

| TABLE 18: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2011/2012) | | | | | | | | | | | | TABLE 18: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2011/2012) | | | | | | | | | | | |
|--|-----------------|------------|------------|------------|----------------|------------|-------------|---------------|-------------|------|-------------------|---|------------|------------|------------|----------------|------------|-------------|---------------|-------------|-------------|--|--|
| 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 | - | - | - | - | - | - | - | - | - | 4 | Region 10 | 3.3 | 3.0 | 3.5 | 7.5 | 7.2 | 8.1 | 73.8 | 72.9 | 74.2 | | |
| 1 | Region 11 | 4.3 | - | - | 8.6 | - | - | 72.4 | - | - | 19 | Region 11 | 3.4 | 3.2 | 3.6 | 7.8 | 7.5 | 8.2 | 73.8 | 73.0 | 74.7 | | |
| 11 | Region 12 | 4.3 | 4.1 | 4.7 | 8.9 | 8.5 | 9.6 | 72.2 | 71.4 | 73.0 | 5 | Region 12 | 3.8 | 3.5 | 4.2 | 9.3 | 8.1 | 10.2 | 72.1 | 71.2 | 72.9 | | |
| 36 | Region 13 | 4.2 | 3.9 | 4.4 | 9.1 | 8.4 | 10.2 | 72.4 | 71.3 | 73.3 | 11 | Region 13 | 3.9 | 3.6 | 4.1 | 9.8 | 9.3 | 10.2 | 72.4 | 71.5 | 73.5 | | |
| 44 | Region 14 | 4.2 | 3.8 | 4.7 | 8.9 | 8.2 | 10.9 | 72.2 | 71.2 | 73.1 | 12 | Region 14 | 3.8 | 3.5 | 4.0 | 9.2 | 8.5 | 9.6 | 72.7 | 72.0 | 73.3 | | |
| 11 | Region 15 | 4.1 | 3.8 | 4.4 | 8.2 | 6.7 | 8.9 | 72.9 | 72.2 | 73.6 | 3 | Region 15 | 3.6 | 3.6 | 3.7 | 8.6 | 8.2 | 8.8 | 73.7 | 73.4 | 74.0 | | |
| 30 | Region 16 | 4.2 | 4.0 | 4.4 | 8.6 | 8.0 | 9.2 | 72.5 | 71.6 | 73.2 | 5 | Region 16 | 3.7 | 3.5 | 4.0 | 8.7 | 7.4 | 9.2 | 73.2 | 72.2 | 74.0 | | |
| 26 | Region 17 | 4.2 | 3.9 | 4.5 | 9.0 | 8.1 | 9.7 | 72.5 | 71.7 | 73.1 | 10 | Region 17 | 3.8 | 3.4 | 4.5 | 9.3 | 8.3 | 10.2 | 72.6 | 71.8 | 73.1 | | |
| 29 | Region 18 | 4.2 | 3.8 | 4.5 | 8.7 | 8.0 | 9.8 | 72.6 | 71.4 | 73.6 | 12 | Region 18 | 3.9 | 3.6 | 4.1 | 8.9 | 8.3 | 9.5 | 73.0 | 72.4 | 74.0 | | |
| 20 | Region 19 | 4.3 | 4.0 | 4.6 | 8.9 | 8.2 | 9.7 | 72.1 | 71.3 | 72.9 | 10 | Region 19 | 3.8 | 3.5 | 4.0 | 9.1 | 8.3 | 10.1 | 72.9 | 72.1 | 73.7 | | |
| 9 | Region 20 | 4.2 | 3.9 | 4.4 | 8.4 | 8.0 | 8.9 | 72.6 | 71.5 | 73.4 | 5 | Region 20 | 4.1 | 3.8 | 4.6 | 8.7 | 8.1 | 9.3 | 72.4 | 71.5 | 73.2 | | |
| 29 | Region 21 | 4.1 | 4.0 | 4.3 | 8.7 | 7.9 | 9.3 | 72.6 | 72.1 | 73.3 | 8 | Region 21 | 3.8 | 3.6 | 4.0 | 9.3 | 8.2 | 10.7 | 73.1 | 72.1 | 74.3 | | |
| 37 | Region 22 | 4.1 | 3.8 | 4.4 | 8.4 | 7.7 | 9.2 | 72.7 | 71.6 | 73.9 | 4 | Region 22 | 3.7 | 3.5 | 3.9 | 8.6 | 8.1 | 8.9 | 73.0 | 72.5 | 73.4 | | |
| 45 | Region 23 | 4.1 | 3.9 | 4.4 | 8.5 | 7.7 | 9.7 | 72.7 | 71.6 | 73.6 | 9 | Region 23 | 3.8 | 3.6 | 4.0 | 8.8 | 7.6 | 9.6 | 73.1 | 72.9 | 73.6 | | |
| 22 | Region 24 | 4.2 | 3.9 | 4.5 | 8.5 | 6.3 | 9.0 | 72.6 | 71.9 | 73.3 | 8 | Region 24 | 4.0 | 3.5 | 4.6 | 8.6 | 7.7 | 9.4 | 72.7 | 72.0 | 73.0 | | |
| 6 | Region 25 | 4.0 | 3.4 | 4.2 | 8.2 | 7.3 | 9.3 | 73.0 | 72.1 | 73.8 | 13 | Region 25 | 3.7 | 3.2 | 4.5 | 8.8 | 7.7 | 10.1 | 73.1 | 71.1 | 74.9 | | |
| 4 | Region 26 | 4.3 | 4.1 | 4.4 | 9.0 | 8.4 | 9.3 | 72.4 | 71.6 | 73.0 | 9 | Region 26 | 3.8 | 3.5 | 4.2 | 9.6 | 9.1 | 10.0 | 73.1 | 72.4 | 74.1 | | |
| 2 | Region 27 | 4.1 | 3.9 | 4.2 | 8.3 | 8.0 | 8.5 | 73.3 | 73.0 | 73.6 | 3 | Region 27 | 3.4 | 3.2 | 3.7 | 9.5 | 9.2 | 9.6 | 73.3 | 73.0 | 73.6 | | |
| 15 | Region 28 | 4.1 | 3.9 | 4.4 | 8.5 | 6.6 | 10.0 | 72.7 | 71.4 | 73.7 | 23 | Region 28 | 4.0 | 3.2 | 4.6 | 9.0 | 7.8 | 10.6 | 72.7 | 71.0 | 74.5 | | |
| 16 | Region 29 | 3.9 | 3.6 | 4.1 | 8.7 | 8.0 | 10.2 | 72.9 | 71.9 | 73.5 | 41 | Region 29 | 3.8 | 3.2 | 4.2 | 9.1 | 7.0 | 10.8 | 72.9 | 71.5 | 74.5 | | |
| 28 | Region 30 | 3.9 | 3.5 | 4.4 | 8.7 | 7.5 | 10.1 | 72.9 | 71.7 | 73.6 | 56 | Region 30 | 3.7 | 3.1 | 4.4 | 9.0 | 7.6 | 10.5 | 73.0 | 71.7 | 74.4 | | |
| 8 | Region 31 | 3.9 | 3.5 | 4.2 | 8.7 | 8.0 | 9.5 | 72.8 | 72.3 | 73.3 | 23 | Region 31 | 3.8 | 3.5 | 4.1 | 8.9 | 7.7 | 9.8 | 73.1 | 72.2 | 73.8 | | |
| 27 | Region 32 | 3.9 | 3.5 | 4.3 | 8.2 | 7.4 | 9.5 | 73.2 | 72.4 | 73.9 | 33 | Region 32 | 3.9 | 3.3 | 4.4 | 8.5 | 7.9 | 9.3 | 73.1 | 71.9 | 74.2 | | |
| 23 | Region 33 | 3.8 | 3.7 | 4.2 | 8.3 | 7.5 | 8.8 | 73.3 | 71.8 | 74.1 | 19 | Region 33 | 3.8 | 3.3 | 4.2 | 8.9 | 7.5 | 10.2 | 72.9 | 71.9 | 74.2 | | |
| 32 | Region 34 | 4.0 | 3.4 | 4.4 | 8.1 | 7.1 | 9.2 | 72.9 | 71.7 | 74.3 | 16 | Region 34 | 3.9 | 3.7 | 4.1 | 8.3 | 7.3 | 9.2 | 73.2 | 72.4 | 74.3 | | |
| 4 | Region 35 | 4.2 | 4.0 | 4.6 | 9.0 | 7.9 | 11.2 | 71.8 | 70.6 | 73.0 | 9 | Region 35 | 3.5 | 3.3 | 3.8 | 8.0 | 7.3 | 8.6 | 73.1 | 72.0 | 73.9 | | |
| 11 | Region 36 | 4.1 | 3.8 | 4.5 | 8.7 | 7.7 | 9.6 | 72.3 | 71.6 | 72.9 | 13 | Region 36 | 3.9 | 3.3 | 4.5 | 8.5 | 7.0 | 10.2 | 72.7 | 71.7 | 73.6 | | |
| 526 | Ave. WM1 | 4.1 | | | 8.6 | | | 72.6 | | | 383 | Ave. YM1 | 3.8 | | | 8.8 | | | 73.0 | | | | |
| | Min. WM1 | | 3.4 | | | 6.3 | | 70.6 | | | | Min. YM1 | | 3.0 | | | 7.0 | | | 71.0 | | | |
| | Max. WM1 | | | 4.7 | | | 11.2 | | 74.3 | | | Max. YM1 | | | 4.6 | | | 10.8 | | | 74.9 | | |

| TABLE 18: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2011/2012) (continue) | | | | | | | | | | | | TABLE 18: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2011/2012) (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 | | | | | | | | | | | |
| 2 | Region 12 | 3.8 | 3.6 | 4.0 | 8.9 | 8.8 | 8.9 | 72.9 | 72.0 | 73.7 | 2 | Region 12 | 3.5 | 3.4 | 3.6 | 9.6 | 9.2 | 9.9 | 72.8 | 72.5 | 73.0 | | |
| 5 | Region 13 | 4.3 | 4.2 | 4.5 | 9.4 | 9.1 | 9.8 | 71.6 | 71.1 | 72.2 | 1 | Region 13 | 3.8 | - | - | 9.2 | - | - | 73.2 | - | - | | |
| 3 | Region 14 | 4.1 | 3.7 | 4.4 | 8.8 | 8.4 | 9.2 | 72.1 | 71.6 | 72.5 | 1 | Region 14 | 3.6 | - | - | 9.9 | - | - | 72.7 | - | - | | |
| 2 | Region 15 | 4.1 | 3.9 | 4.2 | 8.2 | 7.9 | 8.4 | 72.8 | 72.5 | 73.1 | - | Region 15 | - | - | - | - | - | - | - | - | - | | |
| - | Region 16 | - | - | - | - | - | - | - | - | - | - | Region 16 | - | - | - | - | - | - | - | - | - | | |
| 1 | Region 17 | 4.4 | - | - | 10.2 | - | - | 71.1 | - | - | - | Region 17 | - | - | - | - | - | - | - | - | - | | |
| 4 | Region 18 | 4.3 | 4.0 | 4.6 | 8.1 | 7.5 | 9.4 | 72.4 | 71.6 | 73.2 | - | Region 18 | - | - | - | - | - | - | - | - | - | | |
| 4 | Region 19 | 4.1 | 4.0 | 4.2 | 8.5 | 7.3 | 10.0 | 72.7 | 71.9 | 73.4 | - | Region 19 | - | - | - | - | - | - | - | - | - | | |
| 1 | Region 20 | 3.8 | - | - | 9.1 | - | - | 72.5 | - | - | - | Region 20 | - | - | - | - | - | - | - | - | - | | |
| 2 | Region 21 | 4.2 | 4.1 | 4.3 | 10.1 | 9.9 | 10.2 | 72.2 | 71.7 | 72.6 | 3 | Region 21 | 3.8 | 3.7 | 3.9 | 9.1 | 8.3 | 10.6 | 73.0 | 72.7 | 73.4 | | |
| 3 | Region 22 | 4.1 | 3.9 | 4.2 | 8.8 | 8.4 | 9.4 | 72.5 | 72.1 | 73.1 | 2 | Region 22 | 3.8 | 3.7 | 3.9 | 8.5 | 8.2 | 8.7 | 73.4 | 73.2 | 73.5 | | |
| 4 | Region 23 | 4.2 | 4.0 | 4.3 | 8.7 | 8.4 | 8.8 | 72.2 | 71.9 | 72.5 | 1 | Region 23 | 3.4 | - | - | 7.8 | - | - | 75.0 | - | - | | |
| - | Region 24 | - | - | - | - | - | - | - | - | - | 1 | Region 24 | 3.9 | - | - | 8.3 | - | - | 72.9 | - | - | | |
| - | Region 25 | - | - | - | - | - | - | - | - | - | 2 | Region 25 | 3.6 | 3.5 | 3.6 | 8.9 | 8.3 | 9.5 | 73.5 | 72.9 | 74.0 | | |
| 3 | Region 26 | 4.1 | 3.6 | 4.4 | 8.8 | 8.7 | 8.9 | 72.9 | 72.0 | 74.0 | 5 | Region 26 | 3.8 | 3.6 | 4.1 | 9.8 | 8.7 | 11.1 | 73.0 | 71.6 | 74.4 | | |
| - | Region 27 | - | - | - | - | - | - | - | - | - | - | Region 27 | - | - | - | - | - | - | - | - | - | | |
| 2 | Region 28 | 4.0 | 3.9 | 4.0 | 8.5 | 8.4 | 8.5 | 72.8 | 72.0 | 73.5 | 4 | Region 28 | 3.7 | 3.5 | 3.8 | 9.1 | 8.6 | 9.5 | 73.0 | 72.2 | 73.6 | | |
| 3 | Region 29 | 3.8 | 3.6 | 3.9 | 9.4 | 8.0 | 10.7 | 73.0 | 72.8 | 73.2 | 6 | Region 29 | 3.6 | 3.4 | 4.0 | 10.1 | 9.4 | 11.2 | 72.9 | 71.8 | 73.7 | | |
| 4 | Region 30 | 3.8 | 3.3 | 4.6 | 9.1 | 8.7 | 9.4 | 72.3 | 71.3 | 73.2 | 3 | Region 30 | 3.5 | 3.4 | 3.6 | 9.2 | 7.9 | 10.9 | 73.7 | 72.7 | 75.0 | | |
| - | Region 31 | - | - | - | - | - | - | - | - | - | - | Region 31 | - | - | - | - | - | - | - | - | - | | |
| - | Region 32 | - | - | - | - | - | - | - | - | - | 2 | Region 32 | 3.9 | 3.3 | 4.5 | 8.8 | 8.2 | 9.4 | 73.2 | 72.5 | 73.9 | | |
| 1 | Region 33 | 4.1 | - | - | 8.3 | - | - | 72.6 | - | - | 1 | Region 33 | 3.5 | - | - | 7.6 | - | - | 74.2 | - | - | | |
| - | Region 34 | - | - | - | - | - | - | - | - | - | 1 | Region 34 | 3.7 | - | - | 7.0 | - | - | 74.4 | - | - | | |
| - | Region 35 | - | - | - | - | - | - | - | - | - | - | Region 35 | - | - | - | - | - | - | - | - | - | | |
| 2 | Region 36 | 4.1 | 3.9 | 4.2 | 8.7 | 7.9 | 9.5 | 72.6 | 71.9 | 73.3 | - | Region 36 | - | - | - | - | - | - | - | - | - | | |
| 46 | Ave. WM2 | 4.1 | | | 8.9 | | | 72.4 | | | 35 | Ave. YM2 | 3.7 | | | 9.2 | | | 73.2 | | | | |
| | Min. WM2 | | 3.3 | | | 7.3 | | 71.1 | | 74.0 | | Min. YM2 | | 3.3 | | 7.0 | | | 71.6 | | 75.0 | | |
| | Max. WM2 | | | 4.6 | | 10.7 | | | | | | Max. YM2 | | 4.5 | | 11.2 | | | | | | | |

| TABLE 18: NUTRITIONAL VALUES OF WHITE MAIZE ACCORDING TO GRADE (2011/2012) (continue) | | | | | | | | | | TABLE 18: NUTRITIONAL VALUES OF YELLOW MAIZE ACCORDING TO GRADE (2011/2012) (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: WM3 | | | | | | | | | | GRADE: YM3 | | | | | | | | | | | |
| 1 | Region 19 | 4.1 | - | - | 9.8 | - | - | 72.0 | - | - | 1 | Region 19 | 3.6 | - | - | 7.5 | - | - | 72.7 | - | - |
| 1 | Region 20 | 4.3 | - | - | 8.3 | - | - | 72.9 | - | - | - | Region 20 | - | - | - | - | - | - | - | - | - |
| 2 | Region 23 | 4.3 | 4.3 | 4.3 | 8.9 | 8.6 | 9.1 | 71.4 | 71.3 | 71.5 | 2 | Region 23 | 3.6 | 3.6 | 3.6 | 9.8 | 9.7 | 9.9 | 73.3 | 72.6 | 73.9 |
| - | Region 31 | - | - | - | - | - | - | - | - | - | 1 | Region 31 | 3.8 | - | - | 10.0 | - | - | 72.7 | - | - |
| 4 | Ave. WM3 | 4.2 | - | - | 9.0 | - | - | 71.9 | - | - | 4 | Ave. YM3 | 3.7 | - | - | 9.3 | - | - | 73.0 | - | - |
| | Min. WM3 | 4.1 | - | - | 8.3 | - | - | 71.3 | - | - | | Min. YM3 | 3.6 | - | - | 7.5 | - | - | 72.6 | - | - |
| | Max. WM3 | 4.3 | - | - | 9.8 | - | - | 72.9 | - | - | | Max. YM3 | 3.8 | - | - | 10.0 | - | - | 73.9 | - | - |
| CLASS: COM | | | | | | | | | | CLASS: COM | | | | | | | | | | | |
| 1 | Region 19 | 4.3 | - | - | 9.8 | - | - | 71.5 | - | - | 1 | Region 19 | 4.0 | - | - | 11.3 | - | - | 72.1 | - | - |
| 1 | Ave. COM | 4.3 | - | - | 9.8 | - | - | 71.5 | - | - | 1 | Ave. COM | 4.0 | - | - | 11.3 | - | - | 72.1 | - | - |
| | Min. COM | - | - | - | - | - | - | - | - | - | | Min. COM | - | - | - | - | - | - | - | - | - |
| | Max. COM | - | - | - | - | - | - | - | - | - | | Max. COM | - | - | - | - | - | - | - | - | - |
| 577 | Ave. White | 4.1 | - | - | 8.6 | - | - | 72.6 | - | - | 423 | Ave. Yellow | 3.8 | - | - | 8.9 | - | - | 73.0 | - | - |
| | Min. White | 3.3 | - | - | 6.3 | - | - | 70.6 | - | - | | Min. Yellow | 3.0 | - | - | 7.0 | - | - | 71.0 | - | - |
| | Max. White | 4.7 | - | - | 11.2 | - | - | 74.3 | - | - | | Max. Yellow | 4.6 | - | - | 11.3 | - | - | 75.0 | - | - |
| 1000 | Ave. Maize | 4.0 | - | - | 8.7 | - | - | 72.8 | - | - | 1000 | Ave. Maize | 4.0 | - | - | 8.7 | - | - | 72.8 | - | - |
| | Min. Maize | 3.0 | - | - | 6.3 | - | - | 70.6 | - | - | | Min. Maize | 3.0 | - | - | 6.3 | - | - | 70.6 | - | - |
| | Max. Maize | 4.7 | - | - | 11.3 | - | - | 75.0 | - | - | | Max. Maize | 4.7 | - | - | 11.3 | - | - | 75.0 | - | - |