9	8.7	7.9	9.1	73.3	71.7	74.1		
9	Region 17	3.9	3.7	4.2	8.3	8.0	8.7	73.1	72.3	73.9	6	Region 17	3.6	3.6	3.9	8.8	8.4	9.5	73.5	72.6	74.7		
6	Region 18	4.1	3.9	4.3	8.4	7.7	8.9	73.0	71.5	73.8	9	Region 18	3.8	3.5	4.1	8.5	8.4	8.8	73.6	72.6	74.2		
5	Region 19	3.8	3.7	4.0	8.4	7.9	8.8	73.4	72.2	74.4	8	Region 19	3.7	3.6	4.0	8.6	8.1	9.1	73.5	72.9	74.3		
5	Region 20	3.9	3.5	4.2	8.6	8.4	9.0	73.2	72.5	73.4	7	Region 20	3.8	3.5	4.2	8.3	7.3	8.7	73.2	72.1	74.1		
39	Region 21	4.1	3.8	4.3	8.7	8.0	9.3	72.7	71.6	73.5	14	Region 21	3.9	3.6	4.1	8.9	8.0	9.6	72.9	72.3	73.4		
28	Region 22	4.0	3.8	4.3	8.9	8.6	9.3	72.7	71.3	73.7	7	Region 22	4.0	3.7	4.4	9.5	8.8	10.7	72.5	71.5	73.7		
12	Region 23	4.1	4.0	4.3	9.0	8.5	10.1	72.2	71.7	73.2	7	Region 23	3.9	3.6	4.0	9.0	8.4	9.7	73.0	72.4	73.5		
42	Region 24	4.1	3.8	4.6	8.9	7.6	9.8	72.7	71.8	73.8	10	Region 24	4.0	3.7	4.6	8.9	7.7	10.3	73.0	70.9	74.4		
7	Region 25	4.1	3.8	4.2	7.6	6.8	8.6	73.4	72.6	74.2	23	Region 25	3.5	3.1	4.2	7.9	6.5	8.6	74.0	73.1	75.2		
4	Region 26	4.2	3.7	4.5	7.7	7.1	8.3	72.9	72.2	73.8	10	Region 26	3.7	3.2	4.1	8.2	7.5	8.8	73.6	73.0	74.6		
1	Region 27	3.9	-	-	8.6	-	-	73.0	-	-	15	Region 27	4.0	3.4	4.6	8.8	7.7	9.3	72.6	71.5	74.2		
4	Region 28	4.0	3.8	4.2	8.3	8.2	8.4	73.1	72.9	73.6	27	Region 28	4.1	3.4	4.6	8.8	8.0	10.3	72.6	71.5	73.6		
22	Region 29	4.2	3.9	5.0	8.6	7.8	9.9	72.6	71.4	73.4	53	Region 29	4.1	3.2	4.8	8.7	6.7	9.7	72.6	71.3	74.3		
15	Region 30	4.0	3.7	4.2	8.4	8.0	8.7	73.2	72.3	74.2	27	Region 30	3.9	3.2	4.7	8.5	7.9	9.5	72.9	70.8	74.3		
11	Region 31	4.0	3.6	4.3	8.9	7.8	9.6	73.0	71.5	74.7	22	Region 31	4.0	3.6	4.8	8.6	7.6	9.4	73.2	71.6	74.5		
5	Region 32	3.9	3.5	4.1	8.7	7.6	9.3	72.2	71.5	73.4	30	Region 32	3.9	3.4	4.3	8.8	7.9	9.6	72.6	71.4	73.6		
10	Region 33	4.1	4.0	4.4	8.3	7.6	9.1	73.2	72.5	73.7	10	Region 33	3.8	3.5	4.1	8.2	7.6	9.0	73.6	72.2	75.2		
18	Region 34	4.2	3.7	4.6	8.6	8.0	9.4	72.7	71.2	73.6	19	Region 34	3.9	3.6	4.6	8.8	8.4	9.4	72.7	71.5	73.4		
6	Region 35	4.2	3.9	4.5	8.6	7.7	9.2	72.6	71.1	73.9	6	Region 35	3.8	3.5	4.1	8.3	7.1	9.6	73.7	72.1	75.0		
17	Region 36	4.0	3.7	4.5	8.5	7.6	9.3	73.1	72.1	74.2	11	Region 36	3.9	3.7	4.3	8.3	7.3	9.0	73.5	72.4	74.1		
314	Ave. WM1	4.1	3.5	5.0	8.6	6.8	10.1	72.8	71.1	74.7	367	Ave. YM1	3.9	3.1	4.8	8.6	6.5	10.7	73.1	70.8	75.2		
	Min. WM1											Min. YM1											
	Max. WM1											Max. YM1											

TABLE 17: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2013/2014) (continue)												TABLE 17: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2013/2014) (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	-	-	-	-	-	-	-	-	-	2	Region 11	3.4	3.3	3.5	7.5	6.7	8.2	74.1	73.2	75.0		
1	Region 12	3.6	-	-	8.4	-	-	74.2	-	-	-	Region 12	-	-	-	-	-	-	-	-	-		
2	Region 13	3.9	3.9	3.9	8.4	8.3	8.5	73.7	73.3	74.0	1	Region 13	3.7	-	-	8.6	-	-	73.7	-	-		
3	Region 14	3.8	3.8	3.9	8.5	8.0	9.6	72.9	72.4	73.2	-	Region 14	-	-	-	-	-	-	-	-	-		
-	Region 15	-	-	-	-	-	-	-	-	-	1	Region 15	3.6	-	-	11.0	-	-	73.2	-	-		
2	Region 16	3.9	3.8	3.9	8.3	8.2	8.4	73.3	73.2	73.4	2	Region 16	3.8	3.8	3.8	8.3	7.4	9.1	73.7	73.1	74.2		
-	Region 17	-	-	-	-	-	-	-	-	-	1	Region 17	3.5	-	-	8.8	-	-	73.9	-	-		
1	Region 18	4.0	-	-	8.9	-	-	72.9	-	-	2	Region 18	3.9	3.9	3.9	9.2	8.9	9.5	73.5	73.3	73.7		
2	Region 19	4.0	3.6	4.4	9.5	9.4	9.5	73.0	72.0	73.9	-	Region 19	-	-	-	-	-	-	-	-	-		
3	Region 20	4.0	4.0	4.1	8.3	7.9	8.7	73.2	72.2	73.7	2	Region 20	3.5	3.3	3.6	8.1	7.9	8.3	74.1	73.9	74.2		
5	Region 21	4.0	3.9	4.2	8.5	8.2	8.9	72.6	72.2	73.0	3	Region 21	3.9	3.6	4.3	8.8	8.1	9.3	73.3	72.6	74.3		
1	Region 22	3.9	-	-	8.8	-	-	71.8	-	-	-	Region 22	-	-	-	-	-	-	-	-	-		
2	Region 23	4.1	4.0	4.2	9.5	9.1	9.9	72.2	71.9	72.4	1	Region 23	3.4	-	-	9.6	-	-	73.7	-	-		
2	Region 24	4.2	4.1	4.3	8.7	8.5	8.8	73.3	73.2	73.3	1	Region 24	4.0	-	-	9.1	-	-	73.1	-	-		
-	Region 25	-	-	-	-	-	-	-	-	-	1	Region 25	3.4	-	-	7.8	-	-	72.8	-	-		
-	Region 26	-	-	-	-	-	-	-	-	-	-	Region 26	-	-	-	-	-	-	-	-	-		
5	Region 27	4.1	3.9	4.5	8.1	7.4	8.6	72.5	71.6	73.1	7	Region 27	3.8	3.5	4.5	8.8	7.1	11.3	72.9	70.9	74.5		
8	Region 28	3.9	3.5	4.2	8.3	7.2	9.3	73.2	72.2	74.7	5	Region 28	3.7	3.3	3.9	7.9	6.0	9.5	73.6	71.9	75.4		
9	Region 29	4.1	3.8	4.4	8.5	7.8	9.5	72.7	70.9	73.7	7	Region 29	3.7	3.3	4.1	8.2	7.5	9.0	73.6	72.4	74.8		
6	Region 30	3.8	3.6	4.3	8.3	7.6	9.0	73.6	72.8	74.4	7	Region 30	3.5	3.0	4.1	8.4	7.9	9.0	73.9	73.1	74.8		
9	Region 31	3.9	3.7	4.1	9.0	8.0	9.9	73.0	72.0	74.2	14	Region 31	3.6	3.3	4.2	8.2	6.7	9.5	74.0	72.8	75.1		
18	Region 32	3.9	3.4	4.2	8.7	7.4	9.4	72.6	71.6	73.7	18	Region 32	3.8	3.3	4.2	8.8	7.2	9.8	72.8	71.5	74.7		
7	Region 33	3.9	3.7	4.2	8.1	7.6	8.7	73.4	72.5	74.3	4	Region 33	3.7	3.2	4.2	7.7	6.4	8.3	74.2	72.5	75.7		
12	Region 34	4.0	3.8	4.7	8.6	8.1	9.0	72.4	71.6	73.1	11	Region 34	3.9	3.5	4.4	8.4	7.9	8.8	73.0	71.6	75.1		
1	Region 35	4.5	-	-	8.7	-	-	71.3	-	-	2	Region 35	3.4	3.4	3.4	8.9	8.1	9.7	73.4	73.3	73.4		
3	Region 36	4.1	4.0	4.2	8.7	8.1	9.1	72.9	72.7	73.2	3	Region 36	3.8	3.7	4.0	8.0	7.9	8.2	73.8	73.6	74.1		
102	Ave. WM2	4.0			8.6			72.9			95	Ave. YM2	3.7			8.5			73.4				
	Min. WM2		3.4			7.2		70.9				Min. YM2		3.0		6.0			70.9		75.7		
	Max. WM2			4.7			9.9		74.7			Max. YM2			4.5		11.3						

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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 15	4.0	-	-	9.5	-	-	73.1	-	-	-	Region 15	-	-	-	-	-	-	-	-	-		
1	Region 18	3.4	-	-	8.4	-	-	74.5	-	-	-	Region 18	-	-	-	-	-	-	-	-	-		
1	Region 23	4.1	-	-	9.8	-	-	72.1	-	-	-	Region 23	-	-	-	-	-	-	-	-	-		
1	Region 25	4.4	-	-	7.4	-	-	71.7	-	-	-	Region 25	-	-	-	-	-	-	-	-	-		
4	Region 27	3.9	3.5	4.3	7.4	7.3	7.8	73.8	73.1	74.9	2	Region 27	3.7	3.5	3.8	8.4	8.3	8.4	73.6	73.1	74.1		
1	Region 28	4.1	-	-	7.9	-	-	73.1	-	-	-	Region 28	-	-	-	-	-	-	-	-	-		
4	Region 29	4.1	3.6	4.6	8.5	7.9	9.2	72.7	71.8	74.0	3	Region 29	4.3	4.2	4.5	8.1	7.7	8.7	71.9	71.4	72.3		
1	Region 30	3.9	-	-	7.4	-	-	73.5	-	-	-	Region 30	-	-	-	-	-	-	-	-	-		
5	Region 32	4.0	3.8	4.2	8.4	8.0	8.7	72.5	71.9	73.0	2	Region 32	4.1	4.0	4.2	9.1	8.8	9.3	72.1	71.9	72.2		
5	Region 33	3.7	3.4	3.9	7.8	6.7	8.2	74.3	74.1	75.1	1	Region 33	3.5	-	-	9.2	-	-	74.1	-	-		
8	Region 34	3.9	3.7	4.3	8.6	8.2	9.2	72.4	71.4	73.3	-	Region 34	-	-	-	-	-	-	-	-	-		
32	Ave. WM3	3.9	3.4	4.6	8.3	6.7	9.8	73.0	71.4	75.1	8	Ave. YM3	4.0	3.5	4.5	8.6	7.7	9.3	72.6	71.4	74.1		
	Min. WM3											Min. YM3											
	Max. WM3											Max. YM3											
CLASS: COM												CLASS: COM											
-	Region 25	-	-	-	-	-	-	-	-	-	3	Region 25	3.7	3.5	3.9	8.1	7.8	8.6	73.1	72.6	73.5		
1	Region 28	4.0	-	-	8.8	-	-	73.2	-	-	1	Region 28	4.0	-	-	8.8	-	-	72.8	-	-		
-	Region 29	-	-	-	-	-	-	-	-	-	2	Region 29	3.7	3.3	4.1	8.4	8.4	8.4	73.3	72.3	74.2		
1	Region 31	5.0	-	-	9.8	-	-	71.4	-	-	1	Region 31	3.7	-	-	8.2	-	-	74.0	-	-		
-	Region 32	-	-	-	-	-	-	-	-	-	2	Region 32	3.3	3.1	3.5	8.5	8.4	8.6	73.4	73.2	73.6		
1	Region 34	4.3	-	-	8.9	-	-	71.1	-	-	-	Region 34	-	-	-	-	-	-	-	-	-		
3	Ave. COM	4.4	4.0	5.0	9.2	8.8	9.8	71.9	71.1	73.2	9	Ave. COM	3.6	3.1	4.1	8.4	7.8	8.8	73.3	72.3	74.2		
	Min. COM											Min. COM											
	Max. COM											Max. COM											
451	Ave. White	4.0	3.4	5.0	8.6	6.7	10.1	72.9	70.9	75.1	479	Ave. Yellow	3.8	3.0	4.8	8.6	6.0	11.3	73.1	70.8	75.7		
	Min. White											Min. Yellow											
	Max. White											Max. Yellow											
930	Ave. Maize	3.9	3.0	5.0	8.6	6.0	11.3	73.0	70.8	75.7	930	Ave. Maize	3.9	3.0	5.0	8.6	6.0	11.3	73.0	70.8	75.7		
	Min. Maize											Min. Maize											
	Max. Maize											Max. Maize											