

**TABLE 10: NUTRITIONAL VALUES OF WHITE AND YELLOW
MAIZE (2009/2010)**

| Number of samples | Region | % (db) Fat | | | % (db) Protein | | | % (db) Starch | | |
|-------------------------|------------------|---------------|------------|------------|-------------------|------------|-------------|------------------|-------------|-------------|
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| WHITE | | | | | | | | | | |
| 2 | Region 11 | 4.0 | 3.9 | 4.0 | 8.9 | 8.2 | 9.5 | 72.2 | 71.7 | 72.6 |
| 11 | Region 12 | 4.3 | 4.0 | 4.5 | 8.3 | 7.6 | 8.9 | 72.6 | 71.7 | 73.2 |
| 9 | Region 13 | 4.2 | 4.0 | 4.4 | 8.4 | 7.7 | 8.9 | 72.8 | 71.9 | 73.3 |
| 18 | Region 14 | 4.4 | 4.0 | 4.9 | 8.7 | 8.0 | 9.2 | 72.2 | 71.4 | 73.2 |
| 19 | Region 15 | 4.3 | 4.1 | 4.4 | 8.8 | 8.4 | 9.1 | 72.4 | 71.8 | 73.4 |
| 22 | Region 16 | 4.3 | 4.1 | 4.6 | 8.6 | 8.2 | 9.8 | 72.3 | 71.7 | 73.0 |
| 14 | Region 17 | 4.3 | 3.9 | 4.9 | 8.5 | 7.6 | 9.2 | 72.5 | 71.8 | 73.1 |
| 14 | Region 18 | 4.3 | 3.9 | 4.9 | 8.3 | 7.8 | 9.0 | 72.7 | 71.3 | 74.5 |
| 10 | Region 19 | 4.2 | 3.8 | 4.5 | 8.4 | 7.6 | 8.8 | 72.7 | 72.2 | 73.5 |
| 10 | Region 20 | 4.1 | 3.9 | 4.4 | 8.2 | 7.8 | 8.5 | 73.0 | 72.2 | 73.4 |
| 29 | Region 21 | 4.4 | 4.0 | 4.9 | 8.5 | 8.0 | 10.0 | 72.3 | 71.1 | 73.6 |
| 10 | Region 22 | 4.3 | 4.0 | 4.5 | 8.5 | 7.9 | 9.0 | 72.8 | 71.5 | 73.9 |
| 34 | Region 23 | 4.2 | 3.7 | 4.7 | 8.5 | 6.6 | 10.0 | 72.6 | 71.3 | 73.6 |
| 32 | Region 24 | 4.2 | 3.7 | 4.5 | 8.5 | 7.0 | 9.5 | 72.5 | 70.6 | 74.6 |
| 23 | Region 25 | 4.2 | 3.7 | 4.5 | 7.8 | 6.6 | 9.0 | 72.7 | 72.0 | 74.6 |
| 19 | Region 26 | 4.3 | 3.8 | 5.6 | 8.1 | 7.0 | 9.2 | 72.6 | 71.2 | 73.9 |
| 6 | Region 27 | 4.3 | 4.0 | 4.4 | 8.2 | 7.5 | 9.3 | 72.5 | 71.0 | 73.2 |
| 40 | Region 28 | 4.1 | 3.8 | 4.6 | 8.0 | 6.8 | 9.3 | 72.6 | 71.7 | 74.3 |
| 33 | Region 29 | 4.2 | 3.8 | 4.6 | 8.2 | 7.1 | 9.5 | 72.6 | 71.4 | 73.6 |
| 18 | Region 30 | 4.1 | 3.5 | 4.7 | 8.3 | 7.4 | 8.9 | 72.6 | 71.7 | 74.3 |
| 14 | Region 31 | 4.0 | 3.5 | 4.6 | 8.3 | 7.7 | 9.4 | 73.3 | 72.4 | 74.3 |
| 26 | Region 32 | 4.1 | 3.7 | 4.4 | 8.2 | 7.5 | 9.3 | 73.1 | 72.5 | 73.7 |
| 5 | Region 33 | 4.0 | 3.5 | 4.3 | 8.7 | 7.8 | 9.8 | 73.0 | 72.2 | 73.8 |
| 16 | Region 34 | 4.3 | 4.0 | 4.6 | 8.2 | 7.7 | 9.3 | 73.0 | 71.6 | 73.6 |
| 8 | Region 35 | 4.4 | 4.1 | 4.7 | 8.7 | 8.2 | 9.1 | 72.1 | 71.0 | 73.3 |
| 16 | Region 36 | 4.5 | 4.2 | 5.8 | 8.7 | 7.8 | 9.6 | 72.4 | 70.8 | 73.8 |
| 458 | Ave white | 4.2 | | | 8.4 | | | 72.6 | | |
| | Min white | | 3.5 | | | 6.6 | | | 70.6 | |
| | Max white | | | 5.8 | | | 10.0 | | | 74.6 |
| YELLOW | | | | | | | | | | |
| 27 | Region 10 | 3.5 | 3.3 | 3.7 | 7.4 | 6.5 | 7.7 | 73.9 | 72.8 | 74.7 |
| 4 | Region 11 | 3.6 | 3.5 | 3.7 | 7.6 | 7.3 | 7.9 | 73.3 | 72.0 | 74.0 |
| 8 | Region 12 | 3.9 | 3.6 | 4.4 | 8.5 | 7.8 | 9.1 | 73.6 | 73.2 | 74.1 |
| 6 | Region 13 | 3.9 | 3.5 | 4.4 | 8.9 | 8.6 | 9.3 | 73.1 | 72.5 | 74.0 |
| 10 | Region 14 | 3.9 | 3.4 | 4.4 | 8.3 | 7.0 | 9.4 | 73.2 | 72.3 | 74.7 |
| 4 | Region 15 | 3.8 | 3.6 | 4.0 | 8.9 | 8.1 | 10.1 | 72.9 | 72.3 | 73.6 |
| 5 | Region 16 | 3.9 | 3.9 | 4.1 | 9.2 | 8.7 | 9.5 | 72.5 | 72.2 | 73.1 |
| 6 | Region 17 | 3.9 | 3.7 | 4.1 | 8.6 | 8.1 | 9.6 | 73.5 | 72.7 | 74.4 |
| 8 | Region 18 | 3.7 | 3.3 | 4.1 | 8.3 | 7.5 | 8.6 | 73.3 | 72.2 | 73.8 |
| 4 | Region 19 | 3.9 | 3.7 | 4.0 | 8.7 | 8.3 | 9.3 | 73.5 | 72.8 | 74.0 |
| 9 | Region 20 | 3.8 | 3.4 | 4.0 | 8.3 | 8.0 | 8.8 | 73.5 | 72.5 | 74.5 |
| 9 | Region 21 | 3.8 | 3.4 | 4.0 | 8.4 | 6.5 | 9.1 | 73.0 | 72.1 | 74.7 |
| 3 | Region 22 | 3.7 | 3.4 | 3.9 | 8.6 | 7.5 | 9.3 | 72.8 | 72.2 | 73.7 |
| 10 | Region 23 | 4.0 | 3.5 | 4.4 | 9.3 | 8.4 | 9.9 | 72.2 | 71.0 | 73.5 |
| 7 | Region 24 | 3.9 | 3.7 | 4.2 | 8.4 | 7.5 | 8.9 | 73.0 | 72.4 | 73.6 |
| 31 | Region 25 | 3.7 | 3.3 | 4.0 | 8.1 | 7.2 | 8.7 | 73.3 | 72.3 | 74.7 |

**TABLE 10: NUTRITIONAL VALUES OF WHITE AND YELLOW
MAIZE (2009/2010) (continue)**

| Number of samples | Region | % (db) Fat | | | % (db) Protein | | | % (db) Starch | | |
|-------------------------|-------------------------------|---------------|------------|------------|-------------------|------------|-------------|------------------|-------------|-------------|
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| YELLOW | | | | | | | | | | |
| 18 | Region 26 | 3.7 | 3.5 | 4.1 | 8.1 | 7.4 | 9.1 | 73.6 | 72.5 | 74.7 |
| 10 | Region 27 | 3.6 | 3.4 | 3.9 | 7.9 | 7.5 | 8.4 | 73.6 | 72.9 | 74.6 |
| 64 | Region 28 | 3.8 | 3.3 | 4.7 | 7.9 | 6.5 | 9.2 | 73.3 | 71.7 | 74.9 |
| 40 | Region 29 | 3.8 | 3.4 | 4.4 | 8.1 | 6.9 | 9.3 | 73.6 | 71.5 | 75.4 |
| 13 | Region 30 | 3.9 | 3.6 | 4.5 | 8.0 | 7.0 | 8.6 | 73.2 | 72.0 | 74.4 |
| 13 | Region 31 | 3.9 | 3.8 | 4.1 | 8.0 | 7.6 | 8.4 | 73.8 | 73.1 | 74.4 |
| 9 | Region 32 | 3.9 | 3.4 | 4.2 | 8.2 | 7.6 | 8.6 | 73.5 | 72.7 | 74.1 |
| 10 | Region 34 | 3.9 | 3.8 | 4.1 | 8.1 | 7.5 | 8.7 | 73.6 | 72.6 | 74.2 |
| 5 | Region 35 | 3.8 | 3.4 | 3.9 | 8.0 | 7.4 | 8.6 | 73.2 | 72.9 | 73.5 |
| 9 | Region 36 | 3.8 | 3.6 | 4.3 | 8.3 | 7.8 | 8.9 | 73.1 | 71.7 | 74.3 |
| 342 | Ave yellow | 3.8 | | | 8.1 | | | 73.4 | | |
| | Min yellow | | 3.3 | | | 6.5 | | | 71.0 | |
| | Max yellow | | | 4.7 | | | 10.1 | | | 75.4 |
| WHITE AND YELLOW | | | | | | | | | | |
| 27 | Region 10 | 3.5 | 3.3 | 3.7 | 7.4 | 6.5 | 7.7 | 73.9 | 72.8 | 74.7 |
| 6 | Region 11 | 3.7 | 3.5 | 4.0 | 8.0 | 7.3 | 9.5 | 72.9 | 71.7 | 74.0 |
| 19 | Region 12 | 4.1 | 3.6 | 4.5 | 8.4 | 7.6 | 9.1 | 73.0 | 71.7 | 74.1 |
| 15 | Region 13 | 4.1 | 3.5 | 4.4 | 8.6 | 7.7 | 9.3 | 72.9 | 71.9 | 74.0 |
| 28 | Region 14 | 4.2 | 3.4 | 4.9 | 8.6 | 7.0 | 9.4 | 72.6 | 71.4 | 74.7 |
| 23 | Region 15 | 4.2 | 3.6 | 4.4 | 8.8 | 8.1 | 10.1 | 72.5 | 71.8 | 73.6 |
| 27 | Region 16 | 4.2 | 3.9 | 4.6 | 8.7 | 8.2 | 9.8 | 72.4 | 71.7 | 73.1 |
| 20 | Region 17 | 4.1 | 3.7 | 4.9 | 8.5 | 7.6 | 9.6 | 72.8 | 71.8 | 74.4 |
| 22 | Region 18 | 4.1 | 3.3 | 4.9 | 8.3 | 7.5 | 9.0 | 72.9 | 71.3 | 74.5 |
| 14 | Region 19 | 4.1 | 3.7 | 4.5 | 8.5 | 7.6 | 9.3 | 72.9 | 72.2 | 74.0 |
| 19 | Region 20 | 4.0 | 3.4 | 4.4 | 8.3 | 7.8 | 8.8 | 73.2 | 72.2 | 74.5 |
| 38 | Region 21 | 4.2 | 3.4 | 4.9 | 8.5 | 6.5 | 10.0 | 72.5 | 71.1 | 74.7 |
| 13 | Region 22 | 4.1 | 3.4 | 4.5 | 8.5 | 7.5 | 9.3 | 72.8 | 71.5 | 73.9 |
| 44 | Region 23 | 4.2 | 3.5 | 4.7 | 8.7 | 6.6 | 10.0 | 72.5 | 71.0 | 73.6 |
| 39 | Region 24 | 4.2 | 3.7 | 4.5 | 8.5 | 7.0 | 9.5 | 72.6 | 70.6 | 74.6 |
| 54 | Region 25 | 3.9 | 3.3 | 4.5 | 8.0 | 6.6 | 9.0 | 73.0 | 72.0 | 74.7 |
| 37 | Region 26 | 4.0 | 3.5 | 5.6 | 8.1 | 7.0 | 9.2 | 73.1 | 71.2 | 74.7 |
| 16 | Region 27 | 3.8 | 3.4 | 4.4 | 8.0 | 7.5 | 9.3 | 73.2 | 71.0 | 74.6 |
| 104 | Region 28 | 3.9 | 3.3 | 4.7 | 8.0 | 6.5 | 9.3 | 73.0 | 71.7 | 74.9 |
| 73 | Region 29 | 4.0 | 3.4 | 4.6 | 8.1 | 6.9 | 9.5 | 73.1 | 71.4 | 75.4 |
| 31 | Region 30 | 4.0 | 3.5 | 4.7 | 8.2 | 7.0 | 8.9 | 72.8 | 71.7 | 74.4 |
| 27 | Region 31 | 4.0 | 3.5 | 4.6 | 8.2 | 7.6 | 9.4 | 73.5 | 72.4 | 74.4 |
| 35 | Region 32 | 4.0 | 3.4 | 4.4 | 8.2 | 7.5 | 9.3 | 73.2 | 72.5 | 74.1 |
| 5 | Region 33 | 4.0 | 3.5 | 4.3 | 8.7 | 7.8 | 9.8 | 73.0 | 72.2 | 73.8 |
| 26 | Region 34 | 4.2 | 3.8 | 4.6 | 8.2 | 7.5 | 9.3 | 73.2 | 71.6 | 74.2 |
| 13 | Region 35 | 4.1 | 3.4 | 4.7 | 8.4 | 7.4 | 9.1 | 72.5 | 71.0 | 73.5 |
| 25 | Region 36 | 4.3 | 3.6 | 5.8 | 8.6 | 7.8 | 9.6 | 72.7 | 70.8 | 74.3 |
| 800 | Ave white & yellow | 4.0 | | | 8.3 | | | 72.9 | | |
| | Min white & yellow | | 3.3 | | | 6.5 | | | 70.6 | |
| | Max white & yellow | | | 5.8 | | | 10.1 | | | 75.4 |