



**TABLE 30: BÜHLER MCKA MILLING AND WHITENESS INDEX**

| Number of samples | Region     | MCKA              |      |      |                   |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|------------|-------------------|------|------|-------------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                   |            | DEGERMER OVERS, % |      |      | DEGERMER THRUS, % |      |       | B1,% |      |      | B2,% |      |      | B3,% |      |      | C1,% |      |      | C2,% |      |      | C3,% |      |      |
|                   |            | ave.              | min. | max. | ave.              | min. | max.  | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| WHITE             |            |                   |      |      |                   |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 2                 | Region 11  | 21.3              | 20.7 | 21.8 | 78.3              | 77.8 | 78.9  | 12.1 | 12.0 | 12.3 | 7.1  | 6.7  | 7.4  | 1.6  | 1.6  | 1.7  | 40.7 | 40.3 | 41.0 | 1.0  | 0.9  | 1.2  | 0.4  | 0.3  | 0.5  |
| 7                 | Region 14  | 19.3              | 15.8 | 24.0 | 83.0              | 78.1 | 85.6  | 14.2 | 13.0 | 16.2 | 8.1  | 7.5  | 8.5  | 1.6  | 1.5  | 1.8  | 41.1 | 38.9 | 42.9 | 0.9  | 0.8  | 1.1  | 0.4  | 0.3  | 0.4  |
| 31                | Region 15  | 16.5              | 12.0 | 20.3 | 86.7              | 82.4 | 92.2  | 14.1 | 12.1 | 15.8 | 8.2  | 7.4  | 9.0  | 1.7  | 1.3  | 2.3  | 42.5 | 39.9 | 45.1 | 1.0  | 0.6  | 2.0  | 0.3  | 0.1  | 0.5  |
| 11                | Region 16  | 18.0              | 12.3 | 27.9 | 85.0              | 75.8 | 90.9  | 13.5 | 12.2 | 15.3 | 7.7  | 6.7  | 8.4  | 1.7  | 0.9  | 2.2  | 41.4 | 36.6 | 44.6 | 1.0  | 0.7  | 1.5  | 0.3  | 0.2  | 0.3  |
| 4                 | Region 17  | 21.7              | 20.8 | 22.6 | 80.6              | 79.9 | 81.9  | 14.9 | 13.7 | 15.8 | 7.6  | 7.2  | 8.2  | 1.7  | 1.4  | 2.0  | 38.9 | 37.9 | 41.5 | 0.9  | 0.7  | 1.1  | 0.3  | 0.3  | 0.4  |
| 13                | Region 18  | 20.2              | 16.5 | 25.8 | 83.6              | 74.6 | 104.0 | 13.4 | 12.4 | 18.5 | 7.7  | 6.4  | 8.4  | 1.9  | 1.5  | 2.6  | 40.2 | 34.8 | 42.9 | 0.9  | 0.6  | 1.3  | 0.3  | 0.2  | 0.5  |
| 12                | Region 21  | 20.5              | 13.1 | 27.8 | 82.6              | 76.2 | 87.8  | 13.1 | 11.0 | 14.5 | 7.8  | 7.0  | 8.7  | 1.6  | 1.4  | 2.1  | 40.6 | 35.6 | 43.8 | 1.0  | 0.7  | 1.5  | 0.4  | 0.3  | 0.5  |
| 9                 | Region 22  | 16.0              | 14.4 | 19.4 | 86.5              | 83.5 | 88.0  | 13.7 | 12.8 | 14.9 | 8.3  | 7.6  | 9.4  | 1.8  | 1.6  | 2.0  | 43.6 | 42.0 | 45.7 | 1.0  | 0.8  | 1.4  | 0.3  | 0.2  | 0.4  |
| 43                | Region 23  | 18.3              | 14.3 | 24.2 | 84.2              | 77.9 | 89.3  | 13.2 | 11.7 | 16.1 | 7.9  | 7.3  | 9.2  | 1.8  | 1.5  | 2.2  | 42.0 | 38.7 | 45.9 | 1.1  | 0.7  | 1.9  | 0.3  | 0.2  | 0.6  |
| 45                | Region 24  | 19.8              | 10.0 | 30.4 | 83.0              | 74.5 | 93.1  | 13.7 | 11.3 | 16.4 | 8.1  | 6.2  | 10.0 | 1.8  | 1.4  | 4.6  | 40.7 | 28.3 | 46.2 | 1.0  | 0.5  | 1.4  | 0.3  | 0.2  | 0.7  |
| 3                 | Region 25  | 17.8              | 13.8 | 22.2 | 83.4              | 76.8 | 88.6  | 13.3 | 12.3 | 14.1 | 8.1  | 7.7  | 8.5  | 1.8  | 1.7  | 2.1  | 42.0 | 39.5 | 43.3 | 0.9  | 0.6  | 1.3  | 0.4  | 0.2  | 0.5  |
| 12                | Region 26  | 20.2              | 8.5  | 32.0 | 82.7              | 72.8 | 94.0  | 13.5 | 12.0 | 15.4 | 8.0  | 6.7  | 8.7  | 1.5  | 1.3  | 1.9  | 40.7 | 32.7 | 47.6 | 0.9  | 0.6  | 1.5  | 0.4  | 0.3  | 0.5  |
| 11                | Region 27  | 16.4              | 11.6 | 22.3 | 86.1              | 81.5 | 90.6  | 13.2 | 11.4 | 15.6 | 8.4  | 7.7  | 8.9  | 1.8  | 1.6  | 2.0  | 43.8 | 39.9 | 46.7 | 0.9  | 0.7  | 1.1  | 0.4  | 0.3  | 0.6  |
| 20                | Region 28  | 22.5              | 17.5 | 31.5 | 80.4              | 74.3 | 85.2  | 13.1 | 10.6 | 15.5 | 7.9  | 6.7  | 8.8  | 1.6  | 1.3  | 2.3  | 39.7 | 30.3 | 43.8 | 0.9  | 0.6  | 1.1  | 0.4  | 0.3  | 0.5  |
| 28                | Region 29  | 20.9              | 11.2 | 24.3 | 81.3              | 76.2 | 92.9  | 12.1 | 10.5 | 14.1 | 8.1  | 7.1  | 9.2  | 1.7  | 1.4  | 2.2  | 42.0 | 38.2 | 46.7 | 0.9  | 0.5  | 1.3  | 0.4  | 0.2  | 0.6  |
| 42                | Region 30  | 23.3              | 17.4 | 30.9 | 79.4              | 71.7 | 86.4  | 12.7 | 10.9 | 14.3 | 7.8  | 6.1  | 8.7  | 1.6  | 1.3  | 2.1  | 39.0 | 32.3 | 43.9 | 1.0  | 0.6  | 1.7  | 0.4  | 0.2  | 0.7  |
| 16                | Region 31  | 21.3              | 16.5 | 26.8 | 76.2              | 7.9  | 86.0  | 12.1 | 10.7 | 13.8 | 7.8  | 6.9  | 8.5  | 1.9  | 1.5  | 2.2  | 40.3 | 36.8 | 42.7 | 1.1  | 0.8  | 1.8  | 0.4  | 0.2  | 0.5  |
| 29                | Region 32  | 22.0              | 16.1 | 27.7 | 80.3              | 75.3 | 87.3  | 12.3 | 10.5 | 13.8 | 7.9  | 6.9  | 8.5  | 1.7  | 1.4  | 1.9  | 40.2 | 36.9 | 44.0 | 1.0  | 0.7  | 1.8  | 0.3  | 0.2  | 0.6  |
| 69                | Region 33  | 22.7              | 15.0 | 28.6 | 79.9              | 73.9 | 86.0  | 12.9 | 10.2 | 15.8 | 7.9  | 6.8  | 9.0  | 1.6  | 1.3  | 2.1  | 39.9 | 35.1 | 43.2 | 0.9  | 0.5  | 1.7  | 0.4  | 0.2  | 0.6  |
| 29                | Region 34  | 21.1              | 15.8 | 25.3 | 81.1              | 77.7 | 88.0  | 12.7 | 11.2 | 14.9 | 8.0  | 7.3  | 8.9  | 1.6  | 1.3  | 2.0  | 41.6 | 37.8 | 45.4 | 0.9  | 0.7  | 1.1  | 0.4  | 0.2  | 0.6  |
| 7                 | Region 35  | 21.7              | 19.5 | 23.7 | 81.4              | 78.5 | 83.8  | 13.1 | 11.7 | 14.6 | 7.7  | 6.7  | 8.9  | 1.5  | 1.3  | 1.9  | 39.5 | 35.9 | 43.0 | 0.9  | 0.7  | 1.1  | 0.4  | 0.3  | 0.5  |
| 13                | Region 36  | 22.6              | 19.5 | 26.5 | 79.8              | 76.3 | 83.6  | 12.3 | 11.1 | 13.4 | 7.7  | 6.6  | 8.3  | 1.6  | 1.3  | 2.0  | 39.8 | 38.0 | 41.4 | 0.9  | 0.6  | 1.2  | 0.4  | 0.2  | 0.4  |
| 456               | Ave. White | 20.6              |      |      | 81.9              |      |       | 13.0 |      |      | 7.9  |      |      | 1.7  |      |      | 40.8 |      |      | 1.0  |      |      | 0.4  |      |      |
|                   | Min. White | 8.5               |      |      | 7.9               |      |       | 10.2 |      |      | 6.1  |      |      | 0.9  |      |      | 28.3 |      |      | 0.5  |      |      | 0.1  |      |      |
|                   | Max. White | 32.0              |      |      | 104.0             |      |       | 18.5 |      |      | 10.0 |      |      | 4.6  |      |      | 47.6 |      |      | 2.0  |      |      | 0.7  |      |      |





| OF WHITE MAIZE ACCORDING TO REGION (2024/25) |      |      |       |      |      |       |      |      |                     |      |      |                     |      |      |                        |      |      |                                         |      |      |                                |      |      |          |      |      |              |      |      |
|----------------------------------------------|------|------|-------|------|------|-------|------|------|---------------------|------|------|---------------------|------|------|------------------------|------|------|-----------------------------------------|------|------|--------------------------------|------|------|----------|------|------|--------------|------|------|
| Milling                                      |      |      |       |      |      |       |      |      |                     |      |      |                     |      |      |                        |      |      |                                         |      |      | Whiteness Index                |      |      |          |      |      |              |      |      |
| G1, %                                        |      |      | G2, % |      |      | G3, % |      |      | Fraction B1 - B3, % |      |      | Fraction C1 - C3, % |      |      | Grits (Fraction G3), % |      |      | Germ/Bran (Degermer overs + G1 + G2), % |      |      | TOTAL of all meal fractions, % |      |      | Unsifted |      |      | 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. | ave.     | min. | max. | ave.         | min. | max. |
| 0.0                                          | 0.0  | 0.0  | 1.6   | 1.5  | 1.6  | 14.1  | 14.0 | 14.3 | 20.8                | 20.7 | 21.0 | 42.2                | 41.6 | 42.7 | 14.1                   | 14.0 | 14.3 | 22.8                                    | 22.4 | 23.3 | 77.2                           | 76.7 | 77.6 | 17.4     | 17.1 | 17.6 | 16.3         | 15.2 | 17.3 |
| 0.0                                          | 0.0  | 0.0  | 2.0   | 1.7  | 2.3  | 12.2  | 10.9 | 14.8 | 24.0                | 22.8 | 26.0 | 42.4                | 40.0 | 44.4 | 12.2                   | 10.9 | 14.8 | 21.4                                    | 17.4 | 26.2 | 78.6                           | 73.8 | 82.6 | 18.8     | 16.0 | 22.2 | 17.0         | 13.5 | 22.4 |
| 0.0                                          | 0.0  | 0.1  | 1.8   | 1.2  | 2.7  | 13.7  | 11.0 | 17.5 | 24.1                | 22.0 | 26.1 | 43.8                | 41.1 | 46.3 | 13.7                   | 11.0 | 17.5 | 18.3                                    | 14.3 | 22.3 | 81.7                           | 77.7 | 85.7 | 13.9     | 0.9  | 21.7 | 12.8         | 2.9  | 19.3 |
| 0.0                                          | 0.0  | 0.0  | 1.9   | 1.5  | 2.4  | 14.4  | 10.8 | 18.2 | 22.9                | 20.7 | 25.6 | 42.7                | 38.5 | 45.9 | 14.4                   | 10.8 | 18.2 | 20.0                                    | 13.8 | 30.0 | 80.0                           | 70.0 | 86.2 | 13.5     | 3.4  | 25.0 | 12.6         | 2.3  | 26.7 |
| 0.1                                          | 0.1  | 0.1  | 2.3   | 1.9  | 2.8  | 11.5  | 11.0 | 12.2 | 24.2                | 23.3 | 25.5 | 40.2                | 39.3 | 42.5 | 11.5                   | 11.0 | 12.2 | 24.1                                    | 22.8 | 25.1 | 75.9                           | 74.9 | 77.2 | 13.8     | 10.8 | 16.9 | 13.1         | 9.2  | 17.3 |
| 0.1                                          | 0.0  | 0.1  | 1.8   | 1.3  | 2.3  | 13.5  | 9.8  | 16.3 | 23.0                | 21.4 | 27.5 | 41.4                | 35.6 | 43.9 | 13.5                   | 9.8  | 16.3 | 22.1                                    | 18.0 | 27.9 | 77.9                           | 72.1 | 82.0 | 11.2     | 1.6  | 22.1 | 10.6         | 2.3  | 22.8 |
| 0.0                                          | 0.0  | 0.1  | 2.0   | 1.1  | 2.9  | 12.9  | 10.9 | 15.8 | 22.6                | 20.1 | 24.0 | 41.9                | 36.7 | 45.3 | 12.9                   | 10.9 | 15.8 | 22.6                                    | 15.0 | 30.7 | 77.4                           | 69.3 | 85.0 | 15.0     | 8.2  | 24.5 | 14.2         | 4.7  | 25.1 |
| 0.0                                          | 0.0  | 0.1  | 1.6   | 1.4  | 1.9  | 13.7  | 11.6 | 15.3 | 23.7                | 22.8 | 25.3 | 44.9                | 43.3 | 47.0 | 13.7                   | 11.6 | 15.3 | 17.6                                    | 15.8 | 21.2 | 82.4                           | 78.8 | 84.2 | 13.3     | 10.8 | 17.5 | 11.1         | 7.9  | 15.7 |
| 0.0                                          | 0.0  | 0.1  | 1.7   | 0.9  | 2.5  | 13.7  | 11.1 | 16.5 | 22.9                | 21.3 | 27.2 | 43.4                | 39.8 | 47.5 | 13.7                   | 11.1 | 16.5 | 20.0                                    | 15.9 | 25.8 | 80.0                           | 74.2 | 84.1 | 15.0     | 8.0  | 24.6 | 14.0         | 6.4  | 24.3 |
| 0.1                                          | 0.0  | 0.7  | 1.7   | 1.1  | 4.6  | 12.8  | 9.6  | 17.8 | 23.6                | 21.3 | 25.7 | 42.0                | 30.4 | 48.1 | 12.8                   | 9.6  | 17.8 | 21.6                                    | 11.2 | 35.7 | 78.4                           | 64.3 | 88.8 | 14.1     | 4.1  | 23.9 | 13.4         | 3.5  | 24.2 |
| 0.0                                          | 0.0  | 0.1  | 1.6   | 1.0  | 2.2  | 14.0  | 10.0 | 19.1 | 23.3                | 22.0 | 24.2 | 43.2                | 41.4 | 44.3 | 14.0                   | 10.0 | 19.1 | 19.4                                    | 14.8 | 24.5 | 80.6                           | 75.5 | 85.2 | 9.1      | 1.7  | 19.4 | 9.5          | 1.9  | 19.2 |
| 0.1                                          | 0.0  | 0.4  | 2.3   | 1.5  | 3.5  | 12.4  | 8.6  | 17.7 | 23.1                | 21.8 | 24.2 | 42.0                | 33.8 | 48.9 | 12.4                   | 8.6  | 17.7 | 22.6                                    | 10.9 | 35.8 | 77.4                           | 64.2 | 89.1 | 14.4     | -1.5 | 22.6 | 12.8         | -1.9 | 21.2 |
| 0.1                                          | 0.0  | 0.2  | 2.0   | 1.7  | 2.4  | 13.1  | 11.7 | 15.7 | 23.4                | 21.3 | 26.1 | 45.1                | 41.1 | 48.4 | 13.1                   | 11.7 | 15.7 | 18.4                                    | 13.7 | 24.7 | 81.6                           | 75.3 | 86.3 | 6.1      | -2.0 | 12.9 | 5.1          | -3.6 | 11.9 |
| 0.1                                          | 0.0  | 0.7  | 2.2   | 1.4  | 3.9  | 11.7  | 8.8  | 15.6 | 22.6                | 19.8 | 25.2 | 40.9                | 31.4 | 45.2 | 11.7                   | 8.8  | 15.6 | 24.8                                    | 19.6 | 36.2 | 75.2                           | 63.8 | 80.4 | 15.6     | 10.1 | 21.3 | 13.6         | 7.8  | 21.5 |
| 0.1                                          | 0.0  | 0.3  | 1.9   | 1.0  | 2.9  | 12.0  | 10.3 | 15.1 | 21.9                | 19.6 | 23.8 | 43.3                | 39.9 | 48.3 | 12.0                   | 10.3 | 15.1 | 22.9                                    | 14.0 | 26.5 | 77.1                           | 73.5 | 86.0 | 12.6     | 4.7  | 20.1 | 11.4         | 5.6  | 18.2 |
| 0.1                                          | 0.0  | 0.8  | 2.3   | 1.3  | 3.6  | 11.8  | 9.8  | 14.9 | 22.1                | 20.5 | 24.3 | 40.4                | 34.0 | 45.1 | 11.8                   | 9.8  | 14.9 | 25.8                                    | 19.7 | 34.2 | 74.2                           | 65.8 | 80.3 | 15.3     | 10.5 | 21.0 | 13.4         | 6.0  | 20.1 |
| 0.1                                          | 0.0  | 0.2  | 2.2   | 1.3  | 3.0  | 13.0  | 11.8 | 14.7 | 21.7                | 19.9 | 23.3 | 41.7                | 38.0 | 44.1 | 13.0                   | 11.8 | 14.7 | 23.6                                    | 19.0 | 28.8 | 76.4                           | 71.2 | 81.0 | 11.6     | -1.3 | 19.1 | 10.3         | -2.1 | 20.7 |
| 0.1                                          | 0.0  | 0.3  | 2.0   | 1.2  | 3.0  | 12.4  | 10.8 | 14.3 | 22.0                | 19.4 | 24.1 | 41.5                | 38.8 | 45.1 | 12.4                   | 10.8 | 14.3 | 24.2                                    | 18.3 | 28.9 | 75.8                           | 71.1 | 81.7 | 13.3     | 3.6  | 19.4 | 11.7         | 3.8  | 17.9 |
| 0.1                                          | 0.0  | 0.5  | 2.2   | 1.2  | 3.5  | 11.5  | 9.4  | 13.7 | 22.4                | 19.4 | 26.0 | 41.1                | 36.2 | 44.4 | 11.5                   | 9.4  | 13.7 | 25.0                                    | 17.1 | 32.6 | 75.0                           | 67.4 | 82.9 | 16.7     | 4.8  | 21.8 | 15.6         | 5.4  | 20.5 |
| 0.1                                          | 0.0  | 0.2  | 1.9   | 1.3  | 2.8  | 11.7  | 10.3 | 13.6 | 22.3                | 20.2 | 25.0 | 42.9                | 38.9 | 46.8 | 11.7                   | 10.3 | 13.6 | 23.0                                    | 18.1 | 27.3 | 77.0                           | 72.7 | 81.9 | 15.6     | 2.0  | 23.5 | 14.3         | -0.7 | 21.4 |
| 0.0                                          | 0.0  | 0.1  | 2.1   | 1.6  | 2.9  | 13.1  | 11.0 | 15.8 | 22.3                | 21.0 | 23.2 | 40.7                | 37.0 | 44.0 | 13.1                   | 11.0 | 15.8 | 23.8                                    | 21.2 | 26.6 | 76.2                           | 73.4 | 78.8 | 18.4     | 10.7 | 22.9 | 17.4         | 9.6  | 22.1 |
| 0.1                                          | 0.0  | 0.1  | 2.0   | 1.7  | 2.5  | 12.6  | 11.4 | 14.4 | 21.7                | 19.5 | 22.7 | 41.1                | 39.2 | 42.8 | 12.6                   | 11.4 | 14.4 | 24.6                                    | 21.5 | 28.5 | 75.4                           | 71.5 | 78.5 | 16.7     | 11.7 | 24.4 | 15.3         | 11.1 | 22.5 |
| 0.1                                          |      |      | 2.0   |      |      | 12.5  |      |      | 22.7                |      |      | 42.1                |      |      | 12.5                   |      |      | 22.7                                    |      |      | 77.3                           |      |      | 14.5     |      |      | 13.2         |      |      |
| 0.0                                          |      |      | 0.9   |      |      | 8.6   |      |      | 19.4                |      |      | 30.4                |      |      | 8.6                    |      |      | 10.9                                    |      |      | 63.8                           |      |      | -2.0     |      |      | -3.6         |      |      |
| 0.8                                          |      |      | 4.6   |      |      | 19.1  |      |      | 27.5                |      |      | 48.9                |      |      | 19.1                   |      |      | 36.2                                    |      |      | 89.1                           |      |      | 25.0     |      |      | 26.7         |      |      |

