

**TABLE 33: NUTRITIONAL VALUES OF WHITE AND YELLOW MAIZE  
ACCORDING TO REGION (2024/25)**

| Number<br>of<br>samples | Region     | Fat<br>% (db) |      |      | Protein<br>% (db) |      |      | Starch<br>% (db) |      |      | Crude Fibre<br>% (db) |      |      |
|-------------------------|------------|---------------|------|------|-------------------|------|------|------------------|------|------|-----------------------|------|------|
|                         |            | ave.          | min. | max. | ave.              | min. | max. | ave.             | min. | max. | ave.                  | min. | max. |
| WHITE                   |            |               |      |      |                   |      |      |                  |      |      |                       |      |      |
| 2                       | Region 11  | 4.0           | 4.0  | 4.0  | 8.7               | 8.4  | 9.0  | 74.5             | 74.4 | 74.7 | 2.0                   | 2.0  | 2.0  |
| 7                       | Region 14  | 4.1           | 3.9  | 4.5  | 8.7               | 7.4  | 10.1 | 74.4             | 71.7 | 76.3 | 2.3                   | 2.1  | 2.4  |
| 31                      | Region 15  | 4.0           | 3.5  | 4.8  | 9.4               | 8.2  | 11.6 | 73.6             | 70.2 | 75.2 | 2.2                   | 1.9  | 2.5  |
| 11                      | Region 16  | 4.1           | 3.8  | 4.4  | 9.6               | 8.0  | 10.9 | 73.3             | 71.7 | 76.5 | 2.2                   | 2.0  | 2.3  |
| 4                       | Region 17  | 3.9           | 3.7  | 4.0  | 8.5               | 8.1  | 8.8  | 74.4             | 73.9 | 75.2 | 2.1                   | 2.0  | 2.2  |
| 14                      | Region 18  | 3.9           | 3.3  | 4.3  | 8.9               | 7.9  | 9.8  | 74.0             | 72.9 | 75.6 | 2.1                   | 2.0  | 2.2  |
| 12                      | Region 21  | 4.2           | 3.9  | 4.6  | 9.0               | 8.2  | 10.5 | 73.9             | 70.9 | 75.9 | 2.2                   | 2.0  | 2.4  |
| 9                       | Region 22  | 4.0           | 3.7  | 4.3  | 10.0              | 9.4  | 11.3 | 72.4             | 70.6 | 73.7 | 2.3                   | 2.2  | 2.5  |
| 43                      | Region 23  | 4.0           | 3.6  | 4.4  | 9.6               | 8.0  | 11.1 | 73.1             | 70.7 | 75.6 | 2.2                   | 2.0  | 2.4  |
| 46                      | Region 24  | 4.0           | 3.5  | 4.5  | 8.9               | 7.0  | 11.4 | 74.1             | 70.9 | 76.5 | 2.2                   | 1.9  | 2.5  |
| 3                       | Region 25  | 4.0           | 3.8  | 4.4  | 9.1               | 8.1  | 9.7  | 74.2             | 72.5 | 76.5 | 2.1                   | 2.1  | 2.2  |
| 12                      | Region 26  | 4.1           | 3.8  | 4.4  | 9.0               | 7.0  | 12.7 | 74.1             | 69.1 | 76.0 | 2.2                   | 2.0  | 2.6  |
| 11                      | Region 27  | 4.0           | 3.7  | 4.4  | 9.8               | 8.7  | 10.9 | 72.6             | 70.7 | 75.0 | 2.1                   | 2.0  | 2.2  |
| 20                      | Region 28  | 3.9           | 3.6  | 4.2  | 8.6               | 6.6  | 9.8  | 74.3             | 72.6 | 75.8 | 2.1                   | 1.9  | 2.4  |
| 28                      | Region 29  | 3.9           | 3.5  | 4.5  | 9.0               | 7.9  | 10.7 | 73.8             | 70.9 | 76.2 | 2.1                   | 1.9  | 2.4  |
| 42                      | Region 30  | 4.0           | 3.5  | 4.5  | 8.3               | 7.3  | 9.3  | 74.7             | 72.5 | 75.9 | 2.1                   | 2.0  | 2.3  |
| 16                      | Region 31  | 4.0           | 3.7  | 4.5  | 8.8               | 8.0  | 9.7  | 73.9             | 72.2 | 75.2 | 2.1                   | 2.0  | 2.3  |
| 29                      | Region 32  | 3.9           | 3.5  | 4.5  | 8.9               | 7.8  | 10.5 | 74.0             | 72.1 | 75.9 | 2.1                   | 1.9  | 2.3  |
| 69                      | Region 33  | 4.0           | 3.5  | 4.4  | 8.4               | 7.5  | 9.8  | 74.8             | 72.7 | 76.1 | 2.1                   | 1.9  | 2.3  |
| 29                      | Region 34  | 3.9           | 3.5  | 4.5  | 8.9               | 7.9  | 11.0 | 74.2             | 71.2 | 75.5 | 2.1                   | 1.9  | 2.5  |
| 7                       | Region 35  | 4.1           | 3.8  | 4.7  | 8.5               | 8.1  | 8.7  | 74.5             | 72.9 | 75.0 | 2.1                   | 1.9  | 2.3  |
| 13                      | Region 36  | 4.0           | 3.7  | 4.2  | 8.4               | 7.9  | 9.5  | 74.7             | 73.3 | 76.0 | 2.1                   | 2.0  | 2.2  |
| 458                     | Ave. white | 4.0           |      |      | 8.9               |      |      | 74.0             |      |      | 2.1                   |      |      |
|                         | Min. white |               | 3.3  |      |                   | 6.6  |      |                  | 69.1 |      |                       | 1.9  |      |
|                         | Max. white |               |      | 4.8  |                   |      | 12.7 |                  |      | 76.5 |                       |      | 2.6  |
| YELLOW                  |            |               |      |      |                   |      |      |                  |      |      |                       |      |      |
| 2                       | Region 5   | 3.6           | 3.6  | 3.7  | 7.9               | 7.8  | 8.0  | 75.5             | 75.3 | 75.6 | 2.2                   | 2.2  | 2.2  |
| 5                       | Region 6   | 4.0           | 3.7  | 4.7  | 8.7               | 8.1  | 9.9  | 74.1             | 71.6 | 75.9 | 2.1                   | 1.9  | 2.2  |
| 31                      | Region 10  | 3.8           | 3.5  | 4.1  | 8.5               | 7.7  | 9.7  | 75.0             | 73.7 | 76.0 | 2.0                   | 1.9  | 2.2  |
| 16                      | Region 11  | 3.8           | 3.6  | 3.9  | 8.5               | 8.1  | 9.1  | 75.2             | 74.5 | 76.0 | 2.1                   | 2.1  | 2.2  |
| 2                       | Region 15  | 3.8           | 3.7  | 3.8  | 9.1               | 8.8  | 9.4  | 73.2             | 72.4 | 73.9 | 2.3                   | 2.1  | 2.4  |
| 2                       | Region 16  | 4.2           | 4.2  | 4.3  | 9.0               | 8.6  | 9.4  | 73.1             | 72.4 | 73.7 | 2.3                   | 2.3  | 2.3  |
| 14                      | Region 18  | 3.9           | 3.6  | 4.3  | 8.7               | 7.7  | 9.4  | 73.9             | 72.7 | 75.5 | 2.3                   | 2.1  | 2.5  |
| 5                       | Region 21  | 4.0           | 3.8  | 4.1  | 8.7               | 8.0  | 9.7  | 73.2             | 72.0 | 74.3 | 2.2                   | 2.1  | 2.3  |
| 5                       | Region 23  | 4.1           | 3.6  | 4.4  | 9.5               | 9.0  | 10.2 | 72.7             | 71.8 | 73.7 | 2.2                   | 2.1  | 2.2  |
| 22                      | Region 24  | 3.8           | 3.4  | 4.3  | 9.0               | 8.3  | 10.5 | 73.3             | 71.7 | 74.6 | 2.2                   | 2.0  | 2.5  |
| 34                      | Region 25  | 4.0           | 3.6  | 4.5  | 8.9               | 7.6  | 10.3 | 73.7             | 70.4 | 76.5 | 2.2                   | 1.9  | 2.5  |
| 37                      | Region 26  | 4.0           | 3.5  | 5.0  | 9.1               | 7.8  | 11.3 | 72.9             | 69.8 | 75.2 | 2.3                   | 2.0  | 2.5  |
| 21                      | Region 27  | 3.9           | 3.6  | 4.2  | 8.8               | 7.9  | 10.1 | 73.5             | 71.9 | 75.3 | 2.2                   | 2.0  | 2.4  |
| 77                      | Region 28  | 4.0           | 3.6  | 4.4  | 8.8               | 7.3  | 10.1 | 73.4             | 71.3 | 75.3 | 2.2                   | 1.9  | 2.5  |
| 36                      | Region 29  | 4.0           | 3.5  | 4.8  | 9.3               | 7.9  | 10.2 | 72.9             | 71.9 | 74.4 | 2.1                   | 1.9  | 2.4  |
| 58                      | Region 30  | 4.2           | 3.2  | 5.0  | 8.8               | 7.5  | 9.9  | 73.2             | 70.0 | 75.2 | 2.2                   | 2.0  | 2.5  |
| 47                      | Region 31  | 3.8           | 3.4  | 4.4  | 8.8               | 7.9  | 10.1 | 73.7             | 71.7 | 75.9 | 2.2                   | 1.9  | 2.4  |
| 42                      | Region 32  | 4.0           | 3.2  | 4.6  | 8.9               | 8.1  | 9.8  | 73.3             | 71.8 | 75.9 | 2.2                   | 1.9  | 2.4  |
| 25                      | Region 33  | 3.8           | 3.3  | 4.7  | 8.5               | 6.8  | 10.0 | 74.0             | 72.2 | 75.3 | 2.1                   | 1.9  | 2.4  |
| 24                      | Region 34  | 3.8           | 3.5  | 4.3  | 9.2               | 8.3  | 10.5 | 73.4             | 71.7 | 74.3 | 2.2                   | 2.0  | 2.4  |
| 3                       | Region 35  | 3.9           | 3.8  | 4.0  | 8.5               | 7.8  | 9.4  | 74.1             | 72.1 | 75.3 | 2.3                   | 2.1  | 2.5  |
| 34                      | Region 36  | 3.8           | 3.4  | 4.2  | 8.4               | 7.7  | 9.0  | 74.3             | 72.9 | 75.6 | 2.2                   | 1.9  | 2.4  |

**TABLE 33: NUTRITIONAL VALUES OF WHITE AND YELLOW MAIZE  
ACCORDING TO REGION (2024/25) (continue)**

| Number<br>of<br>samples | Region     |     | Fat<br>% (db) |      |      | Protein<br>% (db) |      |      | Starch<br>% (db) |      |      | Crude Fibre<br>% (db) |      |      |
|-------------------------|------------|-----|---------------|------|------|-------------------|------|------|------------------|------|------|-----------------------|------|------|
|                         |            |     | ave.          | min. | max. | ave.              | min. | max. | ave.             | min. | max. | ave.                  | min. | max. |
| YELLOW                  |            |     |               |      |      |                   |      |      |                  |      |      |                       |      |      |
| 542                     | Ave. white | 3.9 |               |      | 8.8  |                   |      | 73.6 |                  |      | 2.2  |                       |      |      |
|                         | Min. white | 3.2 |               |      | 6.8  |                   |      | 69.8 |                  |      | 1.9  |                       |      |      |
|                         | Max. white | 5.0 |               |      | 11.6 |                   |      | 76.5 |                  |      | 2.5  |                       |      |      |
| WHITE AND YELLOW        |            |     |               |      |      |                   |      |      |                  |      |      |                       |      |      |
| 2                       | Region 05  | 3.6 | 3.6           | 3.7  | 7.9  | 7.8               | 8.0  | 75.5 | 75.3             | 75.6 | 2.2  | 2.2                   | 2.2  |      |
| 5                       | Region 06  | 4.0 | 3.7           | 4.7  | 8.7  | 8.1               | 9.9  | 74.1 | 71.6             | 75.9 | 2.1  | 1.9                   | 2.2  |      |
| 31                      | Region 10  | 3.8 | 3.5           | 4.1  | 8.5  | 7.7               | 9.7  | 75.0 | 73.7             | 76.0 | 2.0  | 1.9                   | 2.2  |      |
| 18                      | Region 11  | 3.8 | 3.6           | 4.0  | 8.6  | 8.1               | 9.1  | 75.1 | 74.4             | 76.0 | 2.1  | 2.0                   | 2.2  |      |
| 7                       | Region 14  | 4.1 | 3.9           | 4.5  | 8.7  | 7.4               | 10.1 | 74.4 | 71.7             | 76.3 | 2.3  | 2.1                   | 2.4  |      |
| 33                      | Region 15  | 4.0 | 3.5           | 4.8  | 9.4  | 8.2               | 11.6 | 73.6 | 70.2             | 75.2 | 2.2  | 1.9                   | 2.5  |      |
| 13                      | Region 16  | 4.1 | 3.8           | 4.4  | 9.5  | 8.0               | 10.9 | 73.3 | 71.7             | 76.5 | 2.2  | 2.0                   | 2.3  |      |
| 4                       | Region 17  | 3.9 | 3.7           | 4.0  | 8.5  | 8.1               | 8.8  | 74.4 | 73.9             | 75.2 | 2.1  | 2.0                   | 2.2  |      |
| 28                      | Region 18  | 3.9 | 3.3           | 4.3  | 8.8  | 7.7               | 9.8  | 74.0 | 72.7             | 75.6 | 2.2  | 2.0                   | 2.5  |      |
| 17                      | Region 21  | 4.1 | 3.8           | 4.6  | 8.9  | 8.0               | 10.5 | 73.7 | 70.9             | 75.9 | 2.2  | 2.0                   | 2.4  |      |
| 9                       | Region 22  | 4.0 | 3.7           | 4.3  | 10.0 | 9.4               | 11.3 | 72.4 | 70.6             | 73.7 | 2.3  | 2.2                   | 2.5  |      |
| 48                      | Region 23  | 4.0 | 3.6           | 4.4  | 9.6  | 8.0               | 11.1 | 73.1 | 70.7             | 75.6 | 2.2  | 2.0                   | 2.4  |      |
| 68                      | Region 24  | 4.0 | 3.4           | 4.5  | 8.9  | 7.0               | 11.4 | 73.8 | 70.9             | 76.5 | 2.2  | 1.9                   | 2.5  |      |
| 37                      | Region 25  | 4.0 | 3.6           | 4.5  | 8.9  | 7.6               | 10.3 | 73.8 | 70.4             | 76.5 | 2.2  | 1.9                   | 2.5  |      |
| 49                      | Region 26  | 4.1 | 3.5           | 5.0  | 9.1  | 7.0               | 12.7 | 73.2 | 69.1             | 76.0 | 2.2  | 2.0                   | 2.6  |      |
| 32                      | Region 27  | 3.9 | 3.6           | 4.4  | 9.1  | 7.9               | 10.9 | 73.2 | 70.7             | 75.3 | 2.2  | 2.0                   | 2.4  |      |
| 97                      | Region 28  | 4.0 | 3.6           | 4.4  | 8.8  | 6.6               | 10.1 | 73.6 | 71.3             | 75.8 | 2.2  | 1.9                   | 2.5  |      |
| 64                      | Region 29  | 4.0 | 3.5           | 4.8  | 9.2  | 7.9               | 10.7 | 73.3 | 70.9             | 76.2 | 2.1  | 1.9                   | 2.4  |      |
| 100                     | Region 30  | 4.1 | 3.2           | 5.0  | 8.5  | 7.3               | 9.9  | 73.8 | 70.0             | 75.9 | 2.2  | 2.0                   | 2.5  |      |
| 63                      | Region 31  | 3.9 | 3.4           | 4.5  | 8.8  | 7.9               | 10.1 | 73.7 | 71.7             | 75.9 | 2.1  | 1.9                   | 2.4  |      |
| 71                      | Region 32  | 4.0 | 3.2           | 4.6  | 8.9  | 7.8               | 10.5 | 73.6 | 71.8             | 75.9 | 2.2  | 1.9                   | 2.4  |      |
| 94                      | Region 33  | 3.9 | 3.3           | 4.7  | 8.4  | 6.8               | 10.0 | 74.6 | 72.2             | 76.1 | 2.1  | 1.9                   | 2.4  |      |
| 53                      | Region 34  | 3.8 | 3.5           | 4.5  | 9.0  | 7.9               | 11.0 | 73.8 | 71.2             | 75.5 | 2.2  | 1.9                   | 2.5  |      |
| 10                      | Region 35  | 4.0 | 3.8           | 4.7  | 8.5  | 7.8               | 9.4  | 74.3 | 72.1             | 75.3 | 2.2  | 1.9                   | 2.5  |      |
| 47                      | Region 36  | 3.9 | 3.4           | 4.2  | 8.4  | 7.7               | 9.5  | 74.4 | 72.9             | 76.0 | 2.2  | 1.9                   | 2.4  |      |
| 1000                    | Ave. maize | 4.0 |               |      | 8.9  |                   |      | 73.8 |                  |      | 2.2  |                       |      |      |
|                         | Min. maize | 3.2 |               |      | 6.6  |                   |      | 69.1 |                  |      | 1.9  |                       |      |      |
|                         | Max. maize | 5.0 |               |      | 12.7 |                   |      | 76.5 |                  |      | 2.6  |                       |      |      |