

TABLE 17: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE ACCORDING TO GRADE (2022/23)

| Number of samples | Region | Roff Milling | | | | | | | | | | | | Whiteness index | | | | | | | | | | | |
|-------------------|-----------|--------------|------|------|------------|------|------|------------|------|------|----------|------|------|-----------------|------|------|----------------------------|------|------|--------------------------|------|------|------------------------------|------|------|
| | | Break 1, % | | | Break 2, % | | | Break 3, % | | | Grits, % | | | Chop, % | | | Extraction, % (Total meal) | | | Whiteness index unsifted | | | Whiteness index sifted 87:13 | | |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| GRADE: WM1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Region 12 | 14.7 | 13.4 | 16.6 | 8.4 | 7.6 | 9.3 | 10.3 | 8.5 | 10.9 | 43.6 | 40.4 | 46.2 | 22.9 | 21.0 | 25.2 | 77.1 | 74.8 | 79.0 | 40.4 | 38.2 | 42.7 | 37.5 | 34.8 | 41.1 |
| 18 | Region 13 | 15.3 | 11.5 | 18.4 | 8.5 | 7.3 | 9.7 | 10.0 | 8.9 | 11.3 | 42.5 | 36.7 | 47.2 | 23.7 | 21.5 | 26.3 | 76.3 | 73.7 | 78.5 | 41.6 | 36.7 | 45.7 | 38.5 | 34.3 | 44.2 |
| 38 | Region 14 | 16.2 | 11.7 | 19.5 | 8.9 | 8.1 | 10.4 | 10.6 | 8.9 | 12.4 | 41.5 | 32.9 | 45.7 | 22.8 | 20.9 | 28.9 | 77.2 | 71.1 | 79.1 | 42.6 | 38.2 | 45.3 | 38.8 | 32.3 | 44.4 |
| 3 | Region 15 | 15.0 | 14.5 | 15.4 | 9.1 | 9.0 | 9.2 | 11.7 | 11.1 | 12.1 | 41.6 | 41.5 | 41.8 | 22.6 | 21.8 | 23.6 | 77.4 | 76.4 | 78.2 | 42.1 | 41.3 | 42.5 | 37.5 | 36.9 | 38.0 |
| 3 | Region 16 | 15.1 | 14.4 | 16.7 | 8.8 | 8.7 | 8.9 | 10.7 | 10.3 | 11.2 | 44.3 | 41.9 | 45.6 | 20.9 | 20.7 | 21.2 | 79.1 | 78.8 | 79.3 | 41.1 | 40.2 | 42.0 | 36.1 | 35.0 | 36.9 |
| 24 | Region 17 | 16.2 | 14.4 | 18.9 | 8.8 | 8.0 | 9.6 | 10.6 | 9.2 | 12.0 | 41.3 | 37.1 | 44.7 | 23.1 | 21.6 | 25.2 | 76.9 | 74.8 | 78.4 | 43.8 | 40.4 | 47.0 | 40.8 | 36.8 | 46.3 |
| 15 | Region 18 | 14.3 | 12.2 | 16.5 | 8.4 | 7.2 | 9.4 | 10.6 | 9.6 | 11.7 | 43.2 | 40.2 | 46.0 | 23.5 | 21.5 | 25.1 | 76.5 | 74.9 | 78.5 | 42.0 | 38.4 | 44.7 | 38.6 | 35.0 | 45.2 |
| 20 | Region 19 | 14.6 | 11.0 | 17.8 | 8.4 | 7.5 | 9.6 | 10.5 | 9.3 | 11.2 | 42.7 | 36.8 | 50.7 | 23.8 | 21.1 | 26.6 | 76.2 | 73.4 | 78.9 | 41.8 | 35.4 | 47.9 | 38.2 | 32.5 | 43.8 |
| 20 | Region 20 | 14.2 | 11.9 | 16.9 | 8.3 | 7.6 | 9.6 | 10.1 | 8.6 | 11.4 | 44.4 | 38.0 | 48.3 | 23.0 | 21.9 | 24.3 | 77.0 | 75.7 | 78.1 | 39.9 | 36.5 | 44.3 | 36.9 | 31.4 | 41.1 |
| 12 | Region 21 | 14.3 | 9.3 | 16.4 | 8.5 | 7.3 | 9.4 | 10.5 | 9.2 | 11.4 | 43.3 | 39.3 | 50.8 | 23.4 | 21.4 | 25.8 | 76.6 | 74.2 | 78.6 | 41.2 | 35.4 | 44.1 | 38.0 | 33.1 | 40.8 |
| 5 | Region 22 | 15.6 | 14.1 | 16.7 | 9.1 | 8.7 | 9.5 | 11.0 | 9.9 | 11.8 | 41.3 | 39.1 | 43.7 | 23.1 | 22.0 | 25.3 | 76.9 | 74.7 | 78.0 | 40.9 | 39.9 | 41.9 | 38.0 | 35.0 | 40.0 |
| 19 | Region 23 | 15.1 | 13.5 | 16.3 | 8.6 | 8.0 | 9.3 | 11.2 | 10.3 | 11.9 | 43.0 | 40.1 | 45.7 | 22.2 | 20.1 | 25.0 | 77.8 | 75.0 | 79.9 | 40.8 | 37.3 | 44.1 | 36.8 | 32.8 | 40.7 |
| 27 | Region 24 | 16.4 | 13.8 | 20.8 | 8.8 | 7.8 | 9.8 | 10.7 | 8.8 | 12.3 | 41.1 | 33.0 | 45.5 | 23.0 | 19.4 | 27.3 | 76.9 | 72.7 | 80.6 | 41.7 | 36.2 | 45.8 | 38.3 | 32.0 | 42.2 |
| 3 | Region 25 | 15.9 | 15.0 | 17.2 | 8.9 | 8.7 | 9.1 | 10.6 | 10.3 | 10.9 | 40.5 | 38.7 | 41.4 | 24.0 | 24.0 | 24.2 | 76.0 | 75.8 | 76.0 | 41.9 | 39.3 | 43.3 | 39.5 | 36.4 | 41.4 |
| 7 | Region 26 | 16.3 | 13.3 | 21.0 | 8.6 | 7.9 | 9.3 | 11.0 | 10.6 | 11.5 | 40.6 | 33.3 | 44.3 | 23.5 | 21.7 | 25.2 | 76.5 | 74.8 | 78.3 | 40.8 | 36.9 | 46.5 | 37.4 | 33.6 | 42.2 |
| 3 | Region 27 | 14.2 | 13.5 | 15.4 | 8.8 | 7.8 | 9.5 | 11.6 | 10.4 | 12.5 | 42.7 | 39.9 | 44.5 | 22.7 | 20.3 | 24.4 | 77.3 | 75.6 | 79.7 | 40.6 | 37.5 | 44.2 | 36.3 | 32.0 | 40.3 |
| 9 | Region 28 | 13.7 | 10.9 | 16.1 | 8.2 | 7.2 | 9.5 | 10.9 | 10.3 | 11.4 | 44.7 | 40.4 | 49.9 | 22.5 | 20.6 | 25.5 | 77.5 | 74.5 | 79.4 | 39.2 | 36.1 | 41.8 | 35.6 | 31.1 | 41.1 |
| 15 | Region 29 | 13.8 | 10.3 | 15.2 | 8.2 | 7.5 | 9.1 | 10.8 | 9.2 | 12.0 | 45.0 | 41.7 | 49.9 | 22.3 | 20.9 | 24.4 | 77.7 | 75.6 | 79.1 | 38.9 | 34.4 | 40.6 | 35.2 | 30.1 | 37.5 |
| 20 | Region 30 | 14.0 | 12.0 | 16.5 | 8.3 | 7.6 | 9.2 | 10.9 | 9.4 | 12.1 | 44.6 | 38.8 | 48.9 | 22.1 | 19.0 | 25.4 | 77.9 | 74.6 | 81.0 | 37.5 | 33.4 | 41.0 | 33.1 | 28.2 | 37.6 |
| 11 | Region 31 | 13.0 | 11.3 | 14.4 | 8.0 | 7.2 | 8.7 | 11.2 | 9.6 | 12.3 | 44.7 | 43.0 | 46.7 | 23.1 | 21.0 | 25.1 | 76.9 | 74.9 | 79.0 | 37.7 | 34.4 | 40.7 | 34.0 | 27.9 | 37.5 |
| 9 | Region 32 | 13.4 | 11.8 | 15.7 | 8.5 | 7.8 | 9.5 | 11.3 | 9.3 | 13.0 | 44.3 | 41.5 | 47.5 | 22.6 | 20.7 | 26.7 | 77.4 | 73.3 | 79.3 | 37.5 | 34.7 | 41.6 | 33.3 | 26.7 | 41.1 |
| 33 | Region 33 | 13.9 | 12.1 | 17.1 | 8.4 | 7.1 | 10.0 | 10.5 | 9.2 | 12.6 | 44.7 | 39.4 | 48.3 | 22.6 | 20.6 | 24.3 | 77.4 | 75.7 | 79.4 | 39.2 | 33.4 | 44.0 | 35.2 | 29.1 | 42.6 |
| 19 | Region 34 | 14.6 | 10.1 | 18.6 | 8.6 | 7.0 | 10.1 | 11.1 | 9.5 | 12.7 | 42.8 | 37.2 | 49.6 | 22.9 | 20.7 | 26.8 | 77.1 | 73.2 | 79.3 | 39.8 | 31.7 | 46.4 | 36.0 | 24.3 | 43.3 |
| 8 | Region 35 | 14.4 | 11.7 | 18.0 | 8.6 | 8.0 | 9.2 | 10.9 | 9.8 | 11.7 | 43.6 | 37.7 | 48.3 | 22.5 | 20.8 | 25.3 | 77.5 | 74.7 | 79.2 | 39.8 | 32.5 | 44.7 | 36.0 | 28.6 | 39.7 |
| 10 | Region 36 | 14.0 | 12.2 | 16.1 | 8.0 | 7.5 | 9.1 | 10.8 | 10.1 | 11.5 | 43.5 | 38.0 | 46.9 | 23.7 | 22.1 | 26.2 | 76.3 | 73.8 | 77.9 | 39.6 | 36.5 | 44.3 | 36.2 | 32.8 | 41.4 |
| 363 | Ave. WM1 | 14.8 | | | 8.5 | 7.0 | 10.4 | 10.7 | 8.5 | 13.0 | 43.0 | 32.9 | 50.8 | 22.9 | 19.0 | 28.9 | 77.1 | 77.1 | 81.0 | 40.6 | 31.7 | 47.9 | 37.0 | 24.3 | 46.3 |
| | Min. WM1 | | 9.3 | | | | | | | | | | | | | | | | | | | | | | |
| | Max. WM1 | | | 21.0 | | | | | | | | | | | | | | | | | | | | | |

TABLE 17: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE ACCORDING TO GRADE (2022/23)
(continue)

| Number of samples | Region | Roff Milling | | | | | | | | | | | | Whiteness index | | | | | | | | | | | |
|-------------------|-----------|--------------|------|------|------------|------|------|------------|------|------|----------|------|------|-----------------|------|------|----------------------------|------|------|--------------------------|------|------|------------------------------|------|------|
| | | Break 1, % | | | Break 2, % | | | Break 3, % | | | Grits, % | | | Chop, % | | | Extraction, % (Total meal) | | | Whiteness index unsifted | | | Whiteness index sifted 87:13 | | |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| GRADE: WM2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Region 11 | 11.5 | - | - | 8.4 | - | - | 12.2 | - | - | 47.0 | - | - | 21.0 | - | - | 79.0 | - | - | 33.4 | - | - | 30.1 | - | - |
| 3 | Region 12 | 14.6 | 14.2 | 14.9 | 8.6 | 8.2 | 8.9 | 10.2 | 9.3 | 10.7 | 43.2 | 39.8 | 44.9 | 23.4 | 21.0 | 26.4 | 76.6 | 73.6 | 79.0 | 40.2 | 39.8 | 41.1 | 38.7 | 37.3 | 40.1 |
| 6 | Region 13 | 17.0 | 15.8 | 19.7 | 9.1 | 8.7 | 9.6 | 10.6 | 8.7 | 11.3 | 38.9 | 36.6 | 40.6 | 24.4 | 23.3 | 26.7 | 75.6 | 73.3 | 76.7 | 43.4 | 41.0 | 45.5 | 41.3 | 37.7 | 45.0 |
| 4 | Region 14 | 14.6 | 10.1 | 17.9 | 8.4 | 7.6 | 9.8 | 10.6 | 9.7 | 11.5 | 43.9 | 37.4 | 49.9 | 22.6 | 21.7 | 23.6 | 77.4 | 76.4 | 78.3 | 40.3 | 36.6 | 42.5 | 38.0 | 33.8 | 41.7 |
| 1 | Region 15 | 14.7 | - | - | 9.8 | - | - | 11.1 | - | - | 41.0 | - | - | 23.4 | - | - | 76.6 | - | - | 43.3 | - | - | 43.9 | - | - |
| 4 | Region 16 | 15.3 | 14.2 | 16.6 | 9.0 | 8.7 | 9.2 | 10.1 | 9.6 | 10.5 | 42.9 | 40.9 | 45.1 | 22.7 | 21.6 | 23.6 | 77.3 | 76.4 | 78.4 | 41.8 | 39.0 | 45.7 | 37.8 | 35.4 | 43.5 |
| 7 | Region 17 | 14.9 | 13.1 | 17.3 | 8.5 | 7.8 | 9.3 | 10.5 | 9.9 | 11.6 | 42.3 | 39.4 | 45.2 | 23.7 | 22.4 | 25.4 | 76.3 | 74.6 | 77.6 | 41.0 | 37.7 | 46.2 | 39.0 | 34.9 | 44.9 |
| 4 | Region 18 | 15.9 | 15.6 | 16.3 | 8.9 | 8.6 | 9.5 | 10.2 | 8.5 | 11.4 | 41.4 | 39.8 | 43.3 | 23.6 | 22.8 | 23.9 | 76.4 | 76.1 | 77.2 | 42.5 | 38.3 | 45.2 | 41.0 | 33.6 | 45.1 |
| 5 | Region 19 | 16.0 | 13.5 | 18.0 | 8.4 | 7.7 | 8.8 | 9.4 | 8.3 | 10.6 | 41.1 | 36.9 | 45.2 | 25.0 | 22.8 | 27.2 | 75.0 | 72.8 | 77.2 | 43.1 | 41.2 | 45.9 | 41.4 | 38.2 | 46.7 |
| 7 | Region 21 | 15.6 | 14.9 | 16.7 | 8.5 | 8.0 | 9.3 | 10.5 | 9.2 | 11.5 | 41.0 | 38.4 | 45.2 | 24.4 | 22.1 | 27.1 | 75.6 | 72.9 | 77.9 | 42.2 | 39.7 | 44.0 | 40.2 | 36.4 | 43.6 |
| 1 | Region 22 | 13.8 | - | - | 9.1 | - | - | 11.0 | - | - | 44.8 | - | - | 21.3 | - | - | 78.7 | - | - | 41.2 | - | - | 34.7 | - | - |
| 6 | Region 23 | 14.4 | 13.5 | 15.3 | 8.8 | 8.2 | 9.3 | 10.5 | 9.8 | 11.4 | 44.0 | 42.3 | 45.8 | 22.3 | 20.4 | 24.0 | 77.7 | 76.0 | 79.6 | 40.7 | 39.0 | 41.8 | 37.0 | 35.1 | 38.6 |
| 5 | Region 24 | 14.8 | 13.9 | 15.7 | 8.6 | 8.3 | 8.9 | 10.3 | 9.2 | 11.1 | 41.5 | 38.3 | 44.7 | 24.7 | 21.7 | 27.2 | 75.3 | 72.8 | 78.3 | 41.3 | 37.2 | 43.9 | 35.3 | 30.1 | 40.5 |
| 1 | Region 25 | 16.4 | - | - | 8.9 | - | - | 10.0 | - | - | 36.6 | - | - | 28.2 | - | - | 71.8 | - | - | 41.2 | - | - | 39.3 | - | - |
| 2 | Region 27 | 13.2 | 12.3 | 14.1 | 7.5 | 7.3 | 7.7 | 10.5 | 10.4 | 10.5 | 43.3 | 41.9 | 44.8 | 25.5 | 25.1 | 25.8 | 74.5 | 74.2 | 74.9 | 40.5 | 40.4 | 40.6 | 34.9 | 33.5 | 36.3 |
| 2 | Region 28 | 15.2 | 14.9 | 15.6 | 9.0 | 8.8 | 9.2 | 11.5 | 11.4 | 11.6 | 42.7 | 40.8 | 44.6 | 21.6 | 20.2 | 23.0 | 78.4 | 77.0 | 79.8 | 40.2 | 39.5 | 41.0 | 34.2 | 33.7 | 34.7 |
| 5 | Region 29 | 12.3 | 10.2 | 13.3 | 7.9 | 7.7 | 8.1 | 11.0 | 10.3 | 11.8 | 46.3 | 44.5 | 48.2 | 22.5 | 21.7 | 23.4 | 77.5 | 76.6 | 78.3 | 34.8 | 29.0 | 39.1 | 29.9 | 24.1 | 34.4 |
| 9 | Region 30 | 14.8 | 12.2 | 17.6 | 8.6 | 7.6 | 9.5 | 10.9 | 9.4 | 12.4 | 43.1 | 38.5 | 46.7 | 22.5 | 19.1 | 24.5 | 77.5 | 75.5 | 80.9 | 36.1 | 28.1 | 39.2 | 31.9 | 25.4 | 37.8 |
| 1 | Region 31 | 12.9 | - | - | 7.6 | - | - | 9.8 | - | - | 47.6 | - | - | 22.1 | - | - | 77.9 | - | - | 37.8 | - | - | 34.7 | - | - |
| 2 | Region 32 | 14.4 | 11.2 | 17.6 | 8.2 | 7.4 | 8.9 | 10.5 | 8.9 | 12.1 | 42.8 | 36.1 | 49.5 | 24.2 | 23.0 | 25.3 | 75.8 | 74.7 | 77.0 | 38.3 | 36.3 | 40.4 | 32.7 | 31.1 | 34.4 |
| 7 | Region 33 | 13.4 | 12.2 | 15.1 | 8.3 | 7.7 | 8.8 | 10.6 | 9.4 | 12.4 | 45.0 | 42.3 | 48.3 | 22.7 | 21.2 | 24.2 | 77.3 | 75.8 | 78.8 | 35.4 | 33.2 | 40.1 | 31.1 | 27.4 | 36.4 |
| 6 | Region 34 | 13.9 | 10.0 | 15.0 | 8.5 | 7.9 | 9.3 | 10.7 | 9.3 | 12.0 | 43.8 | 39.6 | 51.0 | 23.2 | 20.8 | 27.1 | 76.8 | 72.9 | 79.2 | 39.0 | 32.8 | 42.2 | 34.0 | 28.0 | 38.9 |
| 1 | Region 36 | 12.8 | - | - | 7.6 | - | - | 10.6 | - | - | 45.8 | - | - | 23.2 | - | - | 76.8 | - | - | 37.5 | 37.5 | 37.5 | 31.9 | - | - |
| 90 | Ave. WM2 | 14.7 | | | 8.6 | | | 10.5 | | | 42.8 | | | 23.4 | | | 76.6 | | | 39.8 | | | 36.3 | | |
| | Min. WM2 | 10.0 | | | 7.3 | | | 8.3 | | | 36.1 | | | 19.1 | | | 71.8 | | | 28.1 | | | 24.1 | | |
| | Max. WM2 | 19.7 | | | 9.8 | | | 12.4 | | | 51.0 | | | 28.2 | | | 80.9 | | | 46.2 | | | 46.7 | | |

TABLE 17: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE ACCORDING TO GRADE (2022/23)
(continue)

| Number of samples | Region | Roff Milling | | | | | | | | | | | | Whiteness index | | | | | | | | | | | |
|-------------------|-----------|--------------|------|------|------------|------|------|------------|------|------|----------|------|------|-----------------|------|------|----------------------------|------|------|--------------------------|------|------|------------------------------|------|------|
| | | Break 1, % | | | Break 2, % | | | Break 3, % | | | Grits, % | | | Chop, % | | | Extraction, % (Total meal) | | | Whiteness index unsifted | | | Whiteness index sifted 87:13 | | |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| GRADE: WM3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Region 12 | 14.5 | 14.0 | 14.8 | 8.5 | 8.3 | 8.7 | 10.4 | 9.8 | 11.1 | 42.9 | 42.3 | 44.1 | 23.7 | 22.9 | 25.0 | 76.3 | 75.0 | 77.1 | 38.2 | 35.9 | 39.4 | 34.8 | 33.8 | 35.7 |
| 2 | Region 13 | 16.4 | 16.2 | 16.7 | 8.9 | 8.7 | 9.1 | 10.9 | 10.4 | 11.5 | 38.9 | 38.5 | 39.3 | 24.9 | 24.3 | 25.4 | 75.1 | 74.6 | 75.7 | 40.0 | 37.8 | 42.2 | 35.6 | 32.5 | 38.8 |
| 3 | Region 14 | 16.3 | 15.6 | 17.3 | 9.0 | 8.6 | 9.3 | 10.3 | 10.0 | 11.0 | 41.1 | 38.1 | 43.0 | 23.3 | 20.8 | 27.6 | 76.7 | 72.4 | 79.2 | 40.1 | 38.0 | 43.8 | 36.3 | 33.3 | 41.5 |
| 2 | Region 17 | 16.4 | 16.0 | 16.7 | 8.8 | 8.6 | 9.0 | 10.1 | 9.7 | 10.4 | 42.5 | 41.3 | 43.6 | 22.3 | 22.0 | 22.5 | 77.7 | 77.5 | 78.0 | 43.7 | 43.0 | 44.4 | 38.2 | 38.1 | 38.3 |
| 2 | Region 19 | 12.1 | 10.8 | 13.4 | 7.7 | 7.6 | 7.8 | 10.5 | 10.4 | 10.6 | 45.7 | 43.5 | 47.9 | 24.0 | 22.9 | 25.2 | 76.0 | 74.8 | 77.1 | 34.3 | 31.3 | 37.2 | 30.3 | 26.7 | 33.8 |
| 2 | Region 20 | 14.2 | 13.0 | 15.5 | 8.5 | 8.1 | 8.9 | 10.5 | 10.3 | 10.7 | 41.3 | 37.5 | 45.0 | 25.5 | 23.6 | 27.4 | 74.5 | 72.6 | 76.4 | 40.5 | 39.5 | 41.4 | 36.6 | 35.8 | 37.3 |
| 1 | Region 21 | 14.9 | - | - | 9.3 | - | - | 10.8 | - | - | 43.0 | - | - | 22.0 | - | - | 78.0 | - | - | 39.5 | - | - | 32.3 | - | - |
| 1 | Region 22 | 15.8 | 15.8 | 15.8 | 9.3 | 9.3 | 9.3 | 10.6 | 10.6 | 10.6 | 40.1 | 40.1 | 40.1 | 24.1 | 24.1 | 24.1 | 75.9 | 75.9 | 75.9 | 37.8 | 37.8 | 37.8 | 31.8 | 31.8 | 31.8 |
| 2 | Region 23 | 16.5 | 16.1 | 16.9 | 8.9 | 8.7 | 9.2 | 11.2 | 11.1 | 11.4 | 41.0 | 39.7 | 42.3 | 22.4 | 20.3 | 24.5 | 77.6 | 75.5 | 79.7 | 42.7 | 41.7 | 43.7 | 38.0 | 34.6 | 41.3 |
| 1 | Region 24 | 17.9 | - | - | 9.0 | - | - | 9.7 | - | - | 36.0 | - | - | 27.3 | - | - | 72.7 | - | - | 40.4 | - | - | 40.0 | - | - |
| 2 | Region 30 | 12.6 | 12.2 | 12.9 | 8.0 | 7.5 | 8.6 | 10.7 | 9.8 | 11.5 | 45.6 | 41.8 | 49.4 | 23.1 | 21.0 | 25.2 | 76.9 | 74.8 | 79.0 | 35.5 | 33.4 | 37.6 | 30.1 | 27.7 | 32.4 |
| 1 | Region 32 | 16.3 | - | - | 8.7 | - | - | 9.8 | - | - | 42.7 | - | - | 22.5 | - | - | 77.5 | - | - | 44.0 | - | - | 41.5 | - | - |
| 1 | Region 34 | 14.6 | - | - | 7.8 | - | - | 10.4 | - | - | 42.3 | - | - | 24.8 | - | - | 75.2 | - | - | 40.5 | - | - | 37.8 | - | - |
| 1 | Region 35 | 15.5 | - | - | 9.5 | - | - | 11.0 | - | - | 39.6 | - | - | 24.3 | - | - | 75.7 | - | - | 43.6 | - | - | 39.8 | - | - |
| 1 | Region 36 | 13.2 | - | - | 7.4 | - | - | 11.0 | - | - | 44.8 | - | - | 23.6 | - | - | 76.4 | - | - | 39.2 | - | - | 36.6 | - | - |
| 25 | Ave. WM3 | 15.1 | | | 8.6 | | | 10.5 | | | 42.0 | | | 23.7 | | | 76.3 | | | 39.7 | | | 35.6 | | |
| | Min. WM3 | 10.8 | | | 7.4 | | | 9.7 | | | 36.0 | | | 20.3 | | | 72.4 | | | 31.3 | | | 26.7 | | |
| | Max. WM3 | 17.9 | | | 9.5 | | | 11.5 | | | 49.4 | | | 27.6 | | | 79.7 | | | 44.4 | | | 41.5 | | |

TABLE 17: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE ACCORDING TO GRADE (2022/23)
(continue)

| Number of samples | Region | Roff Milling | | | | | | | | | | | | Whiteness index | | | | | | | | | | | |
|-------------------|-----------|--------------|------|------|------------|------|------|------------|------|------|----------|------|------|-----------------|------|------|----------------------------|------|------|--------------------------|------|------|------------------------------|------|------|
| | | Break 1, % | | | Break 2, % | | | Break 3, % | | | Grits, % | | | Chop, % | | | Extraction, % (Total meal) | | | Whiteness index unsifted | | | Whiteness index sifted 87:13 | | |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| CLASS: COM | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Region 12 | 14.4 | - | - | 8.1 | - | - | 11.1 | - | - | 44.0 | - | - | 22.5 | - | - | 77.5 | - | - | 36.8 | - | - | 33.8 | - | - |
| 1 | Region 13 | 16.7 | - | - | 8.7 | - | - | 8.9 | - | - | 42.7 | - | - | 23.0 | - | - | 77.0 | - | - | 42.8 | - | - | 39.9 | - | - |
| 2 | Region 14 | 15.7 | 14.4 | 16.9 | 8.4 | 8.0 | 8.8 | 10.7 | 10.0 | 11.4 | 43.2 | 41.0 | 45.4 | 22.1 | 21.9 | 22.3 | 77.9 | 77.7 | 78.1 | 41.2 | 40.5 | 41.9 | 38.2 | 37.1 | 39.2 |
| 1 | Region 16 | 15.6 | - | - | 8.8 | - | - | 10.2 | - | - | 42.6 | - | - | 22.8 | - | - | 77.2 | - | - | 43.1 | - | - | 37.7 | - | - |
| 1 | Region 17 | 17.1 | - | - | 8.8 | - | - | 10.0 | - | - | 41.6 | - | - | 22.5 | - | - | 77.5 | - | - | 46.1 | - | - | 44.4 | - | - |
| 4 | Region 19 | 16.2 | 15.6 | 17.3 | 8.8 | 8.6 | 9.0 | 10.4 | 9.6 | 11.4 | 39.4 | 34.9 | 42.3 | 25.2 | 23.1 | 28.9 | 74.8 | 71.1 | 76.9 | 45.1 | 42.4 | 47.7 | 42.2 | 38.2 | 46.1 |
| 1 | Region 20 | 13.8 | - | - | 8.8 | - | - | 10.3 | - | - | 40.8 | - | - | 26.3 | - | - | 73.7 | - | - | 30.0 | - | - | 23.8 | - | - |
| 12 | Region 21 | 15.7 | 12.9 | 17.2 | 8.8 | 8.3 | 9.9 | 10.6 | 9.9 | 11.3 | 39.6 | 35.5 | 44.6 | 25.4 | 22.9 | 27.1 | 74.6 | 72.9 | 77.1 | 43.3 | 41.0 | 46.0 | 39.3 | 35.6 | 42.5 |
| 1 | Region 22 | 16.3 | - | - | 9.5 | - | - | 10.3 | - | - | 40.9 | - | - | 23.1 | - | - | 76.9 | - | - | 18.7 | - | - | 14.7 | - | - |
| 2 | Region 23 | 15.2 | 14.1 | 16.4 | 9.0 | 9.0 | 9.1 | 10.7 | 10.2 | 11.1 | 42.2 | 42.0 | 42.4 | 22.9 | 21.0 | 24.8 | 77.1 | 75.2 | 79.0 | 41.4 | 41.2 | 41.7 | 38.3 | 36.3 | 40.2 |
| 4 | Region 24 | 15.9 | 14.5 | 16.8 | 8.7 | 8.2 | 9.1 | 11.3 | 11.1 | 11.6 | 42.1 | 40.1 | 44.7 | 22.1 | 20.6 | 23.8 | 77.9 | 76.2 | 79.4 | 40.5 | 35.3 | 42.9 | 35.8 | 31.4 | 38.8 |
| 2 | Region 26 | 16.0 | 15.4 | 16.6 | 8.9 | 8.6 | 9.2 | 10.4 | 10.2 | 10.5 | 38.4 | 37.1 | 39.6 | 26.3 | 25.8 | 26.8 | 73.7 | 73.2 | 74.2 | 39.6 | 37.2 | 42.1 | 35.6 | 32.5 | 38.6 |
| 1 | Region 30 | 12.2 | - | - | 8.9 | - | - | 10.8 | - | - | 45.3 | - | - | 22.8 | - | - | 77.2 | - | - | 38.2 | - | - | 37.7 | - | - |
| 1 | Region 33 | 16.8 | - | - | 8.8 | - | - | 12.0 | - | - | 41.4 | - | - | 21.1 | - | - | 78.9 | - | - | 40.6 | - | - | 36.9 | - | - |
| 5 | Region 34 | 13.3 | 10.7 | 15.3 | 8.3 | 7.3 | 8.9 | 10.7 | 10.2 | 11.1 | 45.1 | 43.1 | 47.9 | 22.6 | 21.1 | 24.8 | 77.4 | 75.2 | 78.9 | 39.1 | 35.1 | 45.1 | 35.2 | 30.0 | 42.7 |
| 1 | Region 35 | 15.0 | - | - | 8.9 | - | - | 12.0 | - | - | 41.5 | - | - | 22.6 | - | - | 77.4 | - | - | 40.1 | - | - | 36.2 | - | - |
| 2 | Region 36 | 14.4 | 13.9 | 14.8 | 8.1 | 8.0 | 8.1 | 10.9 | 10.6 | 11.2 | 39.5 | 38.8 | 40.3 | 27.2 | 25.8 | 28.6 | 72.8 | 71.4 | 74.2 | 33.8 | 31.6 | 36.0 | 30.9 | 28.5 | 33.3 |
| 42 | Ave. COM | 15.3 | | | 8.7 | | | 10.7 | 8.9 | | 41.3 | | | 24.1 | | | 75.9 | 71.1 | | 40.6 | | | 36.9 | | |
| | Min. COM | | 10.7 | | 7.3 | | | 8.9 | | 12.0 | 34.9 | | 47.9 | 20.6 | | 28.9 | | | 79.4 | 18.7 | | 47.7 | 14.7 | | 46.1 |
| | Max. COM | | | 17.3 | | 9.9 | | | | | | | | | | | | | | | | | | | |
| 520 | Ave. WM | 14.9 | | | 8.5 | | | 10.7 | 8.3 | | 42.8 | | 51.0 | 23.1 | | 19.0 | 76.9 | 71.1 | | 40.4 | | 18.7 | 36.8 | | 14.7 |
| | Min. WM | | 9.3 | | 7.0 | | | 8.3 | | 13.0 | 32.9 | | | | | | | | | | | | | | |
| | Max. WM | | | 21.0 | | 10.4 | | | | | | | | | | | | | | | | | | | 46.7 |