

TABLE 12: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE 2003/04										TABLE 13: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE 2003/04												
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.	
<b>GRADE: WM 1</b>										<b>GRADE: YM 1</b>												
3	Region 8	3.9	3.7	4.1	8.9	8.6	9.5	75.1	74.7	75.4	8	Region 10	3.8	3.5	3.9	8.8	8.6	8.9	75.2	74.8	75.8	
3	Region 10	3.8	3.7	3.8	9.0	8.8	9.3	75.8	75.5	75.9	25	Region 11	3.7	3.6	3.9	8.9	8.6	9.2	75.4	74.6	76.3	
8	Region 11	4.0	3.9	4.1	9.2	9.0	9.4	75.1	74.8	75.4	8	Region 12	4.1	3.9	4.3	9.4	9.1	9.9	75.0	74.7	75.4	
6	Region 12	3.9	3.8	4.0	9.2	8.8	9.7	75.2	74.9	75.5	5	Region 13	4.0	4.0	4.1	9.1	8.9	9.3	74.9	74.7	75.3	
4	Region 13	4.0	3.9	4.1	9.0	8.8	9.1	75.2	74.9	75.5	7	Region 14	4.0	3.8	4.1	9.2	8.7	9.7	75.1	74.9	75.4	
12	Region 14	3.9	3.7	4.0	9.1	8.8	9.5	75.2	74.8	75.7	3	Region 15	3.9	3.6	4.1	9.1	8.7	9.4	75.5	74.8	76.3	
6	Region 15	3.9	3.8	4.0	9.3	9.1	9.5	75.4	74.9	75.8	1	Region 16	4.1	4.1	4.1	9.1	9.1	9.1	74.8	74.8	74.8	
11	Region 16	4.0	3.8	4.2	9.2	8.9	9.6	75.2	74.8	75.7	4	Region 17	3.9	3.6	4.3	9.1	8.9	9.7	75.1	74.5	75.7	
13	Region 17	3.9	3.8	4.1	9.0	8.5	9.6	75.3	75.1	75.8	8	Region 18	3.9	3.7	4.1	9.0	8.8	9.1	74.9	74.6	75.6	
14	Region 18	3.9	3.9	4.1	9.0	8.8	9.3	75.1	74.8	75.3	5	Region 19	4.0	3.8	4.2	9.0	8.8	9.2	74.8	74.2	75.2	
8	Region 19	3.9	3.8	4.0	9.0	8.8	9.2	75.2	74.8	75.7	3	Region 20	4.0	4.0	4.1	9.0	8.9	9.2	75.1	75.0	75.1	
7	Region 20	4.0	3.9	4.1	8.9	8.8	9.0	75.2	74.7	75.6	1	Region 21	3.7	3.7	3.7	9.0	9.0	9.0	75.3	75.3	75.3	
21	Region 21	4.0	3.8	4.2	9.1	8.7	9.5	75.2	74.8	75.9	6	Region 22	4.0	3.6	4.2	9.5	9.1	9.8	75.0	74.6	75.7	
33	Region 22	4.0	3.7	4.1	9.2	8.9	9.8	75.1	74.6	75.8	18	Region 23	4.0	3.8	4.2	9.1	8.9	9.4	75.1	74.7	75.8	
97	Region 23	3.9	3.7	4.2	9.3	8.6	10.0	75.2	74.6	76.1	13	Region 24	3.9	3.5	4.2	9.0	8.4	9.4	75.2	74.6	76.1	
57	Region 24	4.0	3.7	4.3	9.2	8.7	9.7	75.3	74.8	76.3	15	Region 25	3.9	3.6	4.0	8.9	8.5	9.3	75.0	74.3	75.2	
10	Region 25	4.0	3.8	4.2	8.8	7.9	9.2	75.1	74.6	75.6	18	Region 26	4.1	3.8	4.3	9.1	8.4	9.6	75.0	74.5	75.4	
15	Region 26	4.0	3.9	4.3	9.0	8.6	9.5	75.3	74.8	75.7	10	Region 27	4.0	3.7	4.2	9.0	8.8	9.3	75.0	74.7	75.5	
10	Region 27	4.0	3.8	4.2	9.2	8.9	9.7	75.3	74.9	75.6	19	Region 28	3.9	3.7	4.1	9.1	8.7	9.7	75.1	74.5	75.7	
16	Region 28	3.9	3.8	4.1	9.0	8.8	9.2	75.2	74.6	75.7	12	Region 29	4.0	3.7	4.2	9.0	8.6	9.4	75.0	74.7	75.6	
7	Region 29	4.0	3.9	4.1	9.1	8.8	9.4	75.2	74.7	75.7	3	Region 30	3.9	3.8	4.1	9.2	9.1	9.5	74.8	74.8	74.9	
1	Region 30	3.9	3.9	3.9	9.0	9.0	9.0	74.9	74.9	74.9	7	Region 32	4.0	3.9	4.1	9.1	8.9	9.6	74.9	74.7	75.3	
4	Region 32	3.9	3.7	4.0	8.9	8.6	9.4	75.1	74.7	75.2	18	Region 34	4.0	3.8	4.2	9.1	8.7	9.4	74.9	74.5	75.6	
40	Region 34	4.0	3.7	4.1	9.0	8.7	9.7	75.1	74.3	75.7	7	Region 35	3.8	3.6	4.1	8.8	8.3	9.1	75.3	74.4	76.6	
7	Region 35	3.9	3.7	4.1	8.9	8.6	9.3	75.3	74.7	76.1	1	Region 36	3.6	3.6	3.6	8.8	8.8	8.8	75.3	75.3	75.3	
6	Region 36	4.0	3.8	4.1	9.0	8.7	9.3	75.1	74.2	75.5												
<b>419</b>	<b>Ave WM 1</b>	<b>4.0</b>			<b>9.1</b>			<b>75.2</b>			<b>225</b>	<b>Ave YM 1</b>	<b>3.9</b>			<b>9.0</b>			<b>75.1</b>			
	<b>Min WM 1</b>		<b>3.7</b>			<b>7.9</b>			<b>74.2</b>			<b>Min YM 1</b>		<b>3.5</b>			<b>8.3</b>			<b>74.2</b>		
	<b>Max WM 1</b>			<b>4.3</b>			<b>10.0</b>			<b>76.3</b>			<b>Max YM 1</b>			<b>4.3</b>					<b>76.6</b>	

TABLE 12: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE 2003/04 (continue)										TABLE 13: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE 2003/04 (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.
<b>GRADE: WM 2</b>										<b>GRADE: YM 2</b>											
1	Region 11	4.1	4.1	4.1	9.4	9.4	9.4	74.9	74.9	74.9	1	Region 11	3.7	3.7	3.7	8.8	8.8	8.8	75.4	75.4	75.4
7	Region 12	4.0	3.8	4.2	9.4	9.0	10.2	75.1	74.5	75.7	3	Region 12	4.0	3.9	4.2	9.0	8.8	9.2	74.9	74.7	75.1
3	Region 13	3.9	3.9	4.0	9.0	8.9	9.1	75.3	75.1	75.5	3	Region 14	4.0	3.9	4.1	8.8	8.7	8.9	75.0	74.7	75.2
7	Region 14	3.9	3.8	4.1	9.1	8.8	9.6	75.1	74.4	75.5	3	Region 15	3.9	3.8	4.1	9.1	8.8	9.4	75.1	74.7	75.4
2	Region 15	3.9	3.9	4.0	9.3	9.2	9.3	75.3	75.1	75.4	2	Region 16	4.0	4.0	4.1	8.9	8.8	9.0	75.0	74.8	75.1
1	Region 16	4.0	4.0	4.0	9.3	9.3	9.3	75.7	75.7	75.7	9	Region 17	4.0	3.9	4.2	9.2	8.8	9.5	74.9	74.6	75.3
7	Region 17	3.9	3.8	4.1	9.0	8.7	9.2	75.2	75.1	75.6	6	Region 18	4.0	3.8	4.2	9.0	8.9	9.2	74.7	74.3	75.0
11	Region 18	3.9	3.7	4.0	9.0	8.6	10.1	75.1	74.8	75.6	4	Region 19	4.0	3.7	4.3	9.1	8.9	9.4	74.9	74.8	75.0
5	Region 19	3.8	3.7	3.9	9.1	8.9	9.2	75.1	74.9	75.4	4	Region 20	4.0	3.9	4.0	9.0	8.8	9.2	74.9	74.6	75.0
5	Region 20	3.9	3.9	4.0	8.8	8.7	8.9	75.1	74.7	75.5	2	Region 22	4.0	4.0	4.1	9.1	9.0	9.2	74.6	74.5	74.6
7	Region 21	3.9	3.8	4.1	9.2	8.8	9.5	75.2	74.9	75.6	4	Region 23	4.1	3.8	4.4	9.0	8.2	9.4	75.0	74.4	75.3
10	Region 22	3.9	3.8	4.1	9.2	8.8	9.7	75.2	74.8	75.7	4	Region 24	4.0	3.7	4.2	8.7	8.4	8.9	74.9	74.5	75.3
40	Region 23	3.9	3.8	4.2	9.3	8.9	9.9	75.2	74.5	76.2	6	Region 26	3.9	3.6	4.1	9.1	8.8	9.5	74.9	74.3	75.5
12	Region 24	4.0	3.7	4.6	9.0	8.5	9.4	75.1	74.7	75.7	3	Region 27	4.1	3.9	4.3	9.3	9.0	9.5	75.0	74.8	75.1
4	Region 25	3.9	3.7	4.2	8.8	8.5	9.0	75.2	74.9	75.5	8	Region 28	4.0	3.9	4.2	9.0	8.8	9.2	74.9	74.5	75.2
4	Region 26	4.0	4.0	4.1	9.3	8.8	9.6	75.2	74.9	75.5	1	Region 29	4.1	4.1	4.1	8.7	8.7	8.7	74.3	74.3	74.3
1	Region 27	3.9	3.9	3.9	8.8	8.8	8.8	75.3	75.3	75.3	4	Region 34	3.9	3.8	4.1	9.0	8.9	9.2	74.9	74.8	75.0
4	Region 28	4.0	3.9	4.0	9.2	8.9	9.4	75.2	74.9	75.4	1	Region 36	3.7	3.7	3.7	8.4	8.4	8.4	75.2	75.2	75.2
2	Region 29	3.9	3.8	4.0	8.8	8.7	8.9	75.1	74.8	75.3											
1	Region 30	4.0	4.0	4.0	9.1	9.1	9.1	75.1	75.1	75.1											
1	Region 31	4.1	4.1	4.1	9.4	9.4	9.4	75.1	75.1	75.1											
1	Region 32	3.8	3.8	3.8	9.0	9.0	9.0	75.3	75.3	75.3											
10	Region 34	4.0	3.9	4.2	9.1	8.6	9.3	75.1	74.5	76.1											
2	Region 36	3.9	3.9	3.9	8.7	8.6	8.8	75.0	74.9	75.0											
<b>148</b>	<b>Ave WM 2</b>	<b>3.9</b>			<b>9.2</b>			<b>75.2</b>			<b>68</b>	<b>Ave YM 2</b>	<b>4.0</b>			<b>9.0</b>			<b>74.9</b>		
	<b>Min WM 2</b>		<b>3.7</b>			<b>8.5</b>			<b>74.4</b>			<b>Min YM 2</b>		<b>3.6</b>		<b>8.2</b>				<b>74.3</b>	
	<b>Max WM 2</b>			<b>4.6</b>			<b>10.2</b>			<b>76.2</b>		<b>Max YM 2</b>			<b>4.4</b>			<b>9.5</b>			<b>75.5</b>

TABLE 12: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE 2003/04 (continue)										TABLE 13: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE 2003/04 (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.
<b>GRADE: WM 3</b>										<b>GRADE: YM 3</b>											
1	Region 13	3.9	3.9	3.9	8.8	8.8	8.8	75.4	75.4	75.4	1	Region 12	3.9	3.9	3.9	9.1	9.1	9.1	74.5	74.5	74.5
2	Region 14	3.9	3.9	3.9	9.0	9.0	9.0	75.3	75.1	75.4	1	Region 14	4.1	4.1	4.1	9.2	9.2	9.2	75.0	75.0	75.0
1	Region 15	3.7	3.7	3.7	9.2	9.2	9.2	75.4	75.4	75.4	1	Region 18	4.0	4.0	4.0	8.9	8.9	8.9	74.6	74.6	74.6
1	Region 16	3.8	3.8	3.8	9.0	9.0	9.0	75.1	75.1	75.1	2	Region 20	4.0	4.0	4.1	9.2	9.1	9.2	75.0	74.8	75.1
3	Region 17	3.9	3.8	4.0	9.0	8.9	9.2	75.3	75.0	75.5	1	Region 28	3.9	3.9	3.9	8.9	8.9	8.9	74.9	74.9	74.9
1	Region 18	3.9	3.9	3.9	9.1	9.1	9.1	75.1	75.1	75.1											
2	Region 19	4.0	3.9	4.2	8.9	8.8	9.0	74.9	74.8	75.0											
3	Region 20	3.9	3.8	4.1	9.1	8.9	9.4	75.0	74.7	75.2											
1	Region 21	4.1	4.1	4.1	9.5	9.5	9.5	75.0	75.0	75.0											
4	Region 22	3.9	3.8	4.0	9.2	8.9	9.4	75.3	75.0	75.5											
2	Region 23	3.9	3.8	4.0	9.2	9.1	9.2	75.1	75.0	75.2											
1	Region 24	4.0	4.0	4.0	9.6	9.6	9.6	75.4	75.4	75.4											
1	Region 27	3.8	3.8	3.8	8.8	8.8	8.8	75.1	75.1	75.1											
3	Region 29	4.0	3.9	4.1	8.9	8.7	9.3	74.9	74.6	75.2											
1	Region 30	4.1	4.1	4.1	9.1	9.1	9.1	74.8	74.8	74.8											
1	Region 34	3.8	3.8	3.8	9.1	9.1	9.1	74.9	74.9	74.9											
<b>28</b>	<b>Ave WM 3</b>	<b>3.9</b>			<b>9.1</b>			<b>75.1</b>			<b>6</b>	<b>Ave WM 3</b>	<b>4.0</b>			<b>9.1</b>			<b>74.8</b>		
	<b>Min WM 3</b>		<b>3.7</b>			<b>8.7</b>		<b>74.6</b>				<b>Min WM 3</b>		<b>3.9</b>		<b>8.9</b>			<b>74.5</b>		
	<b>Max WM 3</b>			<b>4.2</b>			<b>9.6</b>		<b>75.5</b>			<b>Max WM 3</b>			<b>4.1</b>		<b>9.2</b>			<b>75.1</b>	
<b>GRADE: COM</b>										<b>GRADE: COM</b>											
1	Region 12	3.7	3.7	3.7	8.8	8.8	8.8	74.8	74.8	74.8	1	Region 19	4.0	4.0	4.0	9.0	9.0	9.0	75.1	75.1	75.1
1	Region 17	3.9	3.9	3.9	9.1	9.1	9.1	74.9	74.9	74.9	1	Region 20	3.9	3.9	3.9	8.8	8.8	8.8	75.0	75.0	75.0
1	Region 20	3.8	3.8	3.8	8.6	8.6	8.6	75.4	75.4	75.4											
1	Region 23	3.8	3.8	3.8	9.1	9.1	9.1	74.6	74.6	74.6											
<b>4</b>	<b>Ave COM</b>	<b>3.8</b>			<b>8.9</b>			<b>74.9</b>			<b>2</b>	<b>Ave COM</b>	<b>4.0</b>			<b>8.9</b>			<b>75.1</b>		
	<b>Min COM</b>		<b>3.7</b>			<b>8.6</b>		<b>74.6</b>				<b>Min COM</b>		<b>3.9</b>		<b>8.8</b>			<b>75.0</b>		
	<b>Max COM</b>			<b>3.9</b>			<b>9.1</b>		<b>75.4</b>			<b>Max COM</b>			<b>4.0</b>		<b>9.0</b>			<b>75.1</b>	
<b>599</b>	<b>Ave White</b>	<b>4.0</b>			<b>9.1</b>			<b>75.2</b>			<b>301</b>	<b>Ave Yellow</b>	<b>4.0</b>			<b>9.0</b>			<b>75.0</b>		
	<b>Min White</b>		<b>3.7</b>			<b>7.9</b>		<b>74.2</b>				<b>Min Yellow</b>		<b>3.5</b>		<b>8.2</b>			<b>74.2</b>		
	<b>Max White</b>			<b>4.6</b>			<b>10.2</b>		<b>76.3</b>			<b>Max Yellow</b>			<b>4.4</b>		<b>9.9</b>			<b>76.6</b>	
<b>900</b>	<b>Ave Maize</b>	<b>4.0</b>			<b>9.1</b>			<b>75.1</b>			<b>900</b>	<b>Ave Maize</b>	<b>4.0</b>			<b>9.1</b>			<b>75.1</b>		
	<b>Min Maize</b>		<b>3.5</b>			<b>7.9</b>		<b>74.2</b>				<b>Min Maize</b>		<b>3.5</b>		<b>7.9</b>			<b>74.2</b>		
	<b>Max Maize</b>			<b>4.6</b>			<b>10.2</b>		<b>76.6</b>			<b>Max Maize</b>			<b>4.6</b>		<b>10.2</b>			<b>76.6</b>	