

| TABLE 25: NUTRITIONAL VALUES OF WHITE AND YELLOW MAIZE (2023/24) |            |               |      |      |                   |      |      |                  |      |      |                       |      |      |
|------------------------------------------------------------------|------------|---------------|------|------|-------------------|------|------|------------------|------|------|-----------------------|------|------|
| 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                                                            |            |               |      |      |                   |      |      |                  |      |      |                       |      |      |
| 17                                                               | Region 12  | 4.2           | 3.7  | 4.6  | 9.6               | 8.7  | 10.3 | 73.4             | 72.0 | 75.0 | 2.2                   | 2.1  | 2.3  |
| 8                                                                | Region 13  | 4.2           | 3.7  | 5.2  | 9.4               | 8.1  | 10.6 | 73.5             | 71.0 | 74.6 | 2.3                   | 2.2  | 2.4  |
| 20                                                               | Region 14  | 3.9           | 3.5  | 4.3  | 9.4               | 8.4  | 10.2 | 73.9             | 71.6 | 76.2 | 2.2                   | 2.1  | 2.4  |
| 13                                                               | Region 15  | 3.9           | 3.7  | 4.3  | 9.1               | 8.2  | 10.3 | 74.4             | 72.0 | 76.0 | 2.2                   | 2.0  | 2.3  |
| 9                                                                | Region 16  | 3.8           | 3.5  | 4.1  | 9.3               | 8.6  | 10.1 | 74.2             | 73.4 | 75.7 | 2.2                   | 2.1  | 2.3  |
| 26                                                               | Region 17  | 4.0           | 3.5  | 4.4  | 9.0               | 7.4  | 10.6 | 74.4             | 70.9 | 76.8 | 2.2                   | 1.9  | 2.4  |
| 24                                                               | Region 18  | 4.0           | 3.5  | 4.4  | 8.7               | 7.0  | 10.4 | 74.8             | 72.2 | 77.1 | 2.2                   | 1.9  | 2.5  |
| 23                                                               | Region 19  | 4.2           | 3.7  | 4.6  | 9.3               | 7.8  | 10.4 | 73.6             | 71.4 | 76.5 | 2.2                   | 2.0  | 2.5  |
| 22                                                               | Region 20  | 3.9           | 3.6  | 4.4  | 9.1               | 7.8  | 10.4 | 73.7             | 71.7 | 75.4 | 2.2                   | 2.1  | 2.4  |
| 27                                                               | Region 21  | 4.0           | 3.6  | 4.4  | 9.1               | 7.5  | 10.4 | 74.1             | 71.5 | 76.8 | 2.2                   | 2.1  | 2.5  |
| 32                                                               | Region 22  | 3.9           | 3.7  | 4.2  | 8.6               | 6.7  | 9.6  | 74.9             | 73.2 | 77.4 | 2.2                   | 2.0  | 2.5  |
| 37                                                               | Region 23  | 3.9           | 3.6  | 4.2  | 8.7               | 7.7  | 9.2  | 74.8             | 73.4 | 76.5 | 2.1                   | 2.0  | 2.3  |
| 28                                                               | Region 24  | 4.0           | 3.4  | 4.3  | 9.1               | 7.6  | 10.8 | 74.0             | 70.5 | 76.4 | 2.3                   | 2.0  | 2.5  |
| 1                                                                | Region 25  | 4.2           | -    | -    | 8.5               | -    | -    | 74.7             | -    | -    | 2.3                   | -    | -    |
| 7                                                                | Region 26  | 3.9           | 3.5  | 4.2  | 9.4               | 7.8  | 10.9 | 73.8             | 71.7 | 75.7 | 2.2                   | 2.1  | 2.3  |
| 13                                                               | Region 28  | 3.7           | 3.4  | 4.1  | 9.9               | 8.2  | 11.0 | 73.3             | 72.0 | 76.1 | 2.3                   | 2.0  | 2.4  |
| 33                                                               | Region 29  | 3.8           | 3.4  | 4.3  | 9.1               | 7.8  | 11.1 | 74.0             | 71.4 | 76.2 | 2.2                   | 2.0  | 2.5  |
| 38                                                               | Region 30  | 3.8           | 3.4  | 4.3  | 8.6               | 7.7  | 9.5  | 74.3             | 73.3 | 75.5 | 2.1                   | 1.8  | 2.3  |
| 14                                                               | Region 31  | 3.7           | 3.5  | 4.2  | 9.5               | 9.0  | 10.2 | 73.0             | 72.0 | 73.9 | 2.2                   | 2.1  | 2.5  |
| 16                                                               | Region 32  | 3.8           | 3.5  | 4.3  | 8.8               | 7.5  | 9.9  | 74.1             | 72.8 | 75.6 | 2.2                   | 2.1  | 2.3  |
| 51                                                               | Region 33  | 3.9           | 3.6  | 4.2  | 8.4               | 7.3  | 9.2  | 74.7             | 73.4 | 75.8 | 2.1                   | 1.9  | 2.3  |
| 33                                                               | Region 34  | 3.9           | 3.5  | 4.7  | 8.6               | 7.4  | 9.9  | 74.8             | 72.3 | 77.3 | 2.1                   | 1.8  | 2.5  |
| 10                                                               | Region 35  | 4.2           | 3.9  | 4.6  | 8.6               | 7.1  | 10.2 | 74.0             | 72.1 | 75.9 | 2.2                   | 2.1  | 2.4  |
| 16                                                               | Region 36  | 3.9           | 3.5  | 4.5  | 8.3               | 7.6  | 9.2  | 74.9             | 73.9 | 76.6 | 2.1                   | 2.0  | 2.2  |
| 518                                                              | Ave. white | 3.9           |      |      | 8.9               |      |      | 74.3             |      |      | 2.2                   |      |      |
|                                                                  | Min. white |               | 3.4  |      |                   | 6.7  |      |                  | 70.5 |      |                       | 1.8  |      |
|                                                                  | Max. white |               |      | 5.2  |                   |      | 11.1 |                  |      | 77.4 |                       |      | 2.5  |
| YELLOW                                                           |            |               |      |      |                   |      |      |                  |      |      |                       |      |      |
| 5                                                                | Region 06  | 3.7           | 3.5  | 3.9  | 8.1               | 7.6  | 8.3  | 75.0             | 74.9 | 75.3 | 2.2                   | 2.1  | 2.3  |
| 14                                                               | Region 08  | 4.0           | 3.6  | 4.4  | 9.1               | 7.9  | 10.1 | 74.2             | 72.0 | 76.1 | 2.1                   | 1.8  | 2.4  |
| 16                                                               | Region 10  | 3.9           | 3.5  | 4.1  | 8.3               | 7.7  | 9.0  | 75.7             | 73.1 | 77.0 | 2.1                   | 2.0  | 2.3  |
| 12                                                               | Region 11  | 3.8           | 3.4  | 4.1  | 8.6               | 8.1  | 9.4  | 74.9             | 73.4 | 76.2 | 2.2                   | 2.0  | 2.3  |
| 2                                                                | Region 12  | 4.3           | 4.1  | 4.6  | 9.0               | 9.0  | 9.1  | 74.1             | 73.9 | 74.3 | 2.1                   | 1.8  | 2.4  |
| 2                                                                | Region 13  | 4.0           | 3.9  | 4.1  | 9.6               | 9.2  | 10.0 | 72.9             | 72.2 | 73.6 | 2.3                   | 2.2  | 2.4  |
| 8                                                                | Region 14  | 3.9           | 3.7  | 4.2  | 9.8               | 8.7  | 10.8 | 73.3             | 71.0 | 75.3 | 2.2                   | 2.0  | 2.3  |
| 7                                                                | Region 15  | 4.1           | 4.0  | 4.2  | 8.7               | 8.4  | 8.9  | 74.3             | 73.5 | 75.5 | 2.2                   | 2.0  | 2.4  |
| 6                                                                | Region 17  | 4.0           | 3.8  | 4.4  | 9.3               | 8.7  | 10.7 | 73.8             | 71.6 | 75.0 | 2.2                   | 2.1  | 2.3  |
| 8                                                                | Region 18  | 3.8           | 3.4  | 4.2  | 9.2               | 8.5  | 11.0 | 73.9             | 71.2 | 75.3 | 2.2                   | 1.9  | 2.6  |
| 14                                                               | Region 19  | 4.1           | 3.8  | 4.4  | 9.5               | 8.2  | 11.0 | 73.4             | 70.9 | 75.0 | 2.2                   | 2.0  | 2.5  |
| 6                                                                | Region 20  | 3.8           | 3.6  | 3.9  | 8.8               | 7.8  | 9.3  | 74.1             | 72.9 | 75.4 | 2.1                   | 2.0  | 2.3  |
| 6                                                                | Region 21  | 3.8           | 3.5  | 4.7  | 10.6              | 9.3  | 11.4 | 72.1             | 70.0 | 73.9 | 2.3                   | 2.0  | 2.4  |
| 3                                                                | Region 22  | 3.9           | 3.7  | 4.0  | 9.0               | 8.3  | 9.4  | 74.1             | 73.9 | 74.4 | 2.3                   | 2.3  | 2.3  |
| 14                                                               | Region 24  | 3.8           | 3.4  | 4.2  | 9.1               | 7.6  | 10.7 | 74.2             | 71.8 | 76.4 | 2.2                   | 2.0  | 2.4  |
| 12                                                               | Region 25  | 3.9           | 3.4  | 4.3  | 9.1               | 8.3  | 10.2 | 74.1             | 73.2 | 75.1 | 2.3                   | 2.0  | 2.4  |

| TABLE 25: NUTRITIONAL VALUES OF WHITE AND YELLOW MAIZE (2023/24)<br>(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                                                                         |            |               |      |      |                   |      |      |                  |      |      |                       |      |      |
| 15                                                                             | Region 26  | 3.9           | 3.5  | 4.3  | 9.6               | 7.9  | 11.6 | 73.2             | 70.1 | 75.1 | 2.3                   | 2.2  | 2.6  |
| 5                                                                              | Region 27  | 3.9           | 3.7  | 4.0  | 9.7               | 8.2  | 10.5 | 72.8             | 71.2 | 74.5 | 2.1                   | 2.1  | 2.2  |
| 44                                                                             | Region 28  | 3.8           | 3.3  | 4.7  | 9.5               | 8.1  | 10.8 | 73.2             | 71.0 | 76.2 | 2.2                   | 2.0  | 2.5  |
| 41                                                                             | Region 29  | 3.8           | 3.2  | 4.3  | 9.9               | 8.7  | 11.2 | 72.7             | 70.3 | 75.5 | 2.1                   | 1.9  | 2.5  |
| 43                                                                             | Region 30  | 3.9           | 3.3  | 4.8  | 9.1               | 7.9  | 11.3 | 73.3             | 70.3 | 75.1 | 2.1                   | 1.8  | 2.5  |
| 65                                                                             | Region 31  | 3.8           | 3.4  | 4.5  | 9.8               | 8.1  | 11.3 | 72.8             | 70.8 | 74.5 | 2.2                   | 1.9  | 2.5  |
| 49                                                                             | Region 32  | 3.9           | 3.3  | 4.5  | 9.5               | 8.0  | 10.5 | 72.9             | 71.5 | 75.3 | 2.2                   | 1.9  | 2.6  |
| 29                                                                             | Region 33  | 4.0           | 3.5  | 4.6  | 8.8               | 7.6  | 9.6  | 73.8             | 72.3 | 75.6 | 2.1                   | 1.8  | 2.3  |
| 26                                                                             | Region 34  | 3.8           | 3.4  | 4.2  | 9.2               | 8.0  | 10.9 | 74.0             | 71.4 | 75.6 | 2.1                   | 1.9  | 2.5  |
| 7                                                                              | Region 35  | 4.1           | 4.0  | 4.3  | 9.2               | 7.8  | 10.6 | 73.6             | 70.7 | 75.6 | 2.3                   | 2.1  | 2.4  |
| 23                                                                             | Region 36  | 3.9           | 3.6  | 4.3  | 8.4               | 7.5  | 9.6  | 74.8             | 72.9 | 76.2 | 2.1                   | 2.0  | 2.3  |
| 482                                                                            | Ave. white | 3.9           |      |      | 9.3               |      |      | 73.5             |      |      | 2.2                   |      |      |
|                                                                                | Min. white |               | 3.2  |      |                   | 7.5  |      |                  | 70.0 |      |                       | 1.8  |      |
|                                                                                | Max. white |               |      | 4.8  |                   |      | 11.6 |                  |      | 77.0 |                       |      | 2.6  |
| WHITE AND YELLOW                                                               |            |               |      |      |                   |      |      |                  |      |      |                       |      |      |
| 5                                                                              | Region 6   | 3.7           | 3.5  | 3.9  | 8.1               | 7.6  | 8.3  | 75.0             | 74.9 | 75.3 | 2.2                   | 2.1  | 2.3  |
| 14                                                                             | Region 8   | 4.0           | 3.6  | 4.4  | 9.1               | 7.9  | 10.1 | 74.2             | 72.0 | 76.1 | 2.1                   | 1.8  | 2.4  |
| 16                                                                             | Region 10  | 3.9           | 3.5  | 4.1  | 8.3               | 7.7  | 9.0  | 75.7             | 73.1 | 77.0 | 2.1                   | 2.0  | 2.3  |
| 12                                                                             | Region 11  | 3.8           | 3.4  | 4.1  | 8.6               | 8.1  | 9.4  | 74.9             | 73.4 | 76.2 | 2.2                   | 2.0  | 2.3  |
| 19                                                                             | Region 12  | 4.2           | 3.7  | 4.6  | 9.5               | 8.7  | 10.3 | 73.4             | 72.0 | 75.0 | 2.2                   | 1.8  | 2.4  |
| 10                                                                             | Region 13  | 4.2           | 3.7  | 5.2  | 9.4               | 8.1  | 10.6 | 73.4             | 71.0 | 74.6 | 2.3                   | 2.2  | 2.4  |
| 28                                                                             | Region 14  | 3.9           | 3.5  | 4.3  | 9.5               | 8.4  | 10.8 | 73.8             | 71.0 | 76.2 | 2.2                   | 2.0  | 2.4  |
| 20                                                                             | Region 15  | 3.9           | 3.7  | 4.3  | 9.0               | 8.2  | 10.3 | 74.4             | 72.0 | 76.0 | 2.2                   | 2.0  | 2.4  |
| 9                                                                              | Region 16  | 3.8           | 3.5  | 4.1  | 9.3               | 8.6  | 10.1 | 74.2             | 73.4 | 75.7 | 2.2                   | 2.1  | 2.3  |
| 32                                                                             | Region 17  | 4.0           | 3.5  | 4.4  | 9.1               | 7.4  | 10.7 | 74.3             | 70.9 | 76.8 | 2.2                   | 1.9  | 2.4  |
| 32                                                                             | Region 18  | 3.9           | 3.4  | 4.4  | 8.8               | 7.0  | 11.0 | 74.6             | 71.2 | 77.1 | 2.2                   | 1.9  | 2.6  |
| 37                                                                             | Region 19  | 4.1           | 3.7  | 4.6  | 9.4               | 7.8  | 11.0 | 73.5             | 70.9 | 76.5 | 2.2                   | 2.0  | 2.5  |
| 28                                                                             | Region 20  | 3.8           | 3.6  | 4.4  | 9.0               | 7.8  | 10.4 | 73.8             | 71.7 | 75.4 | 2.2                   | 2.0  | 2.4  |
| 33                                                                             | Region 21  | 3.9           | 3.5  | 4.7  | 9.4               | 7.5  | 11.4 | 73.7             | 70.0 | 76.8 | 2.3                   | 2.0  | 2.5  |
| 35                                                                             | Region 22  | 3.9           | 3.7  | 4.2  | 8.6               | 6.7  | 9.6  | 74.8             | 73.2 | 77.4 | 2.2                   | 2.0  | 2.5  |
| 37                                                                             | Region 23  | 3.9           | 3.6  | 4.2  | 8.7               | 7.7  | 9.2  | 74.8             | 73.4 | 76.5 | 2.1                   | 2.0  | 2.3  |
| 42                                                                             | Region 24  | 3.9           | 3.4  | 4.3  | 9.1               | 7.6  | 10.8 | 74.1             | 70.5 | 76.4 | 2.2                   | 2.0  | 2.5  |
| 13                                                                             | Region 25  | 3.9           | 3.4  | 4.3  | 9.0               | 8.3  | 10.2 | 74.2             | 73.2 | 75.1 | 2.3                   | 2.0  | 2.4  |
| 22                                                                             | Region 26  | 3.9           | 3.5  | 4.3  | 9.6               | 7.8  | 11.6 | 73.4             | 70.1 | 75.7 | 2.3                   | 2.1  | 2.6  |
| 5                                                                              | Region 27  | 3.9           | 3.7  | 4.0  | 9.7               | 8.2  | 10.5 | 72.8             | 71.2 | 74.5 | 2.1                   | 2.1  | 2.2  |
| 57                                                                             | Region 28  | 3.8           | 3.3  | 4.7  | 9.6               | 8.1  | 11.0 | 73.2             | 71.0 | 76.2 | 2.2                   | 2.0  | 2.5  |
| 74                                                                             | Region 29  | 3.8           | 3.2  | 4.3  | 9.6               | 7.8  | 11.2 | 73.3             | 70.3 | 76.2 | 2.1                   | 1.9  | 2.5  |
| 81                                                                             | Region 30  | 3.8           | 3.3  | 4.8  | 8.9               | 7.7  | 11.3 | 73.8             | 70.3 | 75.5 | 2.1                   | 1.8  | 2.5  |
| 79                                                                             | Region 31  | 3.8           | 3.4  | 4.5  | 9.7               | 8.1  | 11.3 | 72.9             | 70.8 | 74.5 | 2.2                   | 1.9  | 2.5  |
| 65                                                                             | Region 32  | 3.9           | 3.3  | 4.5  | 9.4               | 7.5  | 10.5 | 73.2             | 71.5 | 75.6 | 2.2                   | 1.9  | 2.6  |
| 80                                                                             | Region 33  | 3.9           | 3.5  | 4.6  | 8.5               | 7.3  | 9.6  | 74.4             | 72.3 | 75.8 | 2.1                   | 1.8  | 2.3  |
| 59                                                                             | Region 34  | 3.9           | 3.4  | 4.7  | 8.9               | 7.4  | 10.9 | 74.4             | 71.4 | 77.3 | 2.1                   | 1.8  | 2.5  |
| 17                                                                             | Region 35  | 4.1           | 3.9  | 4.6  | 8.9               | 7.1  | 10.6 | 73.8             | 70.7 | 75.9 | 2.2                   | 2.1  | 2.4  |
| 39                                                                             | Region 36  | 3.9           | 3.5  | 4.5  | 8.3               | 7.5  | 9.6  | 74.8             | 72.9 | 76.6 | 2.1                   | 2.0  | 2.3  |
| 1000                                                                           | Ave. white | 3.9           |      |      | 9.1               |      |      | 73.9             |      |      | 2.2                   |      |      |
|                                                                                | Min. white |               | 3.2  |      |                   | 6.7  |      |                  | 70.0 |      |                       | 1.8  |      |
|                                                                                | Max. white |               |      | 5.2  |                   |      | 11.6 |                  |      | 77.4 |                       |      | 2.6  |