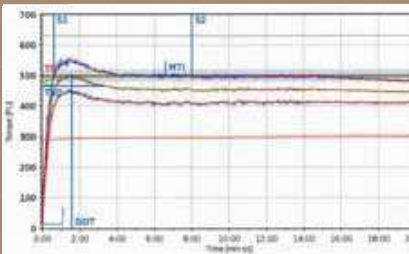
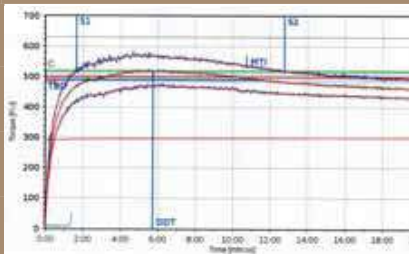
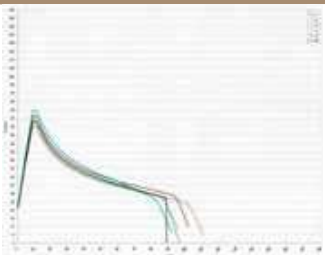
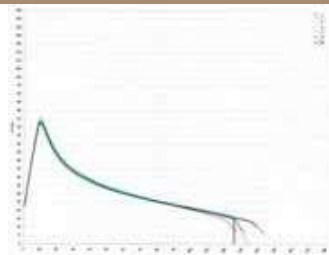
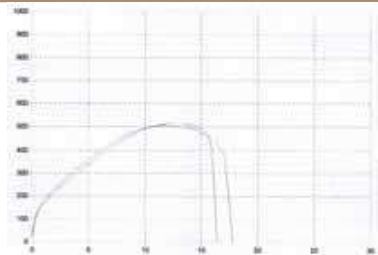
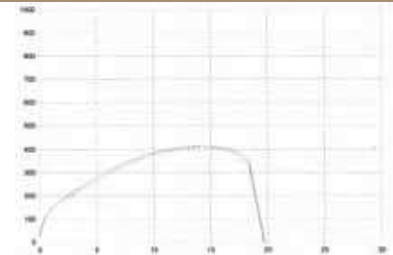
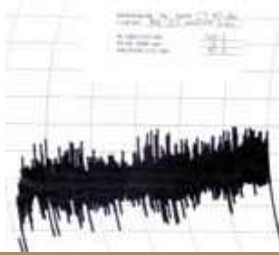
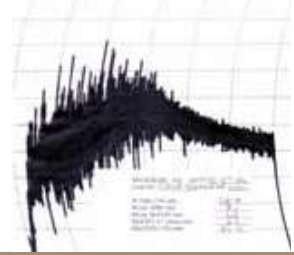


# Imported Wheat Quality - Argentina (30 Sep 2023 to 27 Sep 2024)

2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

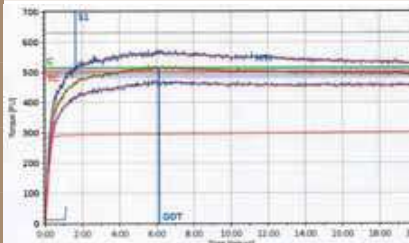
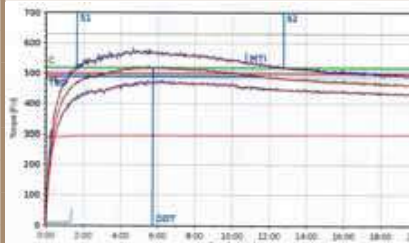
| Country of origin                                                                   | Argentina Average |       |       |     |     |         | RSA Crop Average                                                                      |       |       |       |       |         |
|-------------------------------------------------------------------------------------|-------------------|-------|-------|-----|-----|---------|---------------------------------------------------------------------------------------|-------|-------|-------|-------|---------|
| Class and Grade bread wheat                                                         | Super             | Gr1   | Gr2   | Gr3 | COW | Average | Super                                                                                 | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                                                      | -                 | 1     | 2     | -   | -   | 3       | 64                                                                                    | 83    | 70    | 33    | 85    | 335     |
| <b>WHEAT GRADING</b>                                                                |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
| Protein (12% mb), %                                                                 | -                 | 11.5  | 11.5  | -   | -   | 11.5    | 13.3                                                                                  | 12.0  | 11.0  | 10.4  | 11.6  | 11.8    |
| Moisture, %                                                                         | -                 | 12.2  | 11.8  | -   | -   | 11.9    | 10.8                                                                                  | 11.1  | 11.0  | 11.1  | 11.2  | 11.1    |
| Falling number, sec                                                                 | -                 | 277   | 288   | -   | -   | 284     | 378                                                                                   | 375   | 380   | 373   | 371   | 375     |
| 1000 Kernel mass (13% mb), g                                                        | -                 | 37.5  | 33.2  | -   | -   | 34.6    | 38.1                                                                                  | 40    | 40.5  | 38.7  | 38.1  | 39.1    |
| Hlm (dirty), kg/hl                                                                  | -                 | 76.1  | 76.3  | -   | -   | 76.2    | 81.7                                                                                  | 80.5  | 81.6  | 80.8  | 79.3  | 80.7    |
| Screenings (<1.8 mm sieve), %                                                       | -                 | 1.58  | 2.44  | -   | -   | 2.15    | 1.01                                                                                  | 1.24  | 1.04  | 1.27  | 2.37  | 1.45    |
| Gravel, stones, turf and glass, %                                                   | -                 | 0.00  | 0.00  | -   | -   | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Foreign matter, %                                                                   | -                 | 0.00  | 0.13  | -   | -   | 0.09    | 0.06                                                                                  | 0.13  | 0.10  | 0.06  | 0.22  | 0.13    |
| Other grain & unthreshed ears, %                                                    | -                 | 0.00  | 0.12  | -   | -   | 0.08    | 0.22                                                                                  | 0.32  | 0.28  | 0.32  | 0.93  | 0.45    |
| Heat damaged kernels, %                                                             | -                 | 0.16  | 0.20  | -   | -   | 0.19    | 0.01                                                                                  | 0.01  | 0.01  | 0.03  | 0.04  | 0.02    |
| Immature kernels, %                                                                 | -                 | 0.00  | 0.00  | -   | -   | 0.00    | 0.10                                                                                  | 0.10  | 0.06  | 0.04  | 0.14  | 0.09    |
| Insect damaged kernels, %                                                           | -                 | 0.4   | 0.84  | -   | -   | 0.69    | 0.32                                                                                  | 0.35  | 0.37  | 0.32  | 0.56  | 0.40    |
| Sprouted kernels, %                                                                 | -                 | 0.00  | 0.24  | -   | -   | 0.16    | 0.02                                                                                  | 0.02  | 0.02  | 0.01  | 0.03  | 0.02    |
| Total damaged kernels, %                                                            | -                 | 0.56  | 1.28  | -   | -   | 1.04    | 0.45                                                                                  | 0.48  | 0.45  | 0.39  | 0.76  | 0.53    |
| Combined deviations, %                                                              | -                 | 2.14  | 3.97  | -   | -   | 3.36    | 1.75                                                                                  | 2.17  | 1.88  | 2.04  | 4.28  | 2.55    |
| Heavily frost damaged kernels, %                                                    | -                 | 0.00  | 0.00  | -   | -   | 0.00    | 0.05                                                                                  | 0.00  | 0.04  | 0.00  | 0.02  | 0.02    |
| Field fungi, %                                                                      | -                 | 0.44  | 0.16  | -   | -   | 0.25    | 0.28                                                                                  | 0.32  | 0.22  | 0.27  | 0.60  | 0.36    |
| Storage fungi, %                                                                    | -                 | 0.00  | 0.00  | -   | -   | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Ergot, %                                                                            | -                 | 0.00  | 0.00  | -   | -   | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Poisonous seeds ( <i>Crotalaria spp.</i> , etc.)                                    | -                 | 0     | 0     | -   | -   | 0       | 0                                                                                     | 0     | 0     | 0     | 0     | 0       |
| Poisonous seeds ( <i>Argemone mexicana</i> , etc.)                                  | -                 | 0     | 0     | -   | -   | 0       | 0                                                                                     | 0     | 0     | 0     | 0     | 0       |
| Live insects                                                                        | -                 | No    | No    | -   | -   | No      | No                                                                                    | No    | No    | No    | No    | No      |
| Undesirable odour                                                                   | -                 | No    | No    | -   | -   | No      | No                                                                                    | No    | No    | No    | No    | No      |
|                                                                                     |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
|                                                                                     | Super             | Gr1   | Gr2   | Gr3 | COW | Average | Super                                                                                 | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                                                      | -                 | 1     | 2     | -   | -   | 3       | 16                                                                                    | 20    | 15    | 10    | 4     | 65      |
| Bühler Extraction, %                                                                | -                 | 72.4  | 72.8  | -   | -   | 72.7    | 73.2                                                                                  | 73.2  | 72.6  | 72.1  | 71.7  | 72.8    |
|                                                                                     |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
| <b>FLOUR</b>                                                                        |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
| Colour, Konica Minolta CM5 (dry)                                                    |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
| L*                                                                                  | -                 | 93.28 | 93.18 | -   | -   | 93.21   | 93.62                                                                                 | 93.67 | 93.89 | 93.82 | 93.72 | 93.73   |
| a*                                                                                  | -                 | 0.43  | 0.43  | -   | -   | 0.43    | 0.54                                                                                  | 0.54  | 0.50  | 0.47  | 0.57  | 0.52    |
| b*                                                                                  | -                 | 10.32 | 10.36 | -   | -   | 10.35   | 10.23                                                                                 | 10.01 | 10.12 | 10.11 | 9.66  | 10.08   |
| Ash (db), %                                                                         | -                 | 0.56  | 0.56  | -   | -   | 0.56    | 0.59                                                                                  | 0.61  | 0.58  | 0.60  | 0.61  | 0.59    |
| Protein (12% mb), %                                                                 | -                 | 10.3  | 10.3  | -   | -   | 10.3    | 12.1                                                                                  | 11.1  | 9.9   | 9.7   | 10.4  | 10.8    |
| Wet Gluten (14% mb), %                                                              | -                 | 24.9  | 25.9  | -   | -   | 25.6    | 32.4                                                                                  | 30.2  | 26.6  | 25.6  | 28.6  | 29.1    |
| Dry Gluten (14% mb), %                                                              | -                 | 8.3   | 8.5   | -   | -   | 8.4     | 11.0                                                                                  | 9.9   | 8.5   | 8.3   | 9.4   | 9.6     |
| Gluten Index                                                                        | -                 | 98    | 98    | -   | -   | 98      | 96                                                                                    | 96    | 95    | 96    | 96    | 96      |
|                                                                                     |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
| <b>100 g BAKING TEST</b>                                                            |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
| Baking water absorption, %                                                          | -                 | 60.1  | 60.1  | -   | -   | 60.1    | 62.3                                                                                  | 61.0  | 59.7  | 59.7  | 60.3  | 60.8    |
| Loaf volume, cm <sup>3</sup>                                                        | -                 | 964   | 946   | -   | -   | 952     | 1140                                                                                  | 1068  | 968   | 950   | 970   | 1038    |
|                                                                                     |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
| <b>FARINOGRAM</b>                                                                   |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
| Water absorption (14% mb), %                                                        | -                 | 55.8  | 55.8  | -   | -   | 55.8    | 61.3                                                                                  | 60.3  | 59.2  | 58.9  | 59.5  | 60.0    |
| Development time, min                                                               | -                 | 1.4   | 1.4   | -   | -   | 1.4     | 6.7                                                                                   | 5.2   | 5.2   | 4.5   | 4.1   | 5.4     |
| Stability, mm                                                                       | -                 | 7.2   | 11.7  | -   | -   | 10.2    | 14.3                                                                                  | 10.5  | 10.2  | 9.5   | 9.5   | 11.2    |
| Mixing tolerance index, BU                                                          | -                 | 49    | 41    | -   | -   | 43      | 30                                                                                    | 36    | 36    | 38    | 34    | 35      |
|                                                                                     |                   |       |       |     |     |         |                                                                                       |       |       |       |       |         |
|  |                   |       |       |     |     |         |  |       |       |       |       |         |

## 2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

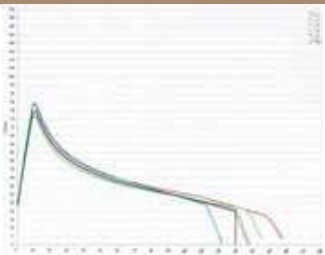
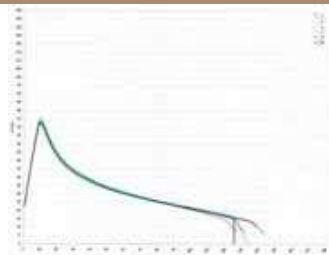
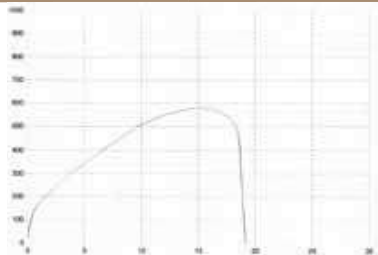
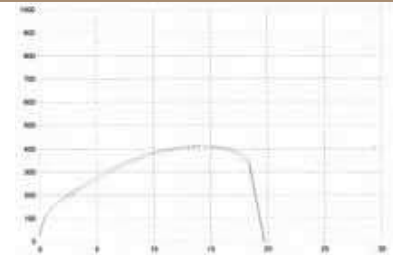
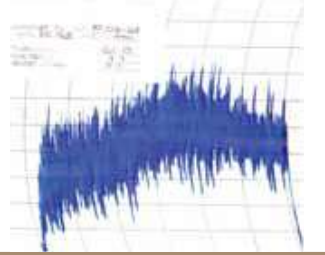
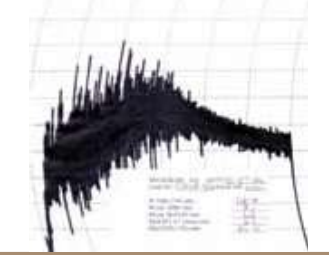
| Country of origin                   | Argentina Average                                                                   |      |      |     |     |         | RSA Crop Average                                                                      |      |      |      |      |         |
|-------------------------------------|-------------------------------------------------------------------------------------|------|------|-----|-----|---------|---------------------------------------------------------------------------------------|------|------|------|------|---------|
| Class and Grade bread wheat         | Super                                                                               | Gr1  | Gr2  | Gr3 | COW | Average | Super                                                                                 | Gr1  | Gr2  | Gr3  | COW  | Average |
| No. of samples                      | -                                                                                   | 1    | 2    | -   | -   | 3       | 16                                                                                    | 20   | 15   | 10   | 4    | 65      |
| ALVEOGRAM                           |                                                                                     |      |      |     |     |         |                                                                                       |      |      |      |      |         |
| Strength (S), cm <sup>2</sup>       | -                                                                                   | 39.3 | 39.0 | -   | -   | 39.1    | 44.8                                                                                  | 40.7 | 36.0 | 33.6 | 37.3 | 39.3    |
| Stability (P), mm                   | -                                                                                   | 82   | 83   | -   | -   | 83      | 77                                                                                    | 79   | 84   | 80   | 79   | 80      |
| Distensibility (L), mm              | -                                                                                   | 89   | 89   | -   | -   | 89      | 145                                                                                   | 129  | 103  | 102  | 116  | 122     |
| P/L                                 | -                                                                                   | 0.92 | 0.94 | -   | -   | 0.93    | 0.55                                                                                  | 0.62 | 0.88 | 0.87 | 0.68 | 0.71    |
|                                     |    |      |      |     |     |         |    |      |      |      |      |         |
| EXTENSOGRAM                         |                                                                                     |      |      |     |     |         |                                                                                       |      |      |      |      |         |
| Strength, cm <sup>2</sup>           | -                                                                                   | 118  | 130  | -   | -   | 126     | 131                                                                                   | 115  | 97   | 87   | 104  | 110     |
| Max. height, BU                     | -                                                                                   | 509  | 537  | -   | -   | 528     | 422                                                                                   | 416  | 401  | 351  | 396  | 403     |
| Extensibility, mm                   | -                                                                                   | 172  | 185  | -   | -   | 180     | 227                                                                                   | 203  | 176  | 177  | 189  | 198     |
|                                     |   |      |      |     |     |         |   |      |      |      |      |         |
| MIXOGRAM                            |                                                                                     |      |      |     |     |         |                                                                                       |      |      |      |      |         |
| Peak time, min                      | -                                                                                   | 5.6  | 5.6  | -   | -   | 5.6     | 2.9                                                                                   | 3.0  | 3.2  | 3.0  | 3.2  | 3.0     |
| Water absorption (14% mb), %        | -                                                                                   | 60.1 | 60.1 | -   | -   | 60.1    | 62.3                                                                                  | 61.0 | 59.7 | 59.7 | 60.3 | 60.8    |
|                                     |  |      |      |     |     |         |  |      |      |      |      |         |
| MYCOTOXINS                          |                                                                                     |      |      |     |     |         |                                                                                       |      |      |      |      |         |
| Aflatoxin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>3</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Deoxynivalenol (µg/kg) [max. value] | 0 [0]                                                                               |      |      |     |     |         | 66 [478]                                                                              |      |      |      |      |         |
| 15-ADON (µg/kg)                     | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Ochratoxin A (µg/kg)                | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Zearalenone (µg/kg)                 | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| HT-2 (µg/kg)                        | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| T-2 Toxin (µg/kg)                   | 0 [0]                                                                               |      |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| No. of samples                      | 1                                                                                   |      |      |     |     |         | 40                                                                                    |      |      |      |      |         |

# Imported Wheat Quality - Australia (30 Sep 2023 to 27 Sep 2024)

2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

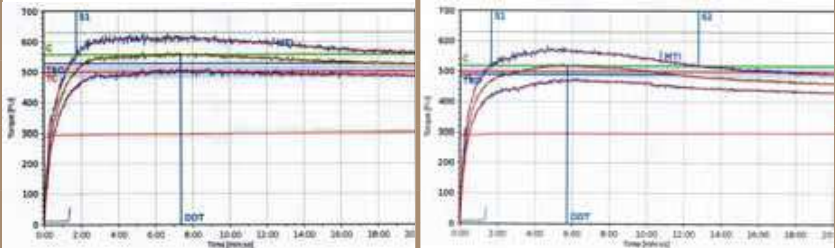
| Country of origin                         | Australia Average                                                                   |       |       |     |       |         | RSA Crop Average                                                                      |       |       |       |       |         |
|-------------------------------------------|-------------------------------------------------------------------------------------|-------|-------|-----|-------|---------|---------------------------------------------------------------------------------------|-------|-------|-------|-------|---------|
| Class and Grade bread wheat               | Super                                                                               | Gr1   | Gr2   | Gr3 | COW   | Average | Super                                                                                 | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                            | 8                                                                                   | 16    | 2     | -   | 4     | 30      | 64                                                                                    | 83    | 70    | 33    | 85    | 335     |
| WHEAT GRADING                             |                                                                                     |       |       |     |       |         |                                                                                       |       |       |       |       |         |
| Protein (12% mb), %                       | 13.4                                                                                | 12.2  | 11.4  | -   | 12.2  | 12.5    | 13.3                                                                                  | 12.0  | 11.0  | 10.4  | 11.6  | 11.8    |
| Moisture, %                               | 10.8                                                                                | 10.7  | 12.5  | -   | 10.2  | 10.8    | 10.8                                                                                  | 11.1  | 11.0  | 11.1  | 11.2  | 11.1    |
| Falling number, sec                       | 549                                                                                 | 485   | 428   | -   | 601   | 513     | 378                                                                                   | 375   | 380   | 373   | 371   | 375     |
| 1000 Kernel mass (13% mb), g              | 36.1                                                                                | 34.7  | 43.3  | -   | 32.9  | 35.4    | 38.1                                                                                  | 40.0  | 40.5  | 38.7  | 38.1  | 39.1    |
| Hlm (dirty), kg/hl                        | 81.1                                                                                | 82.4  | 80.4  | -   | 84.6  | 82.2    | 81.7                                                                                  | 80.5  | 81.6  | 80.8  | 79.3  | 80.7    |
| Screenings (<1.8 mm sieve), %             | 1.94                                                                                | 1.86  | 1.34  | -   | 6.44  | 2.46    | 1.01                                                                                  | 1.24  | 1.04  | 1.27  | 2.37  | 1.45    |
| Gravel, stones, turf and glass, %         | 0.00                                                                                | 0.00  | 0.34  | -   | 0.00  | 0.02    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Foreign matter, %                         | 0.13                                                                                | 0.05  | 0.34  | -   | 0.09  | 0.09    | 0.06                                                                                  | 0.13  | 0.10  | 0.06  | 0.22  | 0.13    |
| Other grain & unthreshed ears, %          | 0.25                                                                                | 0.22  | 0.32  | -   | 0.58  | 0.28    | 0.22                                                                                  | 0.32  | 0.28  | 0.32  | 0.93  | 0.45    |
| Heat damaged kernels, %                   | 0.00                                                                                | 0.00  | 0.08  | -   | 0.00  | 0.01    | 0.01                                                                                  | 0.01  | 0.01  | 0.03  | 0.04  | 0.02    |
| Immature kernels, %                       | 0.42                                                                                | 0.01  | 0.00  | -   | 0.00  | 0.12    | 0.10                                                                                  | 0.10  | 0.06  | 0.04  | 0.14  | 0.09    |
| Insect damaged kernels, %                 | 0.03                                                                                | 0.03  | 0.02  | -   | 0.00  | 0.03    | 0.32                                                                                  | 0.35  | 0.37  | 0.32  | 0.56  | 0.40    |
| Sprouted kernels, %                       | 0.00                                                                                | 0.10  | 0.12  | -   | 0.05  | 0.07    | 0.02                                                                                  | 0.02  | 0.02  | 0.01  | 0.03  | 0.02    |
| Total damaged kernels, %                  | 0.46                                                                                | 0.14  | 0.22  | -   | 0.05  | 0.22    | 0.45                                                                                  | 0.48  | 0.45  | 0.39  | 0.76  | 0.53    |
| Combined deviations, %                    | 2.77                                                                                | 2.26  | 2.56  | -   | 7.16  | 3.07    | 1.75                                                                                  | 2.17  | 1.88  | 2.04  | 4.28  | 2.55    |
| Heavily frost damaged kernels, %          | 0.02                                                                                | 0.02  | 0.00  | -   | 0.00  | 0.02    | 0.05                                                                                  | 0.00  | 0.04  | 0.00  | 0.02  | 0.02    |
| Field fungi, %                            | 0.45                                                                                | 0.22  | 0.63  | -   | 0.12  | 0.30    | 0.28                                                                                  | 0.32  | 0.22  | 0.27  | 0.60  | 0.36    |
| Storage fungi, %                          | 0.00                                                                                | 0.00  | 0.00  | -   | 0.00  | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Ergot, %                                  | 0.00                                                                                | 0.00  | 0.00  | -   | 0.00  | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Poisonous seeds (Crotalaria spp., etc.)   | 0                                                                                   | 0     | 0     | -   | 0     | 0       | 0                                                                                     | 0     | 0     | 0     | 0     | 0       |
| Poisonous seeds (Argemone mexicana, etc.) | 0                                                                                   | 0     | 0     | -   | 0     | 0       | 0                                                                                     | 0     | 0     | 0     | 0     | 0       |
| Live insects                              | No                                                                                  | No    | No    | -   | No    | No      | No                                                                                    | No    | No    | No    | No    | No      |
| Undesirable odour                         | No                                                                                  | No    | No    | -   | No    | No      | No                                                                                    | No    | No    | No    | No    | No      |
|                                           |                                                                                     |       |       |     |       |         |                                                                                       |       |       |       |       |         |
|                                           | Super                                                                               | Gr1   | Gr2   | Gr3 | COW   | Average | Super                                                                                 | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                            | 8                                                                                   | 16    | 2     | -   | 4     | 30      | 16                                                                                    | 20    | 15    | 10    | 4     | 65      |
| Bühler Extraction, %                      | 70.6                                                                                | 72.6  | 73.5  | -   | 71.0  | 71.9    | 73.2                                                                                  | 73.2  | 72.6  | 72.1  | 71.7  | 72.8    |
|                                           |                                                                                     |       |       |     |       |         |                                                                                       |       |       |       |       |         |
| FLOUR                                     |                                                                                     |       |       |     |       |         |                                                                                       |       |       |       |       |         |
| Colour, Konica Minolta CM5 (dry)          |                                                                                     |       |       |     |       |         |                                                                                       |       |       |       |       |         |
| L*                                        | 93.91                                                                               | 94.03 | 93.48 | -   | 93.87 | 93.94   | 93.62                                                                                 | 93.67 | 93.89 | 93.82 | 93.72 | 93.73   |
| a*                                        | 0.57                                                                                | 0.52  | 0.52  | -   | 0.55  | 0.53    | 0.54                                                                                  | 0.54  | 0.50  | 0.47  | 0.57  | 0.52    |
| b*                                        | 9.80                                                                                | 9.70  | 9.80  | -   | 10.26 | 9.81    | 10.23                                                                                 | 10.01 | 10.12 | 10.11 | 9.66  | 10.08   |
| Ash (db), %                               | 0.56                                                                                | 0.58  | 0.51  | -   | 0.57  | 0.57    | 0.59                                                                                  | 0.61  | 0.58  | 0.60  | 0.61  | 0.59    |
| Protein (12% mb), %                       | 12.3                                                                                | 11.1  | 9.9   | -   | 11.3  | 11.4    | 12.1                                                                                  | 11.1  | 9.9   | 9.7   | 10.4  | 10.8    |
| Wet Gluten (14% mb), %                    | 32.6                                                                                | 28.6  | 25.6  | -   | 29.4  | 29.6    | 32.4                                                                                  | 30.2  | 26.6  | 25.6  | 28.6  | 29.1    |
| Dry Gluten (14% mb), %                    | 11.2                                                                                | 10.8  | 8.8   | -   | 9.9   | 10.7    | 11.0                                                                                  | 9.9   | 8.5   | 8.3   | 9.4   | 9.6     |
| Gluten Index                              | 98                                                                                  | 98    | 98    | -   | 98    | 98      | 96                                                                                    | 96    | 95    | 96    | 96    | 96      |
|                                           |                                                                                     |       |       |     |       |         |                                                                                       |       |       |       |       |         |
| 100 g BAKING TEST                         |                                                                                     |       |       |     |       |         |                                                                                       |       |       |       |       |         |
| Baking water absorption, %                | 62.5                                                                                | 61.1  | 59.8  | -   | 61.3  | 61.4    | 62.3                                                                                  | 61.0  | 59.7  | 59.7  | 60.3  | 60.8    |
| Loaf volume, cm³                          | 1118                                                                                | 1074  | 956   | -   | 1066  | 1077    | 1140                                                                                  | 1068  | 968   | 950   | 970   | 1038    |
|                                           |                                                                                     |       |       |     |       |         |                                                                                       |       |       |       |       |         |
| FARINOGRAM                                |                                                                                     |       |       |     |       |         |                                                                                       |       |       |       |       |         |
| Water absorption (14% mb), %              | 61.2                                                                                | 59.1  | 54.9  | -   | 59.3  | 59.4    | 61.3                                                                                  | 60.3  | 59.2  | 58.9  | 59.5  | 60.0    |
| Development time, min                     | 8.0                                                                                 | 6.3   | 1.8   | -   | 6.9   | 6.5     | 6.7                                                                                   | 5.2   | 5.2   | 4.5   | 4.1   | 5.4     |
| Stability, mm                             | 20.0                                                                                | 16.8  | 11.8  | -   | 20.0  | 17.7    | 14.3                                                                                  | 10.5  | 10.2  | 9.5   | 9.5   | 11.2    |
| Mixing tolerance index, BU                | 14                                                                                  | 20    | 31    | -   | 18    | 19      | 30                                                                                    | 36    | 36    | 38    | 34    | 35      |
|                                           |  |       |       |     |       |         |  |       |       |       |       |         |

## 2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

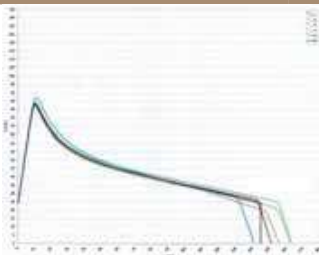
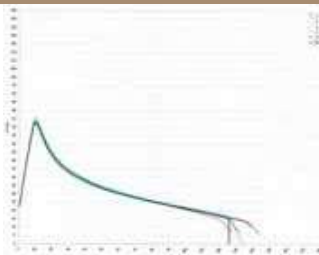
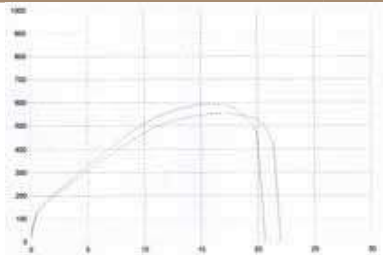
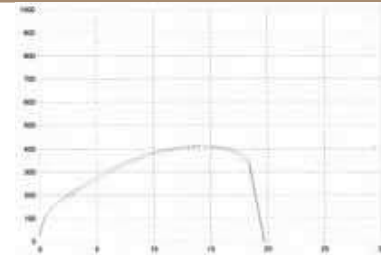
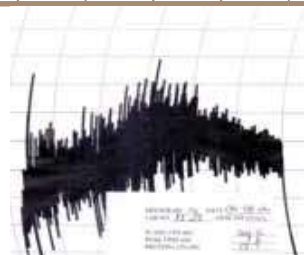
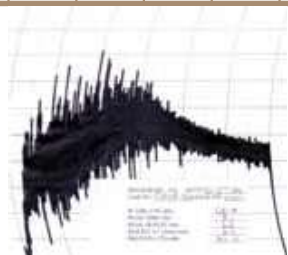
| Country of origin                   | Australia Average                                                                   |      |      |     |      |         | RSA Crop Average                                                                      |      |      |      |      |         |
|-------------------------------------|-------------------------------------------------------------------------------------|------|------|-----|------|---------|---------------------------------------------------------------------------------------|------|------|------|------|---------|
| Class and Grade bread wheat         | Super                                                                               | Gr1  | Gr2  | Gr3 | COW  | Average | Super                                                                                 | Gr1  | Gr2  | Gr3  | COW  | Average |
| No. of samples                      | 8                                                                                   | 16   | 2    | -   | 4    | 30      | 16                                                                                    | 20   | 15   | 10   | 4    | 65      |
| ALVEOGRAM                           |                                                                                     |      |      |     |      |         |                                                                                       |      |      |      |      |         |
| Strength (S), cm <sup>2</sup>       | 53.8                                                                                | 49.6 | 36.0 | -   | 51.2 | 50.0    | 44.8                                                                                  | 40.7 | 36.0 | 33.6 | 37.3 | 39.3    |
| Stability (P), mm                   | 87                                                                                  | 87   | 69   | -   | 89   | 86      | 77                                                                                    | 79   | 84   | 80   | 79   | 80      |
| Distensibility (L), mm              | 145                                                                                 | 124  | 113  | -   | 129  | 129     | 145                                                                                   | 129  | 103  | 102  | 116  | 122     |
| P/L                                 | 0.61                                                                                | 0.71 | 0.61 | -   | 0.69 | 0.68    | 0.55                                                                                  | 0.62 | 0.88 | 0.87 | 0.68 | 0.71    |
|                                     |    |      |      |     |      |         |    |      |      |      |      |         |
| EXTENSOGRAM                         |                                                                                     |      |      |     |      |         |                                                                                       |      |      |      |      |         |
| Strength, cm <sup>2</sup>           | 159                                                                                 | 146  | 112  | -   | 151  | 147     | 131                                                                                   | 115  | 97   | 87   | 104  | 110     |
| Max. height, BU                     | 523                                                                                 | 555  | 517  | -   | 543  | 543     | 422                                                                                   | 416  | 401  | 351  | 396  | 403     |
| Extensibility, mm                   | 225                                                                                 | 197  | 162  | -   | 206  | 202     | 227                                                                                   | 203  | 176  | 177  | 189  | 198     |
|                                     |   |      |      |     |      |         |   |      |      |      |      |         |
| MIXOGRAM                            |                                                                                     |      |      |     |      |         |                                                                                       |      |      |      |      |         |
| Peak time, min                      | 3.3                                                                                 | 3.9  | 5.2  | -   | 3.5  | 3.8     | 2.9                                                                                   | 3.0  | 3.2  | 3.0  | 3.2  | 3.0     |
| Water absorption (14% mb), %        | 62.5                                                                                | 61.1 | 59.8 | -   | 61.3 | 61.4    | 62.3                                                                                  | 61.0 | 59.7 | 59.7 | 60.3 | 60.8    |
|                                     |  |      |      |     |      |         |  |      |      |      |      |         |
| MYCOTOXINS                          |                                                                                     |      |      |     |      |         |                                                                                       |      |      |      |      |         |
| Aflatoxin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>3</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Deoxynivalenol (µg/kg) [max. value] | 0 [<100]                                                                            |      |      |     |      |         | 66 [478]                                                                              |      |      |      |      |         |
| 15-ADON (µg/kg)                     | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Ochratoxin A (µg/kg)                | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Zearalenone (µg/kg)                 | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| HT-2 (µg/kg)                        | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| T-2 Toxin (µg/kg)                   | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| No. of samples                      | 8                                                                                   |      |      |     |      |         | 40                                                                                    |      |      |      |      |         |

# Imported Wheat Quality - Canada (30 Sep 2023 to 27 Sep 2024)

2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

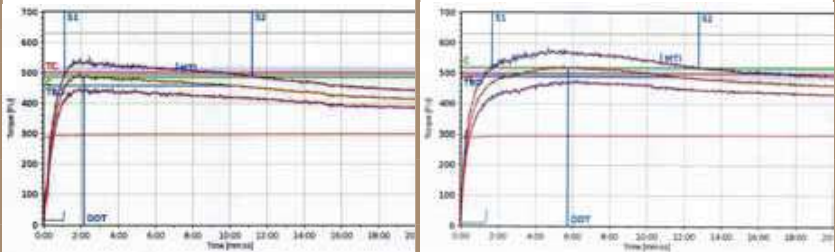
| Country of origin                                  | Canada Average |     |     |     |     |         | RSA Crop Average                                                                     |       |       |       |       |         |
|----------------------------------------------------|----------------|-----|-----|-----|-----|---------|--------------------------------------------------------------------------------------|-------|-------|-------|-------|---------|
| Class and Grade bread wheat                        | Super          | Gr1 | Gr2 | Gr3 | COW | Average | Super                                                                                | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | 2              | -   | -   | -   | -   | 2       | 64                                                                                   | 83    | 70    | 33    | 85    | 335     |
| <b>WHEAT GRADING</b>                               |                |     |     |     |     |         |                                                                                      |       |       |       |       |         |
| Protein (12% mb), %                                | 14.8           | -   | -   | -   | -   | 14.8    | 13.3                                                                                 | 12.0  | 11.0  | 10.4  | 11.6  | 11.8    |
| Moisture, %                                        | 12.9           | -   | -   | -   | -   | 12.9    | 10.8                                                                                 | 11.1  | 11.0  | 11.1  | 11.2  | 11.1    |
| Falling number, sec                                | 375            | -   | -   | -   | -   | 375     | 378                                                                                  | 375   | 380   | 373   | 371   | 375     |
| 1000 Kernel mass (13% mb), g                       | 33.8           | -   | -   | -   | -   | 33.8    | 38.1                                                                                 | 40.0  | 40.5  | 38.7  | 38.1  | 39.1    |
| Hlm (dirty), kg/hl                                 | 83.4           | -   | -   | -   | -   | 83.4    | 81.7                                                                                 | 80.5  | 81.6  | 80.8  | 79.3  | 80.7    |
| Screenings (<1.8 mm sieve), %                      | 1.35           | -   | -   | -   | -   | 1.35    | 1.01                                                                                 | 1.24  | 1.04  | 1.27  | 2.37  | 1.45    |
| Gravel, stones, turf and glass, %                  | 0.00           | -   | -   | -   | -   | 0.00    | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Foreign matter, %                                  | 0.05           | -   | -   | -   | -   | 0.05    | 0.06                                                                                 | 0.13  | 0.10  | 0.06  | 0.22  | 0.13    |
| Other grain & unthreshed ears, %                   | 0.28           | -   | -   | -   | -   | 0.28    | 0.22                                                                                 | 0.32  | 0.28  | 0.32  | 0.93  | 0.45    |
| Heat damaged kernels, %                            | 0.00           | -   | -   | -   | -   | 0.00    | 0.01                                                                                 | 0.01  | 0.01  | 0.03  | 0.04  | 0.02    |
| Immature kernels, %                                | 0.09           | -   | -   | -   | -   | 0.09    | 0.10                                                                                 | 0.10  | 0.06  | 0.04  | 0.14  | 0.09    |
| Insect damaged kernels, %                          | 0.27           | -   | -   | -   | -   | 0.27    | 0.32                                                                                 | 0.35  | 0.37  | 0.32  | 0.56  | 0.40    |
| Sprouted kernels, %                                | 0.16           | -   | -   | -   | -   | 0.16    | 0.02                                                                                 | 0.02  | 0.02  | 0.01  | 0.03  | 0.02    |
| Total damaged kernels, %                           | 0.52           | -   | -   | -   | -   | 0.52    | 0.45                                                                                 | 0.48  | 0.45  | 0.39  | 0.76  | 0.53    |
| Combined deviations, %                             | 2.20           | -   | -   | -   | -   | 2.20    | 1.75                                                                                 | 2.17  | 1.88  | 2.04  | 4.28  | 2.55    |
| Heavily frost damaged kernels, %                   | 1.08           | -   | -   | -   | -   | 1.08    | 0.05                                                                                 | 0.00  | 0.04  | 0.00  | 0.02  | 0.02    |
| Field fungi, %                                     | 0.08           | -   | -   | -   | -   | 0.08    | 0.28                                                                                 | 0.32  | 0.22  | 0.27  | 0.60  | 0.36    |
| Storage fungi, %                                   | 0.00           | -   | -   | -   | -   | 0.00    | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Ergot, %                                           | 0.02           | -   | -   | -   | -   | 0.02    | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Poisonous seeds ( <i>Crotalaria spp.</i> , etc.)   | 0              | -   | -   | -   | -   | 0       | 0                                                                                    | 0     | 0     | 0     | 0     | 0       |
| Poisonous seeds ( <i>Argemone mexicana</i> , etc.) | 0              | -   | -   | -   | -   | 0       | 0                                                                                    | 0     | 0     | 0     | 0     | 0       |
| Live insects                                       | No             | -   | -   | -   | -   | No      | No                                                                                   | No    | No    | No    | No    | No      |
| Undesirable odour                                  | No             | -   | -   | -   | -   | No      | No                                                                                   | No    | No    | No    | No    | No      |
|                                                    |                |     |     |     |     |         |                                                                                      |       |       |       |       |         |
|                                                    | Super          | Gr1 | Gr2 | Gr3 | COW | Average | Super                                                                                | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | 2              | -   | -   | -   | -   | 2       | 16                                                                                   | 20    | 15    | 10    | 4     | 65      |
| Bühler Extraction, %                               | 71.5           | -   | -   | -   | -   | 71.5    | 73.2                                                                                 | 73.2  | 72.6  | 72.1  | 71.7  | 72.8    |
| <b>FLOUR</b>                                       |                |     |     |     |     |         |                                                                                      |       |       |       |       |         |
| Colour, Konica Minolta CM5 (dry)                   |                |     |     |     |     |         |                                                                                      |       |       |       |       |         |
| L*                                                 | 92.83          | -   | -   | -   | -   | 92.83   | 93.62                                                                                | 93.67 | 93.89 | 93.82 | 93.72 | 93.73   |
| a*                                                 | 0.68           | -   | -   | -   | -   | 0.68    | 0.54                                                                                 | 0.54  | 0.50  | 0.47  | 0.57  | 0.52    |
| b*                                                 | 10.27          | -   | -   | -   | -   | 10.27   | 10.23                                                                                | 10.01 | 10.12 | 10.11 | 9.66  | 10.08   |
| Ash (db), %                                        | 0.55           | -   | -   | -   | -   | 0.55    | 0.59                                                                                 | 0.61  | 0.58  | 0.60  | 0.61  | 0.59    |
| Protein (12% mb), %                                | 13.6           | -   | -   | -   | -   | 13.6    | 12.1                                                                                 | 11.1  | 9.9   | 9.7   | 10.4  | 10.8    |
| Wet Gluten (14% mb), %                             | 33.6           | -   | -   | -   | -   | 33.6    | 32.4                                                                                 | 30.2  | 26.6  | 25.6  | 28.6  | 29.1    |
| Dry Gluten (14% mb), %                             | 11.9           | -   | -   | -   | -   | 11.9    | 11.0                                                                                 | 9.9   | 8.5   | 8.3   | 9.4   | 9.6     |
| Gluten Index                                       | 97             | -   | -   | -   | -   | 97      | 96                                                                                   | 96    | 95    | 96    | 96    | 96      |
| <b>100 g BAKING TEST</b>                           |                |     |     |     |     |         |                                                                                      |       |       |       |       |         |
| Baking water absorption, %                         | 64.5           | -   | -   | -   | -   | 64.5    | 62.3                                                                                 | 61.0  | 59.7  | 59.7  | 60.3  | 60.8    |
| Loaf volume, cm <sup>3</sup>                       | 1244           | -   | -   | -   | -   | 1244    | 1140                                                                                 | 1068  | 968   | 950   | 970   | 1038    |
| <b>FARINOGRAM</b>                                  |                |     |     |     |     |         |                                                                                      |       |       |       |       |         |
| Water absorption (14% mb), %                       | 61.4           | -   | -   | -   | -   | 61.4    | 61.3                                                                                 | 60.3  | 59.2  | 58.9  | 59.5  | 60.0    |
| Development time, min                              | 7.8            | -   | -   | -   | -   | 7.8     | 6.7                                                                                  | 5.2   | 5.2   | 4.5   | 4.1   | 5.4     |
| Stability, mm                                      | 20.0           | -   | -   | -   | -   | 20.0    | 14.3                                                                                 | 10.5  | 10.2  | 9.5   | 9.5   | 11.2    |
| Mixing tolerance index, BU                         | 20             | -   | -   | -   | -   | 20      | 30                                                                                   | 36    | 36    | 38    | 34    | 35      |
|                                                    |                |     |     |     |     |         |  |       |       |       |       |         |

## 2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

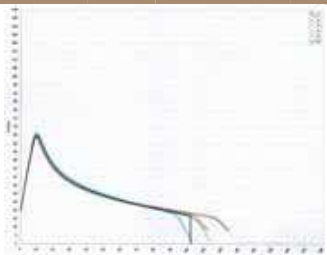
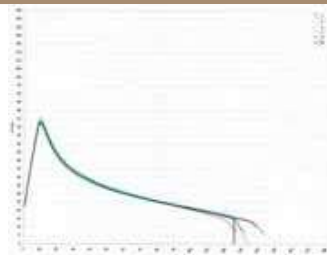
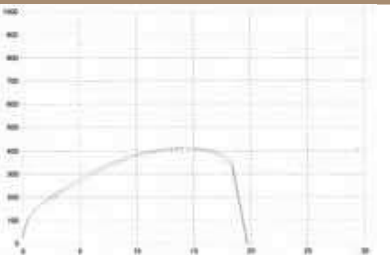
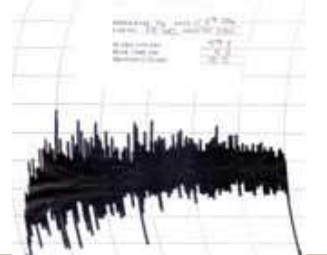
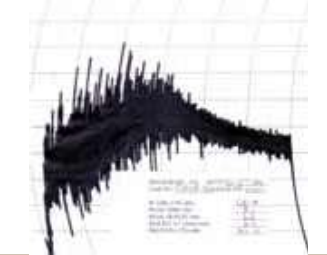
| Country of origin                   | Canada Average                                                                      |     |     |     |     |         | RSA Crop Average                                                                      |      |      |      |      |         |
|-------------------------------------|-------------------------------------------------------------------------------------|-----|-----|-----|-----|---------|---------------------------------------------------------------------------------------|------|------|------|------|---------|
| Class and Grade bread wheat         | Super                                                                               | Gr1 | Gr2 | Gr3 | COW | Average | Super                                                                                 | Gr1  | Gr2  | Gr3  | COW  | Average |
| No. of samples                      | 2                                                                                   | -   | -   | -   |     | 2       | 16                                                                                    | 20   | 15   | 10   | 4    | 65      |
| ALVEOGRAM                           |                                                                                     |     |     |     |     |         |                                                                                       |      |      |      |      |         |
| Strength (S), cm <sup>2</sup>       | 63.7                                                                                | -   | -   | -   | -   | 63.7    | 44.8                                                                                  | 40.7 | 36.0 | 33.6 | 37.3 | 39.3    |
| Stability (P), mm                   | 94                                                                                  | -   | -   | -   | -   | 94      | 77                                                                                    | 79   | 84   | 80   | 79   | 80      |
| Distensibility (L), mm              | 138                                                                                 | -   | -   | -   | -   | 138     | 145                                                                                   | 129  | 103  | 102  | 116  | 122     |
| P/L                                 | 0.69                                                                                | -   | -   | -   | -   | 0.69    | 0.55                                                                                  | 0.62 | 0.88 | 0.87 | 0.68 | 0.71    |
|                                     |    |     |     |     |     |         |    |      |      |      |      |         |
| EXTENSOGRAM                         |                                                                                     |     |     |     |     |         |                                                                                       |      |      |      |      |         |
| Strength, cm <sup>2</sup>           | 160                                                                                 | -   | -   | -   | -   | 160     | 131                                                                                   | 115  | 97   | 87   | 104  | 110     |
| Max. height, BU                     | 565                                                                                 | -   | -   | -   | -   | 565     | 422                                                                                   | 416  | 401  | 351  | 396  | 403     |
| Extensibility, mm                   | 215                                                                                 | -   | -   | -   | -   | 215     | 227                                                                                   | 203  | 176  | 177  | 189  | 198     |
|                                     |   |     |     |     |     |         |   |      |      |      |      |         |
| MIXOGRAM                            |                                                                                     |     |     |     |     |         |                                                                                       |      |      |      |      |         |
| Peak time, min                      | 3.6                                                                                 | -   | -   | -   | -   | 3.6     | 2.9                                                                                   | 3.0  | 3.2  | 3.0  | 3.2  | 3.0     |
| Water absorption (14% mb), %        | 64.5                                                                                | -   | -   | -   | -   | 64.5    | 62.3                                                                                  | 61.0 | 59.7 | 59.7 | 60.3 | 60.8    |
|                                     |  |     |     |     |     |         |  |      |      |      |      |         |
| MYCOTOXINS                          |                                                                                     |     |     |     |     |         |                                                                                       |      |      |      |      |         |
| Aflatoxin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>3</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| Deoxynivalenol (µg/kg) [max. value] | 0 [0]                                                                               |     |     |     |     |         | 66 [478]                                                                              |      |      |      |      |         |
| 15-ADON (µg/kg) [max. value]        | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| Ochratoxin A (µg/kg)                | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| Zearalenone (µg/kg)                 | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| HT-2 (µg/kg)                        | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| T-2 Toxin (µg/kg)                   | 0 [0]                                                                               |     |     |     |     |         | ND                                                                                    |      |      |      |      |         |
| No. of samples                      | 1                                                                                   |     |     |     |     |         | 40                                                                                    |      |      |      |      |         |

# Imported Wheat Quality - Estonia (30 Sep 2023 to 27 Sep 2024)

2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

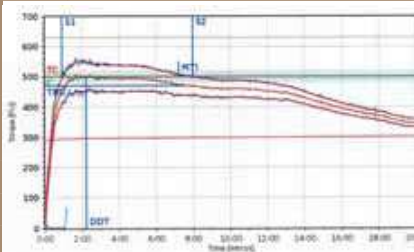
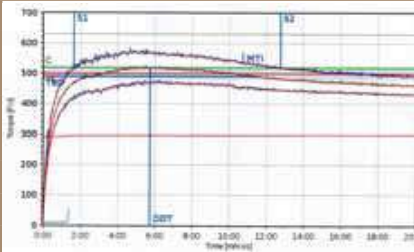
| Country of origin                                  | Estonia Average |     |       |     |     |         | RSA Crop Average                                                                     |       |       |       |       |         |
|----------------------------------------------------|-----------------|-----|-------|-----|-----|---------|--------------------------------------------------------------------------------------|-------|-------|-------|-------|---------|
| Class and Grade bread wheat                        | Super           | Gr1 | Gr2   | Gr3 | COW | Average | Super                                                                                | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | -               | -   | 5     | -   | -   | 5       | 64                                                                                   | 83    | 70    | 33    | 85    | 335     |
| <b>WHEAT</b>                                       |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
| <b>GRADING</b>                                     |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
| Protein (12% mb), %                                | -               | -   | 11.3  | -   | -   | 11.3    | 13.3                                                                                 | 12.0  | 11.0  | 10.4  | 11.6  | 11.8    |
| Moisture, %                                        | -               | -   | 11.9  | -   | -   | 11.9    | 10.8                                                                                 | 11.1  | 11.0  | 11.1  | 11.2  | 11.1    |
| Falling number, sec                                | -               | -   | 308   | -   | -   | 308     | 378                                                                                  | 375   | 380   | 373   | 371   | 375     |
| 1000 Kernel mass (13% mb), g                       | -               | -   | 42.4  | -   | -   | 42.4    | 38.1                                                                                 | 40.0  | 40.5  | 38.7  | 38.1  | 39.1    |
| Hlm (dirty), kg/hl                                 | -               | -   | 79.7  | -   | -   | 79.7    | 81.7                                                                                 | 80.5  | 81.6  | 80.8  | 79.3  | 80.7    |
| Screenings (<1.8 mm sieve), %                      | -               | -   | 0.81  | -   | -   | 0.81    | 1.01                                                                                 | 1.24  | 1.04  | 1.27  | 2.37  | 1.45    |
| Gravel, stones, turf and glass, %                  | -               | -   | 0.00  | -   | -   | 0.00    | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Foreign matter, %                                  | -               | -   | 0.15  | -   | -   | 0.15    | 0.06                                                                                 | 0.13  | 0.10  | 0.06  | 0.22  | 0.13    |
| Other grain & unthreshed ears, %                   | -               | -   | 0.68  | -   | -   | 0.68    | 0.22                                                                                 | 0.32  | 0.28  | 0.32  | 0.93  | 0.45    |
| Heat damaged kernels, %                            | -               | -   | 0.01  | -   | -   | 0.01    | 0.01                                                                                 | 0.01  | 0.01  | 0.03  | 0.04  | 0.02    |
| Immature kernels, %                                | -               | -   | 0.12  | -   | -   | 0.12    | 0.10                                                                                 | 0.10  | 0.06  | 0.04  | 0.14  | 0.09    |
| Insect damaged kernels, %                          | -               | -   | 0.73  | -   | -   | 0.73    | 0.32                                                                                 | 0.35  | 0.37  | 0.32  | 0.56  | 0.40    |
| Sprouted kernels, %                                | -               | -   | 0.02  | -   | -   | 0.02    | 0.02                                                                                 | 0.02  | 0.02  | 0.01  | 0.03  | 0.02    |
| Total damaged kernels, %                           | -               | -   | 0.88  | -   | -   | 0.88    | 0.45                                                                                 | 0.48  | 0.45  | 0.39  | 0.76  | 0.53    |
| Combined deviations, %                             | -               | -   | 2.52  | -   | -   | 2.52    | 1.75                                                                                 | 2.17  | 1.88  | 2.04  | 4.28  | 2.55    |
| Heavily frost damaged kernels, %                   | -               | -   | 0.00  | -   | -   | 0.00    | 0.05                                                                                 | 0.00  | 0.04  | 0.00  | 0.02  | 0.02    |
| Field fungi, %                                     | -               | -   | 0.33  | -   | -   | 0.33    | 0.28                                                                                 | 0.32  | 0.22  | 0.27  | 0.60  | 0.36    |
| Storage fungi, %                                   | -               | -   | 0.00  | -   | -   | 0.00    | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Ergot, %                                           | -               | -   | 0.00  | -   | -   | 0.00    | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Poisonous seeds ( <i>Crotalaria spp.</i> , etc.)   | -               | -   | 0     | -   | -   | 0       | 0                                                                                    | 0     | 0     | 0     | 0     | 0       |
| Poisonous seeds ( <i>Argemone mexicana</i> , etc.) | -               | -   | 0     | -   | -   | 0       | 0                                                                                    | 0     | 0     | 0     | 0     | 0       |
| Live insects                                       | -               | -   | No    | -   | -   | No      | No                                                                                   | No    | No    | No    | No    | No      |
| Undesirable odour                                  | -               | -   | No    | -   | -   | No      | No                                                                                   | No    | No    | No    | No    | No      |
|                                                    |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
|                                                    | Super           | Gr1 | Gr2   | Gr3 | COW | Average | Super                                                                                | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | -               | -   | 5     | -   | -   | 5       | 16                                                                                   | 20    | 15    | 10    | 4     | 65      |
| Bühler Extraction, %                               | -               | -   | 72.6  | -   | -   | 72.6    | 73.2                                                                                 | 73.2  | 72.6  | 72.1  | 71.7  | 72.8    |
|                                                    |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
| <b>FLOUR</b>                                       |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
| Colour, Konica Minolta CM5 (dry)                   |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
| L*                                                 | -               | -   | 93.18 | -   | -   | 93.18   | 93.62                                                                                | 93.67 | 93.89 | 93.82 | 93.72 | 93.73   |
| a*                                                 | -               | -   | 0.48  | -   | -   | 0.48    | 0.54                                                                                 | 0.54  | 0.50  | 0.47  | 0.57  | 0.52    |
| b*                                                 | -               | -   | 9.67  | -   | -   | 9.67    | 10.23                                                                                | 10.01 | 10.12 | 10.11 | 9.66  | 10.08   |
| Ash (db), %                                        | -               | -   | 0.53  | -   | -   | 0.53    | 0.59                                                                                 | 0.61  | 0.58  | 0.60  | 0.61  | 0.59    |
| Protein (12% mb), %                                | -               | -   | 10.0  | -   | -   | 10.0    | 12.1                                                                                 | 11.1  | 9.9   | 9.7   | 10.4  | 10.8    |
| Wet Gluten (14% mb), %                             | -               | -   | 26.7  | -   | -   | 26.7    | 32.4                                                                                 | 30.2  | 26.6  | 25.6  | 28.6  | 29.1    |
| Dry Gluten (14% mb), %                             | -               | -   | 8.9   | -   | -   | 8.9     | 11.0                                                                                 | 9.9   | 8.5   | 8.3   | 9.4   | 9.6     |
| Gluten Index                                       | -               | -   | 97    | -   | -   | 97      | 96                                                                                   | 96    | 95    | 96    | 96    | 96      |
|                                                    |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
| <b>100 g BAKING TEST</b>                           |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
| Baking water absorption, %                         | -               | -   | 59.8  | -   | -   | 59.8    | 62.3                                                                                 | 61.0  | 59.7  | 59.7  | 60.3  | 60.8    |
| Loaf volume, cm <sup>3</sup>                       | -               | -   | 953   | -   | -   | 953     | 1140                                                                                 | 1068  | 968   | 950   | 970   | 1038    |
|                                                    |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
| <b>FARINOGRAM</b>                                  |                 |     |       |     |     |         |                                                                                      |       |       |       |       |         |
| Water absorption (14% mb), %                       | -               | -   | 56.3  | -   | -   | 56.3    | 61.3                                                                                 | 60.3  | 59.2  | 58.9  | 59.5  | 60.0    |
| Development time, min                              | -               | -   | 2.1   | -   | -   | 2.1     | 6.7                                                                                  | 5.2   | 5.2   | 4.5   | 4.1   | 5.4     |
| Stability, mm                                      | -               | -   | 9.4   | -   | -   | 9.4     | 14.3                                                                                 | 10.5  | 10.2  | 9.5   | 9.5   | 11.2    |
| Mixing tolerance index, BU                         | -               | -   | 30    | -   | -   | 30      | 30                                                                                   | 36    | 36    | 38    | 34    | 35      |
|                                                    |                 |     |       |     |     |         |  |       |       |       |       |         |

## 2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

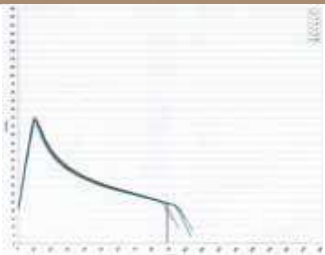
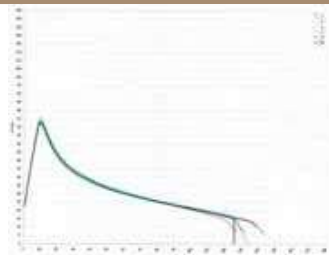
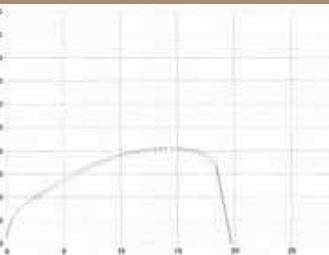
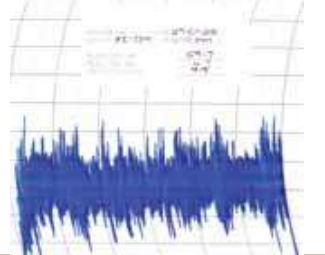
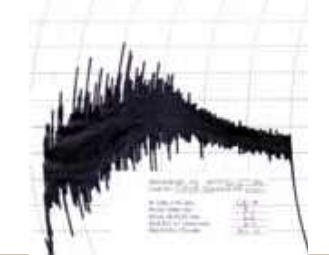
| Country of origin                   | Estonia Average                                                                     |     |      |     |     |         | RSA Crop Average                                                                      |      |      |      |      |         |
|-------------------------------------|-------------------------------------------------------------------------------------|-----|------|-----|-----|---------|---------------------------------------------------------------------------------------|------|------|------|------|---------|
| Class and Grade bread wheat         | Super                                                                               | Gr1 | Gr2  | Gr3 | COW | Average | Super                                                                                 | Gr1  | Gr2  | Gr3  | COW  | Average |
| No. of samples                      | -                                                                                   | -   | 5    | -   | -   | 5       | 16                                                                                    | 20   | 15   | 10   | 4    | 65      |
| ALVEOGRAM                           |                                                                                     |     |      |     |     |         |                                                                                       |      |      |      |      |         |
| Strength (S), cm <sup>2</sup>       | -                                                                                   | -   | 32.1 | -   | -   | 32.1    | 44.8                                                                                  | 40.7 | 36.0 | 33.6 | 37.3 | 39.3    |
| Stability (P), mm                   | -                                                                                   | -   | 73   | -   | -   | 73      | 77                                                                                    | 79   | 84   | 80   | 79   | 80      |
| Distensibility (L), mm              | -                                                                                   | -   | 96   | -   | -   | 96      | 145                                                                                   | 129  | 103  | 102  | 116  | 122     |
| P/L                                 | -                                                                                   | -   | 0.76 | -   | -   | 0.76    | 0.55                                                                                  | 0.62 | 0.88 | 0.87 | 0.68 | 0.71    |
|                                     |    |     |      |     |     |         |    |      |      |      |      |         |
| EXTENSOGRAM                         |                                                                                     |     |      |     |     |         |                                                                                       |      |      |      |      |         |
| Strength, cm <sup>2</sup>           | -                                                                                   | -   | 87   | -   | -   | 87      | 131                                                                                   | 115  | 97   | 87   | 104  | 110     |
| Max. height, BU                     | -                                                                                   | -   | 387  | -   | -   | 387     | 422                                                                                   | 416  | 401  | 351  | 396  | 403     |
| Extensibility, mm                   | -                                                                                   | -   | 160  | -   | -   | 160     | 227                                                                                   | 203  | 176  | 177  | 189  | 198     |
|                                     |   |     |      |     |     |         |   |      |      |      |      |         |
| MIXOGRAM                            |                                                                                     |     |      |     |     |         |                                                                                       |      |      |      |      |         |
| Peak time, min                      | -                                                                                   | -   | 4.0  | -   | -   | 4.0     | 2.9                                                                                   | 3.0  | 3.2  | 3.0  | 3.2  | 3.0     |
| Water absorption (14% mb), %        | -                                                                                   | -   | 59.8 | -   | -   | 59.8    | 62.3                                                                                  | 61.0 | 59.7 | 59.7 | 60.3 | 60.8    |
|                                     |  |     |      |     |     |         |  |      |      |      |      |         |
| MYCOTOXINS                          |                                                                                     |     |      |     |     |         |                                                                                       |      |      |      |      |         |
| Aflatoxin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>3</sub> (µg/kg)    | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Deoxynivalenol (µg/kg) [max. value] | 0 [0]                                                                               |     |      |     |     |         | 66 [478]                                                                              |      |      |      |      |         |
| 15-ADON (µg/kg)                     | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Ochratoxin A (µg/kg)                | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| Zearalenone (µg/kg)                 | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| HT-2 (µg/kg)                        | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| T-2 Toxin (µg/kg)                   | 0 [0]                                                                               |     |      |     |     |         | ND                                                                                    |      |      |      |      |         |
| No. of samples                      | 1                                                                                   |     |      |     |     |         | 40                                                                                    |      |      |      |      |         |

# Imported Wheat Quality - Latvia (30 Sep 2023 to 27 Sep 2024)

2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

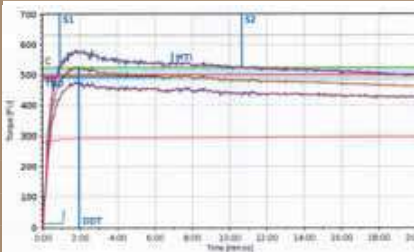
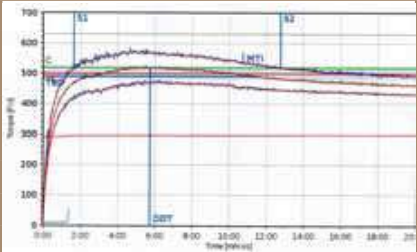
| Country of origin                                  | Latvia Average                                                                       |       |       |     |       |                                                                                       | RSA Crop Average |       |       |       |       |         |
|----------------------------------------------------|--------------------------------------------------------------------------------------|-------|-------|-----|-------|---------------------------------------------------------------------------------------|------------------|-------|-------|-------|-------|---------|
| Class and Grade bread wheat                        | Super                                                                                | Gr1   | Gr2   | Gr3 | COW   | Average                                                                               | Super            | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | 1                                                                                    | 4     | 6     | -   | 4     | 15                                                                                    | 64               | 83    | 70    | 33    | 85    | 335     |
| <b>WHEAT GRADING</b>                               |                                                                                      |       |       |     |       |                                                                                       |                  |       |       |       |       |         |
| Protein (12% mb), %                                | 12.6                                                                                 | 12.1  | 11.2  | -   | 11.4  | 11.6                                                                                  | 13.3             | 12.0  | 11.0  | 10.4  | 11.6  | 11.8    |
| Moisture, %                                        | 14.4                                                                                 | 12.3  | 12.0  | -   | 12.3  | 12.3                                                                                  | 10.8             | 11.1  | 11.0  | 11.1  | 11.2  | 11.1    |
| Falling number, sec                                | 330                                                                                  | 314   | 305   | -   | 318   | 312                                                                                   | 378              | 375   | 380   | 373   | 371   | 375     |
| 1000 Kernel mass (13% mb), g                       | 40.9                                                                                 | 41.4  | 41.2  | -   | 42.4  | 41.6                                                                                  | 38.1             | 40.0  | 40.5  | 38.7  | 38.1  | 39.1    |
| Hlm (dirty), kg/hl                                 | 76.4                                                                                 | 76.4  | 77.5  | -   | 77.9  | 77.2                                                                                  | 81.7             | 80.5  | 81.6  | 80.8  | 79.3  | 80.7    |
| Screenings (<1.8 mm sieve), %                      | 1.80                                                                                 | 1.61  | 2.11  | -   | 1.14  | 1.69                                                                                  | 1.01             | 1.24  | 1.04  | 1.27  | 2.37  | 1.45    |
| Gravel, stones, turf and glass, %                  | 0.00                                                                                 | 0.00  | 0.00  | -   | 0.00  | 0.00                                                                                  | 0.00             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Foreign matter, %                                  | 0.12                                                                                 | 0.10  | 0.08  | -   | 0.14  | 0.10                                                                                  | 0.06             | 0.13  | 0.10  | 0.06  | 0.22  | 0.13    |
| Other grain & unthreshed ears, %                   | 0.14                                                                                 | 0.20  | 0.18  | -   | 0.73  | 0.33                                                                                  | 0.22             | 0.32  | 0.28  | 0.32  | 0.93  | 0.45    |
| Heat damaged kernels, %                            | 0.00                                                                                 | 0.00  | 0.00  | -   | 0.08  | 0.02                                                                                  | 0.01             | 0.01  | 0.01  | 0.03  | 0.04  | 0.02    |
| Immature kernels, %                                | 0.00                                                                                 | 0.00  | 0.01  | -   | 0.05  | 0.02                                                                                  | 0.10             | 0.10  | 0.06  | 0.04  | 0.14  | 0.09    |
| Insect damaged kernels, %                          | 2.00                                                                                 | 1.68  | 0.37  | -   | 0.19  | 0.78                                                                                  | 0.32             | 0.35  | 0.37  | 0.32  | 0.56  | 0.40    |
| Sprouted kernels, %                                | 0.00                                                                                 | 0.16  | 0.01  | -   | 0.04  | 0.06                                                                                  | 0.02             | 0.02  | 0.02  | 0.01  | 0.03  | 0.02    |
| Total damaged kernels, %                           | 2.00                                                                                 | 1.84  | 0.4   | -   | 0.35  | 0.87                                                                                  | 0.45             | 0.48  | 0.45  | 0.39  | 0.76  | 0.53    |
| Combined deviations, %                             | 4.06                                                                                 | 3.73  | 2.76  | -   | 2.35  | 3.00                                                                                  | 1.75             | 2.17  | 1.88  | 2.04  | 4.28  | 2.55    |
| Heavily frost damaged kernels, %                   | 0.00                                                                                 | 0.00  | 0.00  | -   | 0.00  | 0.00                                                                                  | 0.05             | 0.00  | 0.04  | 0.00  | 0.02  | 0.02    |
| Field fungi, %                                     | 0.14                                                                                 | 0.10  | 0.38  | -   | 2.06  | 0.73                                                                                  | 0.28             | 0.32  | 0.22  | 0.27  | 0.60  | 0.36    |
| Storage fungi, %                                   | 0.00                                                                                 | 0.00  | 0.00  | -   | 0.00  | 0.00                                                                                  | 0.00             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Ergot, %                                           | 0.00                                                                                 | 0.00  | 0.00  | -   | 0.00  | 0.00                                                                                  | 0.00             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Poisonous seeds ( <i>Crotalaria spp.</i> , etc.)   | 0                                                                                    | 0     | 0     | -   | 0     | 0                                                                                     | 0                | 0     | 0     | 0     | 0     | 0       |
| Poisonous seeds ( <i>Argemone mexicana</i> , etc.) | 0                                                                                    | 0     | 0     | -   | 3     | 1                                                                                     | 0                | 0     | 0     | 0     | 0     | 0       |
| Live insects                                       | No                                                                                   | No    | No    | -   | No    | No                                                                                    | No               | No    | No    | No    | No    | No      |
| Undesirable odour                                  | No                                                                                   | No    | No    | -   | No    | No                                                                                    | No               | No    | No    | No    | No    | No      |
|                                                    | Super                                                                                | Gr1   | Gr2   | Gr3 | COW   | Average                                                                               | Super            | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | 1                                                                                    | 4     | 6     | -   | 4     | 15                                                                                    | 16               | 20    | 15    | 10    | 4     | 65      |
| Bühler Extraction, %                               | 71.7                                                                                 | 72.1  | 73.6  | -   | 73.4  | 73.0                                                                                  | 73.2             | 73.2  | 72.6  | 72.1  | 71.7  | 72.8    |
| <b>FLOUR</b>                                       |                                                                                      |       |       |     |       |                                                                                       |                  |       |       |       |       |         |
| Colour, Konica Minolta CM5 (dry)                   |                                                                                      |       |       |     |       |                                                                                       |                  |       |       |       |       |         |
| L*                                                 | 90.73                                                                                | 92.74 | 93.24 | -   | 93.31 | 92.96                                                                                 | 93.62            | 93.67 | 93.89 | 93.82 | 93.72 | 93.73   |
| a*                                                 | 0.54                                                                                 | 0.49  | 0.46  | -   | 0.48  | 0.48                                                                                  | 0.54             | 0.54  | 0.50  | 0.47  | 0.57  | 0.52    |
| b*                                                 | 9.67                                                                                 | 7.46  | 10.21 | -   | 10.18 | 9.43                                                                                  | 10.23            | 10.01 | 10.12 | 10.11 | 9.66  | 10.08   |
| Ash (db), %                                        | 0.60                                                                                 | 0.53  | 0.53  | -   | 0.60  | 0.55                                                                                  | 0.59             | 0.61  | 0.58  | 0.60  | 0.61  | 0.59    |
| Protein (12% mb), %                                | 11.3                                                                                 | 10.8  | 10.0  | -   | 9.8   | 10.2                                                                                  | 12.1             | 11.1  | 9.9   | 9.7   | 10.4  | 10.8    |
| Wet Gluten (14% mb), %                             | 24.7                                                                                 | 26.2  | 24.9  | -   | 24.4  | 25.1                                                                                  | 32.4             | 30.2  | 26.6  | 25.6  | 28.6  | 29.1    |
| Dry Gluten (14% mb), %                             | 8.4                                                                                  | 8.8   | 8.4   | -   | 8.2   | 8.5                                                                                   | 11.0             | 9.9   | 8.5   | 8.3   | 9.4   | 9.6     |
| Gluten Index                                       | 99                                                                                   | 98    | 98    | -   | 99    | 98                                                                                    | 96               | 96    | 95    | 96    | 96    | 96      |
| <b>100 g BAKING TEST</b>                           |                                                                                      |       |       |     |       |                                                                                       |                  |       |       |       |       |         |
| Baking water absorption, %                         | 61.3                                                                                 | 60.7  | 59.8  | -   | 59.6  | 60.1                                                                                  | 62.3             | 61.0  | 59.7  | 59.7  | 60.3  | 60.8    |
| Loaf volume, cm³                                   | 786                                                                                  | 957   | 988   | -   | 1041  | 980                                                                                   | 1140             | 1068  | 968   | 950   | 970   | 1038    |
| <b>FARINOGRAM</b>                                  |                                                                                      |       |       |     |       |                                                                                       |                  |       |       |       |       |         |
| Water absorption (14% mb), %                       | 59.7                                                                                 | 56.6  | 56.6  | -   | 56.4  | 56.7                                                                                  | 61.3             | 60.3  | 59.2  | 58.9  | 59.5  | 60.0    |
| Development time, min                              | 5.1                                                                                  | 4.1   | 1.5   | -   | 1.6   | 2.4                                                                                   | 6.7              | 5.2   | 5.2   | 4.5   | 4.1   | 5.4     |
| Stability, mm                                      | 5.6                                                                                  | 8.4   | 6.6   | -   | 9.1   | 7.7                                                                                   | 14.3             | 10.5  | 10.2  | 9.5   | 9.5   | 11.2    |
| Mixing tolerance index, BU                         | 135                                                                                  | 45    | 42    | -   | 35    | 47                                                                                    | 30               | 36    | 36    | 38    | 34    | 35      |
|                                                    |  |       |       |     |       |  |                  |       |       |       |       |         |

## 2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

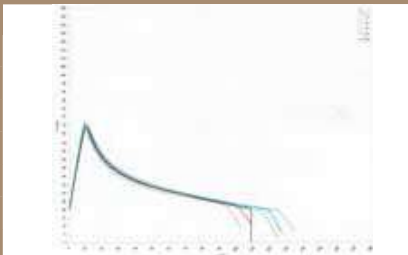
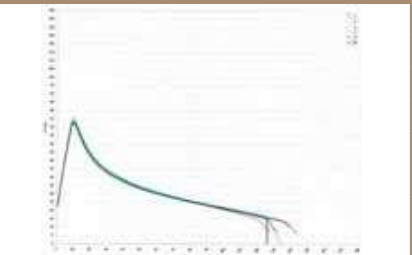
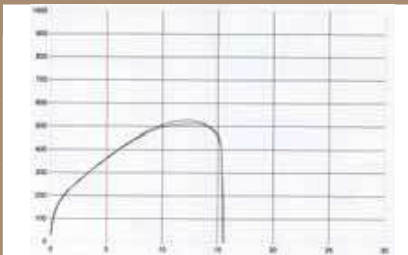
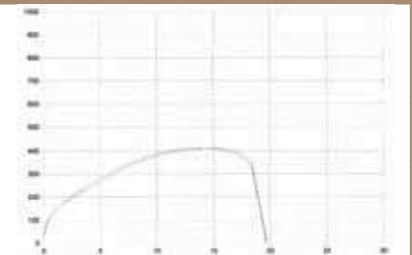
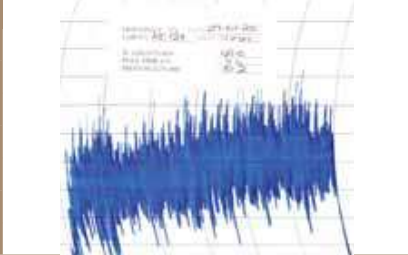
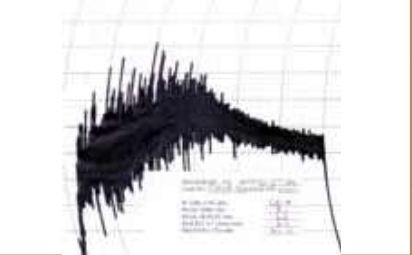
| Country of origin                   | Latvia Average                                                                      |      |      |     |      |         | RSA Crop Average                                                                      |      |      |      |      |         |
|-------------------------------------|-------------------------------------------------------------------------------------|------|------|-----|------|---------|---------------------------------------------------------------------------------------|------|------|------|------|---------|
| Class and Grade bread wheat         | Super                                                                               | Gr1  | Gr2  | Gr3 | COW  | Average | Super                                                                                 | Gr1  | Gr2  | Gr3  | COW  | Average |
| No. of samples                      | 1                                                                                   | 4    | 6    | -   | 4    | 15      | 16                                                                                    | 20   | 15   | 10   | 4    | 65      |
| ALVEOGRAM                           |                                                                                     |      |      |     |      |         |                                                                                       |      |      |      |      |         |
| Strength (S), cm <sup>2</sup>       | 22.0                                                                                | 37.2 | 36.0 | -   | 35.8 | 35.3    | 44.8                                                                                  | 40.7 | 36.0 | 33.6 | 37.3 | 39.3    |
| Stability (P), mm                   | 77                                                                                  | 85   | 78   | -   | 83   | 81      | 77                                                                                    | 79   | 84   | 80   | 79   | 80      |
| Distensibility (L), mm              | 79                                                                                  | 91   | 95   | -   | 84   | 90      | 145                                                                                   | 129  | 103  | 102  | 116  | 122     |
| P/L                                 | 0.97                                                                                | 0.95 | 0.84 | -   | 0.99 | 0.92    | 0.55                                                                                  | 0.62 | 0.88 | 0.87 | 0.68 | 0.71    |
|                                     |    |      |      |     |      |         |    |      |      |      |      |         |
| EXTENSOGRAM                         |                                                                                     |      |      |     |      |         |                                                                                       |      |      |      |      |         |
| Strength, cm <sup>2</sup>           | 82                                                                                  | 104  | 98   | -   | 94   | 98      | 131                                                                                   | 115  | 97   | 87   | 104  | 110     |
| Max. height, BU                     | 586                                                                                 | 499  | 458  | -   | 444  | 476     | 422                                                                                   | 416  | 401  | 351  | 396  | 403     |
| Extensibility, mm                   | 105                                                                                 | 150  | 157  | -   | 156  | 151     | 227                                                                                   | 203  | 176  | 177  | 189  | 198     |
|                                     |   |      |      |     |      |         |   |      |      |      |      |         |
| MIXOGRAM                            |                                                                                     |      |      |     |      |         |                                                                                       |      |      |      |      |         |
| Peak time, min                      | 4.4                                                                                 | 4.6  | 4.6  | -   | 4.8  | 4.6     | 2.9                                                                                   | 3.0  | 3.2  | 3.0  | 3.2  | 3.0     |
| Water absorption (14% mb), %        | 61.3                                                                                | 60.7 | 59.8 | -   | 59.6 | 60.1    | 62.3                                                                                  | 61.0 | 59.7 | 59.7 | 60.3 | 60.8    |
|                                     |  |      |      |     |      |         |  |      |      |      |      |         |
| MYCOTOXINS                          |                                                                                     |      |      |     |      |         |                                                                                       |      |      |      |      |         |
| Aflatoxin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>1</sub> (µg/kg)    | 5 [21]                                                                              |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>3</sub> (µg/kg)    | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Deoxynivalenol (µg/kg) [max. value] | 99 [237]                                                                            |      |      |     |      |         | 66 [478]                                                                              |      |      |      |      |         |
| 15-ADON (µg/kg)                     | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Ochratoxin A (µg/kg)                | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| Zearalenone (µg/kg)                 | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| HT-2 (µg/kg)                        | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| T-2 Toxin (µg/kg)                   | 0 [0]                                                                               |      |      |     |      |         | ND                                                                                    |      |      |      |      |         |
| No. of samples                      | 4                                                                                   |      |      |     |      |         | 40                                                                                    |      |      |      |      |         |

# Imported Wheat Quality - Lithuania (30 Sep 2023 to 27 Sep 2024)

2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

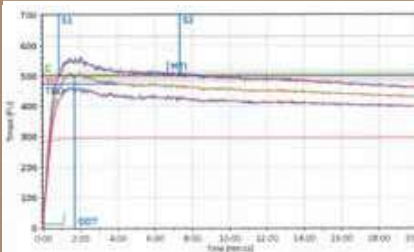
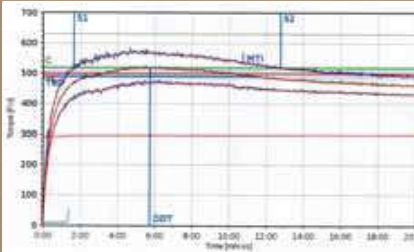
| Country of origin                                  | Lithuania Average                                                                    |       |       |       |       |         | RSA Crop Average                                                                      |       |       |       |       |         |
|----------------------------------------------------|--------------------------------------------------------------------------------------|-------|-------|-------|-------|---------|---------------------------------------------------------------------------------------|-------|-------|-------|-------|---------|
| Class and Grade bread wheat                        | Super                                                                                | Gr1   | Gr2   | Gr3   | COW   | Average | Super                                                                                 | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | 2                                                                                    | 2     | 14    | 1     | 6     | 44      | 64                                                                                    | 83    | 70    | 33    | 85    | 335     |
| <b>WHEAT GRADING</b>                               |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| Protein (12% mb), %                                | 12.5                                                                                 | 11.8  | 11.1  | 11.3  | 11.3  | 11.5    | 13.3                                                                                  | 12.0  | 11.0  | 10.4  | 11.6  | 11.8    |
| Moisture, %                                        | 12.2                                                                                 | 12.2  | 12.3  | 12.9  | 13.3  | 12.4    | 10.8                                                                                  | 11.1  | 11.0  | 11.1  | 11.2  | 11.1    |
| Falling number, sec                                | 401                                                                                  | 358   | 344   | 271   | 270   | 342     | 378                                                                                   | 375   | 380   | 373   | 371   | 375     |
| 1000 Kernel mass (13% mb), g                       | 48.6                                                                                 | 43.3  | 43.3  | 38.0  | 40.2  | 43.0    | 38.1                                                                                  | 40.0  | 40.5  | 38.7  | 38.1  | 39.1    |
| Hlm (dirty), kg/hl                                 | 81.7                                                                                 | 78.7  | 78.9  | 75.4  | 73.5  | 78.1    | 81.7                                                                                  | 80.5  | 81.6  | 80.8  | 79.3  | 80.7    |
| Screenings (<1.8 mm sieve), %                      | 0.72                                                                                 | 1.42  | 1.03  | 2.15  | 2.13  | 1.38    | 1.01                                                                                  | 1.24  | 1.04  | 1.27  | 2.37  | 1.45    |
| Gravel, stones, turf and glass, %                  | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Foreign matter, %                                  | 0.02                                                                                 | 0.06  | 0.04  | 0.06  | 0.09  | 0.06    | 0.06                                                                                  | 0.13  | 0.10  | 0.06  | 0.22  | 0.13    |
| Other grain & unthreshed ears, %                   | 0.14                                                                                 | 0.19  | 0.19  | 0.64  | 0.42  | 0.23    | 0.22                                                                                  | 0.32  | 0.28  | 0.32  | 0.93  | 0.45    |
| Heat damaged kernels, %                            | 0.00                                                                                 | 0.05  | 0.06  | 0.00  | 0.00  | 0.05    | 0.01                                                                                  | 0.01  | 0.01  | 0.03  | 0.04  | 0.02    |
| Immature kernels, %                                | 0.00                                                                                 | 0.01  | 0.01  | 0.00  | 0.02  | 0.01    | 0.10                                                                                  | 0.10  | 0.06  | 0.04  | 0.14  | 0.09    |
| Insect damaged kernels, %                          | 0.02                                                                                 | 0.20  | 0.13  | 0.18  | 0.82  | 0.25    | 0.32                                                                                  | 0.35  | 0.37  | 0.32  | 0.56  | 0.40    |
| Sprouted kernels, %                                | 0.00                                                                                 | 0.05  | 0.04  | 1.76  | 1.02  | 0.21    | 0.02                                                                                  | 0.02  | 0.02  | 0.01  | 0.03  | 0.02    |
| Total damaged kernels, %                           | 0.02                                                                                 | 0.31  | 0.24  | 1.94  | 1.85  | 0.52    | 0.45                                                                                  | 0.48  | 0.45  | 0.39  | 0.76  | 0.53    |
| Combined deviations, %                             | 0.90                                                                                 | 1.99  | 1.51  | 4.79  | 4.49  | 2.19    | 1.75                                                                                  | 2.17  | 1.88  | 2.04  | 4.28  | 2.55    |
| Heavily frost damaged kernels, %                   | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    | 0.05                                                                                  | 0.00  | 0.04  | 0.00  | 0.02  | 0.02    |
| Field fungi, %                                     | 1.01                                                                                 | 0.87  | 0.44  | 0.24  | 0.16  | 0.63    | 0.28                                                                                  | 0.32  | 0.22  | 0.27  | 0.60  | 0.36    |
| Storage fungi, %                                   | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Ergot, %                                           | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Poisonous seeds ( <i>Crotalaria spp.</i> , etc.)   | 0                                                                                    | 0     | 0     | 0     | 0     | 0       | 0                                                                                     | 0     | 0     | 0     | 0     | 0       |
| Poisonous seeds ( <i>Argemone mexicana</i> , etc.) | 0                                                                                    | 0     | 0     | 0     | 0     | 0       | 0                                                                                     | 0     | 0     | 0     | 0     | 0       |
| Live insects                                       | No                                                                                   | No    | No    | No    | No    | No      | No                                                                                    | No    | No    | No    | No    | No      |
| Undesirable odour                                  | No                                                                                   | No    | No    | No    | No    | No      | No                                                                                    | No    | No    | No    | No    | No      |
|                                                    | Super                                                                                | Gr1   | Gr2   | Gr3   | COW   | Average | Super                                                                                 | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | 2                                                                                    | 21    | 14    | 1     | 6     | 44      | 16                                                                                    | 20    | 15    | 10    | 4     | 65      |
| Bühler Extraction, %                               | 75.6                                                                                 | 74.2  | 73.8  | 73.1  | 73.4  | 74.0    | 73.2                                                                                  | 73.2  | 72.6  | 72.1  | 71.7  | 72.8    |
| <b>FLOUR</b>                                       |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| Colour, Konica Minolta CM5 (dry)                   |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| L*                                                 | 93.41                                                                                | 93.17 | 93.24 | 93.33 | 92.47 | 93.11   | 93.62                                                                                 | 93.67 | 93.89 | 93.82 | 93.72 | 93.73   |
| a*                                                 | 0.50                                                                                 | 0.52  | 0.50  | 0.56  | 0.48  | 0.51    | 0.54                                                                                  | 0.54  | 0.50  | 0.47  | 0.57  | 0.52    |
| b*                                                 | 10.25                                                                                | 10.13 | 10.14 | 10.14 | 9.63  | 10.07   | 10.23                                                                                 | 10.01 | 10.12 | 10.11 | 9.66  | 10.08   |
| Ash (db), %                                        | 0.51                                                                                 | 0.49  | 0.52  | 0.52  | 0.50  | 0.50    | 0.59                                                                                  | 0.61  | 0.58  | 0.60  | 0.61  | 0.59    |
| Protein (12% mb), %                                | 11.1                                                                                 | 10.5  | 9.8   | 10.0  | 10.0  | 10.2    | 12.1                                                                                  | 11.1  | 9.9   | 9.7   | 10.4  | 10.8    |
| Wet Gluten (14% mb), %                             | 26.1                                                                                 | 26.5  | 24.8  | 25.9  | 22.9  | 25.4    | 32.4                                                                                  | 30.2  | 26.6  | 25.6  | 28.6  | 29.1    |
| Dry Gluten (14% mb), %                             | 8.9                                                                                  | 9.0   | 8.4   | 8.7   | 7.9   | 8.6     | 11.0                                                                                  | 9.9   | 8.5   | 8.3   | 9.4   | 9.6     |
| Gluten Index                                       | 99                                                                                   | 98    | 99    | 98    | 99    | 98      | 96                                                                                    | 96    | 95    | 96    | 96    | 96      |
| <b>100 g BAKING TEST</b>                           |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| Baking water absorption, %                         | 61.1                                                                                 | 60.3  | 59.7  | 59.8  | 59.8  | 60.1    | 62.3                                                                                  | 61.0  | 59.7  | 59.7  | 60.3  | 60.8    |
| Loaf volume, cm <sup>3</sup>                       | 1033                                                                                 | 1014  | 936   | 993   | 957   | 982     | 1140                                                                                  | 1068  | 968   | 950   | 970   | 1038    |
| <b>FARINOGRAM</b>                                  |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| Water absorption (14% mb), %                       | 54.6                                                                                 | 55.5  | 55.8  | 56.6  | 56.8  | 55.8    | 61.3                                                                                  | 60.3  | 59.2  | 58.9  | 59.5  | 60.0    |
| Development time, min                              | 2.3                                                                                  | 1.7   | 1.5   | 1.5   | 4.5   | 2.0     | 6.7                                                                                   | 5.2   | 5.2   | 4.5   | 4.1   | 5.4     |
| Stability, mm                                      | 20.0                                                                                 | 11.7  | 7.8   | 4.3   | 7.3   | 10.1    | 14.3                                                                                  | 10.5  | 10.2  | 9.5   | 9.5   | 11.2    |
| Mixing tolerance index, BU                         | 20                                                                                   | 34    | 41    | 51    | 57    | 39      | 30                                                                                    | 36    | 36    | 38    | 34    | 35      |
|                                                    |  |       |       |       |       |         |  |       |       |       |       |         |

## 2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

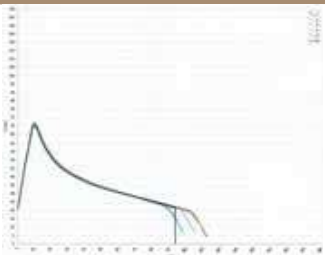
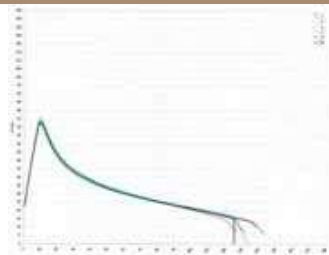
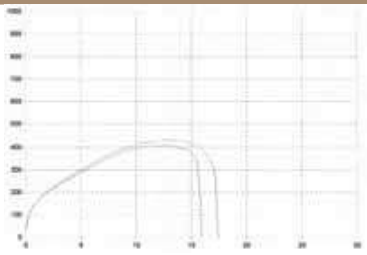
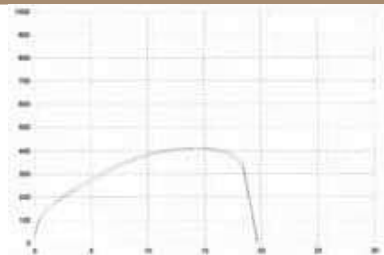
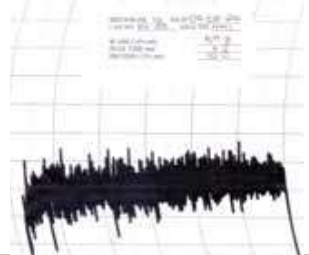
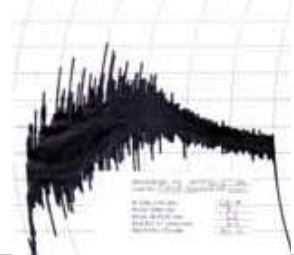
| Country of origin                   | Lithuania Average                                                                   |      |      |      |      |         | RSA Crop Average                                                                      |      |      |      |      |         |
|-------------------------------------|-------------------------------------------------------------------------------------|------|------|------|------|---------|---------------------------------------------------------------------------------------|------|------|------|------|---------|
| Class and Grade bread wheat         | Super                                                                               | Gr1  | Gr2  | Gr3  | COW  | Average | Super                                                                                 | Gr1  | Gr2  | Gr3  | COW  | Average |
| No. of samples                      | 2                                                                                   | 21   | 14   | 1    | 6    | 44      | 16                                                                                    | 20   | 15   | 10   | 4    | 65      |
|                                     |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| ALVEOGRAM                           |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| Strength (S), cm²                   | 40.0                                                                                | 37.8 | 36.8 | 35.0 | 34.2 | 37.0    | 44.8                                                                                  | 40.7 | 36.0 | 33.6 | 37.3 | 39.3    |
| Stability (P), mm                   | 65                                                                                  | 74   | 75   | 74   | 86   | 76      | 77                                                                                    | 79   | 84   | 80   | 79   | 80      |
| Distensibility (L), mm              | 117                                                                                 | 104  | 102  | 97   | 83   | 101     | 145                                                                                   | 129  | 103  | 102  | 116  | 122     |
| P/L                                 | 0.56                                                                                | 0.73 | 0.73 | 0.76 | 1.09 | 0.77    | 0.55                                                                                  | 0.62 | 0.88 | 0.87 | 0.68 | 0.71    |
|                                     |    |      |      |      |      |         |    |      |      |      |      |         |
|                                     |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| EXTENSOGRAM                         |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| Strength, cm²                       | 137                                                                                 | 111  | 110  | 106  | 103  | 110     | 131                                                                                   | 115  | 97   | 87   | 104  | 110     |
| Max. height, BU                     | 471                                                                                 | 501  | 495  | 450  | 500  | 497     | 422                                                                                   | 416  | 401  | 351  | 396  | 403     |
| Extensibility, mm                   | 173                                                                                 | 163  | 163  | 173  | 151  | 162     | 227                                                                                   | 203  | 176  | 177  | 189  | 198     |
|                                     |   |      |      |      |      |         |   |      |      |      |      |         |
|                                     |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| MIXOGRAM                            |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| Peak time, min                      | 5.0                                                                                 | 4.6  | 4.4  | 4.3  | 4.7  | 4.5     | 2.9                                                                                   | 3.0  | 3.2  | 3.0  | 3.2  | 3.0     |
| Water absorption (14% mb), %        | 61.1                                                                                | 60.3 | 59.7 | 59.8 | 59.8 | 60.1    | 62.3                                                                                  | 61.0 | 59.7 | 59.7 | 60.3 | 60.8    |
|                                     |  |      |      |      |      |         |  |      |      |      |      |         |
|                                     |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| MYCOTOXINS                          |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| Aflatoxin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>3</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Deoxynivalenol (µg/kg) [max. value] | 0 [0]                                                                               |      |      |      |      |         | 66 [478]                                                                              |      |      |      |      |         |
| 15-ADON (µg/kg)                     | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Ochratoxin A (µg/kg)                | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Zearalenone (µg/kg)                 | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| HT-2 (µg/kg)                        | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| T-2 Toxin (µg/kg)                   | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| No. of samples                      | 12                                                                                  |      |      |      |      |         | 40                                                                                    |      |      |      |      |         |

# Imported Wheat Quality - Poland (30 Sep 2023 to 27 Sep 2024)

2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

| Country of origin                                  | Poland Average                                                                       |       |       |       |       |         | RSA Crop Average                                                                      |       |       |       |       |         |
|----------------------------------------------------|--------------------------------------------------------------------------------------|-------|-------|-------|-------|---------|---------------------------------------------------------------------------------------|-------|-------|-------|-------|---------|
| Class and Grade bread wheat                        | Super                                                                                | Gr1   | Gr2   | Gr3   | COW   | Average | Super                                                                                 | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | 1                                                                                    | 5     | 18    | 3     | 4     | 31      | 64                                                                                    | 83    | 70    | 33    | 85    | 335     |
| <b>WHEAT GRADING</b>                               |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| Protein (12% mb), %                                | 12.5                                                                                 | 11.9  | 11.1  | 9.5   | 10.4  | 11.0    | 13.3                                                                                  | 12.0  | 11.0  | 10.4  | 11.6  | 11.8    |
| Moisture, %                                        | 12.3                                                                                 | 12.5  | 11.8  | 12.6  | 12.2  | 12.1    | 10.8                                                                                  | 11.1  | 11.0  | 11.1  | 11.2  | 11.1    |
| Falling number, sec                                | 445                                                                                  | 360   | 307   | 352   | 346   | 329     | 378                                                                                   | 375   | 380   | 373   | 371   | 375     |
| 1000 Kernel mass (13% mb), g                       | 39.0                                                                                 | 40.6  | 38.6  | 37.7  | 37.4  | 38.7    | 38.1                                                                                  | 40.0  | 40.5  | 38.7  | 38.1  | 39.1    |
| Hlm (dirty), kg/hl                                 | 79.3                                                                                 | 78.3  | 77.8  | 80.3  | 78.2  | 78.2    | 81.7                                                                                  | 80.5  | 81.6  | 80.8  | 79.3  | 80.7    |
| Screenings (<1.8 mm sieve), %                      | 2.95                                                                                 | 2.13  | 2.13  | 0.75  | 2.60  | 2.08    | 1.01                                                                                  | 1.24  | 1.04  | 1.27  | 2.37  | 1.45    |
| Gravel, stones, turf and glass, %                  | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Foreign matter, %                                  | 0.04                                                                                 | 0.08  | 0.13  | 0.49  | 0.27  | 0.17    | 0.06                                                                                  | 0.13  | 0.10  | 0.06  | 0.22  | 0.13    |
| Other grain & unthreshed ears, %                   | 0.56                                                                                 | 0.66  | 0.26  | 0.31  | 0.43  | 0.36    | 0.22                                                                                  | 0.32  | 0.28  | 0.32  | 0.93  | 0.45    |
| Heat damaged kernels, %                            | 0.00                                                                                 | 0.00  | 0.01  | 0.03  | 0.00  | 0.01    | 0.01                                                                                  | 0.01  | 0.01  | 0.03  | 0.04  | 0.02    |
| Immature kernels, %                                | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    | 0.10                                                                                  | 0.10  | 0.06  | 0.04  | 0.14  | 0.09    |
| Insect damaged kernels, %                          | 0.08                                                                                 | 0.12  | 0.12  | 0.07  | 0.05  | 0.11    | 0.32                                                                                  | 0.35  | 0.37  | 0.32  | 0.56  | 0.40    |
| Sprouted kernels, %                                | 0.00                                                                                 | 0.00  | 0.06  | 0.08  | 0.08  | 0.05    | 0.02                                                                                  | 0.02  | 0.02  | 0.01  | 0.03  | 0.02    |
| Total damaged kernels, %                           | 0.08                                                                                 | 0.12  | 0.19  | 0.17  | 0.13  | 0.17    | 0.45                                                                                  | 0.48  | 0.45  | 0.39  | 0.76  | 0.53    |
| Combined deviations, %                             | 3.63                                                                                 | 2.98  | 2.71  | 1.72  | 3.42  | 2.78    | 1.75                                                                                  | 2.17  | 1.88  | 2.04  | 4.28  | 2.55    |
| Heavily frost damaged kernels, %                   | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    | 0.05                                                                                  | 0.00  | 0.04  | 0.00  | 0.02  | 0.02    |
| Field fungi, %                                     | 0.08                                                                                 | 0.05  | 0.34  | 0.13  | 0.14  | 0.24    | 0.28                                                                                  | 0.32  | 0.22  | 0.27  | 0.60  | 0.36    |
| Storage fungi, %                                   | 0.00                                                                                 | 0.02  | 0.00  | 0.00  | 0.00  | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Ergot, %                                           | 0.00                                                                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    | 0.00                                                                                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Poisonous seeds ( <i>Crotalaria spp.</i> , etc.)   | 0                                                                                    | 0     | 0     | 0     | 0     | 0       | 0                                                                                     | 0     | 0     | 0     | 0     | 0       |
| Poisonous seeds ( <i>Argemone mexicana</i> , etc.) | 0                                                                                    | 0     | 0     | 0     | 0     | 0       | 0                                                                                     | 0     | 0     | 0     | 0     | 0       |
| Live insects                                       | No                                                                                   | No    | No    | No    | No    | No      | No                                                                                    | No    | No    | No    | No    | No      |
| Undesirable odour                                  | No                                                                                   | No    | No    | No    | No    | No      | No                                                                                    | No    | No    | No    | No    | No      |
|                                                    | Super                                                                                | Gr1   | Gr2   | Gr3   | COW   | Average | Super                                                                                 | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | 1                                                                                    | 5     | 18    | 3     | 4     | 31      | 16                                                                                    | 20    | 15    | 10    | 4     | 65      |
| Bühler Extraction, %                               | 74.1                                                                                 | 73.6  | 73.3  | 71.8  | 72.8  | 73.1    | 73.2                                                                                  | 73.2  | 72.6  | 72.1  | 71.7  | 72.8    |
| <b>FLOUR</b>                                       |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| Colour, Konica Minolta CM5 (dry)                   |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| L*                                                 | 93.02                                                                                | 93.36 | 93.4  | 95.02 | 94.14 | 93.64   | 93.62                                                                                 | 93.67 | 93.89 | 93.82 | 93.72 | 93.73   |
| a*                                                 | 0.64                                                                                 | 0.53  | 0.46  | 0.23  | 0.38  | 0.44    | 0.54                                                                                  | 0.54  | 0.50  | 0.47  | 0.57  | 0.52    |
| b*                                                 | 9.98                                                                                 | 9.87  | 10.20 | 8.66  | 9.41  | 9.89    | 10.23                                                                                 | 10.01 | 10.12 | 10.11 | 9.66  | 10.08   |
| Ash (db), %                                        | 0.51                                                                                 | 0.51  | 0.52  | 0.45  | 0.49  | 0.51    | 0.59                                                                                  | 0.61  | 0.58  | 0.60  | 0.61  | 0.59    |
| Protein (12% mb), %                                | 11.4                                                                                 | 10.6  | 9.8   | 7.6   | 8.8   | 9.6     | 12.1                                                                                  | 11.1  | 9.9   | 9.7   | 10.4  | 10.8    |
| Wet Gluten (14% mb), %                             | 32.8                                                                                 | 28.0  | 24.1  | -     | 23.8  | 25.1    | 32.4                                                                                  | 30.2  | 26.6  | 25.6  | 28.6  | 29.1    |
| Dry Gluten (14% mb), %                             | 11.0                                                                                 | 9.5   | 8.2   | -     | 7.8   | 8.5     | 11.0                                                                                  | 9.9   | 8.5   | 8.3   | 9.4   | 9.6     |
| Gluten Index                                       | 97                                                                                   | 98    | 99    | -     | 97    | 98      | 96                                                                                    | 96    | 95    | 96    | 96    | 96      |
| <b>100 g BAKING TEST</b>                           |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| Baking water absorption, %                         | 61.4                                                                                 | 60.5  | 59.6  | 58.2  | 58.9  | 59.6    | 62.3                                                                                  | 61.0  | 59.7  | 59.7  | 60.3  | 60.8    |
| Loaf volume, cm <sup>3</sup>                       | 916                                                                                  | 1011  | 972   | 848   | 886   | 953     | 1140                                                                                  | 1068  | 968   | 950   | 970   | 1038    |
| <b>FARINOGRAM</b>                                  |                                                                                      |       |       |       |       |         |                                                                                       |       |       |       |       |         |
| Water absorption (14% mb), %                       | 60.4                                                                                 | 56.9  | 55.8  | 50.6  | 53.6  | 55.3    | 61.3                                                                                  | 60.3  | 59.2  | 58.9  | 59.5  | 60.0    |
| Development time, min                              | 4.2                                                                                  | 1.9   | 1.5   | 1.0   | 1.2   | 1.5     | 6.7                                                                                   | 5.2   | 5.2   | 4.5   | 4.1   | 5.4     |
| Stability, mm                                      | 10.4                                                                                 | 11.5  | 6.0   | 1.4   | 4.5   | 6.4     | 14.3                                                                                  | 10.5  | 10.2  | 9.5   | 9.5   | 11.2    |
| Mixing tolerance index, BU                         | 31                                                                                   | 30    | 45    | 97    | 76    | 51      | 30                                                                                    | 36    | 36    | 38    | 34    | 35      |
|                                                    |  |       |       |       |       |         |  |       |       |       |       |         |

## 2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

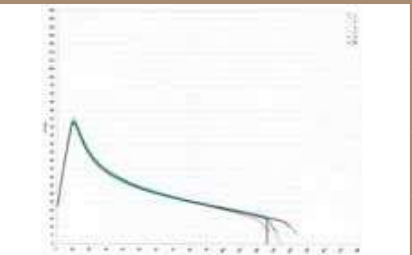
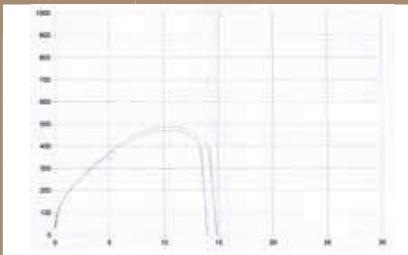
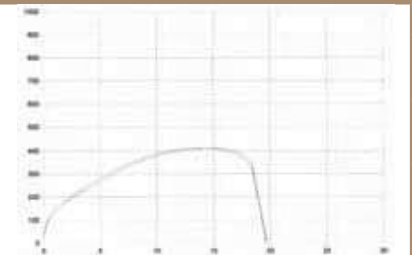
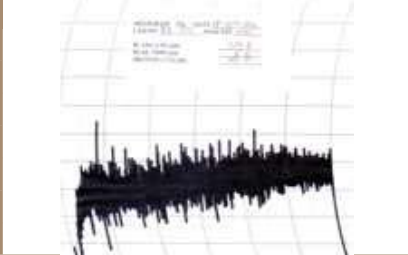
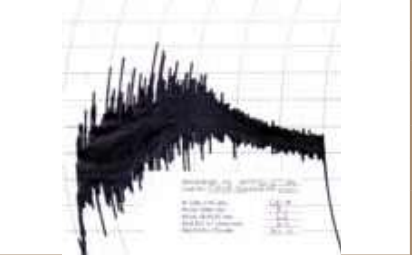
| Country of origin                   | Poland Average                                                                      |      |      |      |      |         | RSA Crop Average                                                                      |      |      |      |      |         |
|-------------------------------------|-------------------------------------------------------------------------------------|------|------|------|------|---------|---------------------------------------------------------------------------------------|------|------|------|------|---------|
| Class and Grade bread wheat         | Super                                                                               | Gr1  | Gr2  | Gr3  | COW  | Average | Super                                                                                 | Gr1  | Gr2  | Gr3  | COW  | Average |
| No. of samples                      | 1                                                                                   | 5    | 18   | 3    | 4    | 31      | 16                                                                                    | 20   | 15   | 10   | 4    | 65      |
| ALVEOGRAM                           |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| Strength (S), cm <sup>2</sup>       | 46.8                                                                                | 41.3 | 35.8 | 15.2 | 26.2 | 33.8    | 44.8                                                                                  | 40.7 | 36.0 | 33.6 | 37.3 | 39.3    |
| Stability (P), mm                   | 84                                                                                  | 81   | 76   | 43   | 60   | 72      | 77                                                                                    | 79   | 84   | 80   | 79   | 80      |
| Distensibility (L), mm              | 135                                                                                 | 106  | 93   | 72   | 88   | 94      | 145                                                                                   | 129  | 103  | 102  | 116  | 122     |
| P/L                                 | 0.62                                                                                | 0.77 | 0.83 | 0.61 | 0.69 | 0.77    | 0.55                                                                                  | 0.62 | 0.88 | 0.87 | 0.68 | 0.71    |
|                                     |    |      |      |      |      |         |    |      |      |      |      |         |
| EXTENSOGRAM                         |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| Strength, cm <sup>2</sup>           | 96                                                                                  | 104  | 95   | 63   | 78   | 91      | 131                                                                                   | 115  | 97   | 87   | 104  | 110     |
| Max. height, BU                     | 355                                                                                 | 475  | 421  | 365  | 418  | 422     | 422                                                                                   | 416  | 401  | 351  | 396  | 403     |
| Extensibility, mm                   | 193                                                                                 | 162  | 165  | 129  | 133  | 158     | 227                                                                                   | 203  | 176  | 177  | 189  | 198     |
|                                     |   |      |      |      |      |         |   |      |      |      |      |         |
| MIXOGRAM                            |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| Peak time, min                      | 2.9                                                                                 | 4.1  | 4.7  | 5.3  | 4.4  | 4.5     | 2.9                                                                                   | 3.0  | 3.2  | 3.0  | 3.2  | 3.0     |
| Water absorption (14% mb), %        | 61.4                                                                                | 60.5 | 59.6 | 57.9 | 58.9 | 59.5    | 62.3                                                                                  | 61.0 | 59.7 | 59.7 | 60.3 | 60.8    |
|                                     |  |      |      |      |      |         |  |      |      |      |      |         |
| MYCOTOXINS                          |                                                                                     |      |      |      |      |         |                                                                                       |      |      |      |      |         |
| Aflatoxin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>3</sub> (µg/kg)    | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Deoxynivalenol (µg/kg) [max. value] | 55 [308]                                                                            |      |      |      |      |         | 66 [478]                                                                              |      |      |      |      |         |
| 15-ADON (µg/kg)                     | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Ochratoxin A (µg/kg)                | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Zearalenone (µg/kg)                 | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| HT-2 (µg/kg)                        | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| T-2 Toxin (µg/kg)                   | 0 [0]                                                                               |      |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| No. of samples                      | 9                                                                                   |      |      |      |      |         | 40                                                                                    |      |      |      |      |         |

# Imported Wheat Quality - Russian Federation (30 Sep 2023 to 27 Sep 2024)

2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

| Country of origin                                  | Russian Federation Average |     |       |       |       |         | RSA Crop Average |       |       |       |       |         |
|----------------------------------------------------|----------------------------|-----|-------|-------|-------|---------|------------------|-------|-------|-------|-------|---------|
| Class and Grade bread wheat                        | Super                      | Gr1 | Gr2   | Gr3   | COW   | Average | Super            | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | -                          | -   | 13    | 1     | 17    | 31      | 64               | 83    | 70    | 33    | 85    | 335     |
| <b>WHEAT GRADING</b>                               |                            |     |       |       |       |         |                  |       |       |       |       |         |
| Protein (12% mb), %                                | -                          | -   | 11.3  | 11.6  | 11.2  | 11.2    | 13.3             | 12.0  | 11.0  | 10.4  | 11.6  | 11.8    |
| Moisture, %                                        | -                          | -   | 11.9  | 10.9  | 11.8  | 11.8    | 10.8             | 11.1  | 11.0  | 11.1  | 11.2  | 11.1    |
| Falling number, sec                                | -                          | -   | 333   | 443   | 362   | 353     | 378              | 375   | 380   | 373   | 371   | 375     |
| 1000 Kernel mass (13% mb), g                       | -                          | -   | 39.0  | 35.4  | 37.9  | 38.3    | 38.1             | 40.0  | 40.5  | 38.7  | 38.1  | 39.1    |
| Hlm (dirty), kg/hl                                 | -                          | -   | 77.6  | 75.7  | 76.3  | 76.8    | 81.7             | 80.5  | 81.6  | 80.8  | 79.3  | 80.7    |
| Screenings (<1.8 mm sieve), %                      | -                          | -   | 1.76  | 2.50  | 3.37  | 2.66    | 1.01             | 1.24  | 1.04  | 1.27  | 2.37  | 1.45    |
| Gravel, stones, turf and glass, %                  | -                          | -   | 0.00  | 0.00  | 0.00  | 0.00    | 0.00             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Foreign matter, %                                  | -                          | -   | 0.17  | 0.04  | 0.28  | 0.22    | 0.06             | 0.13  | 0.10  | 0.06  | 0.22  | 0.13    |
| Other grain & unthreshed ears, %                   | -                          | -   | 0.25  | 0.00  | 0.21  | 0.22    | 0.22             | 0.32  | 0.28  | 0.32  | 0.93  | 0.45    |
| Heat damaged kernels, %                            | -                          | -   | 0.00  | 0.00  | 0.05  | 0.03    | 0.01             | 0.01  | 0.01  | 0.03  | 0.04  | 0.02    |
| Immature kernels, %                                | -                          | -   | 0.01  | 0.00  | 0.01  | 0.01    | 0.10             | 0.10  | 0.06  | 0.04  | 0.14  | 0.09    |
| Insect damaged kernels, %                          | -                          | -   | 0.16  | 0.12  | 0.43  | 0.31    | 0.32             | 0.35  | 0.37  | 0.32  | 0.56  | 0.40    |
| Sprouted kernels, %                                | -                          | -   | 0.09  | 0.00  | 0.08  | 0.09    | 0.02             | 0.02  | 0.02  | 0.01  | 0.03  | 0.02    |
| Total damaged kernels, %                           | -                          | -   | 0.26  | 0.12  | 0.57  | 0.43    | 0.45             | 0.48  | 0.45  | 0.39  | 0.76  | 0.53    |
| Combined deviations, %                             | -                          | -   | 2.43  | 2.66  | 4.43  | 3.54    | 1.75             | 2.17  | 1.88  | 2.04  | 4.28  | 2.55    |
| Heavily frost damaged kernels, %                   | -                          | -   | 0.00  | 0.00  | 0.00  | 0.00    | 0.05             | 0.00  | 0.04  | 0.00  | 0.02  | 0.02    |
| Field fungi, %                                     | -                          | -   | 0.72  | 0.66  | 1.13  | 0.94    | 0.28             | 0.32  | 0.22  | 0.27  | 0.60  | 0.36    |
| Storage fungi, %                                   | -                          | -   | 0.00  | 0.00  | 0.00  | 0.00    | 0.00             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Ergot, %                                           | -                          | -   | 0.00  | 0.00  | 0.00  | 0.00    | 0.00             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Poisonous seeds ( <i>Crotalaria spp.</i> , etc.)   | -                          | -   | 0     | 0     | 0     | 0       | 0                | 0     | 0     | 0     | 0     | 0       |
| Poisonous seeds ( <i>Argemone mexicana</i> , etc.) | -                          | -   | 1     | 0     | 6     | 4       | 0                | 0     | 0     | 0     | 0     | 0       |
| Live insects                                       | -                          | -   | No    | No    | No    | No      | No               | No    | No    | No    | No    | No      |
| Undesirable odour                                  | -                          | -   | No    | No    | No    | No      | No               | No    | No    | No    | No    | No      |
|                                                    |                            |     |       |       |       |         |                  |       |       |       |       |         |
|                                                    | Super                      | Gr1 | Gr2   | Gr3   | COW   | Average | Super            | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | -                          | -   | 13    | 1     | 17    | 31      | 16               | 20    | 15    | 10    | 4     | 65      |
| Bühler Extraction, %                               | -                          | -   | 73.3  | 73.8  | 73.2  | 73.3    | 73.2             | 73.2  | 72.6  | 72.1  | 71.7  | 72.8    |
|                                                    |                            |     |       |       |       |         |                  |       |       |       |       |         |
| <b>FLOUR</b>                                       |                            |     |       |       |       |         |                  |       |       |       |       |         |
| Colour, Konica Minolta CM5 (dry)                   |                            |     |       |       |       |         |                  |       |       |       |       |         |
| L*                                                 | -                          | -   | 93.32 | 93.39 | 93.32 | 93.32   | 93.62            | 93.67 | 93.89 | 93.82 | 93.72 | 93.73   |
| a*                                                 | -                          | -   | 0.48  | 0.42  | 0.48  | 0.48    | 0.54             | 0.54  | 0.50  | 0.47  | 0.57  | 0.52    |
| b*                                                 | -                          | -   | 10.88 | 10.77 | 10.89 | 10.88   | 10.23            | 10.01 | 10.12 | 10.11 | 9.66  | 10.08   |
| Ash (db), %                                        | -                          | -   | 0.56  | 0.64  | 0.59  | 0.58    | 0.59             | 0.61  | 0.58  | 0.60  | 0.61  | 0.59    |
| Protein (12% mb), %                                | -                          | -   | 10.0  | 10.1  | 9.9   | 9.9     | 12.1             | 11.1  | 9.9   | 9.7   | 10.4  | 10.8    |
| Wet Gluten (14% mb), %                             | -                          | -   | 25.0  | 25.3  | 24.2  | 24.6    | 32.4             | 30.2  | 26.6  | 25.6  | 28.6  | 29.1    |
| Dry Gluten (14% mb), %                             | -                          | -   | 8.3   | 8.4   | 8.0   | 8.2     | 11.0             | 9.9   | 8.5   | 8.3   | 9.4   | 9.6     |
| Gluten Index                                       | -                          | -   | 98    | 97    | 98    | 98      | 96               | 96    | 95    | 96    | 96    | 96      |
|                                                    |                            |     |       |       |       |         |                  |       |       |       |       |         |
| <b>100 g BAKING TEST</b>                           |                            |     |       |       |       |         |                  |       |       |       |       |         |
| Baking water absorption, %                         | -                          | -   | 59.7  | 59.9  | 59.7  | 59.7    | 62.3             | 61.0  | 59.7  | 59.7  | 60.3  | 60.8    |
| Loaf volume, cm <sup>3</sup>                       | -                          | -   | 1004  | 967   | 960   | 979     | 1140             | 1068  | 968   | 950   | 970   | 1038    |
|                                                    |                            |     |       |       |       |         |                  |       |       |       |       |         |
| <b>FARINOGRAM</b>                                  |                            |     |       |       |       |         |                  |       |       |       |       |         |
| Water absorption (14% mb), %                       | -                          | -   | 56.7  | 56.8  | 56.1  | 56.3    | 61.3             | 60.3  | 59.2  | 58.9  | 59.5  | 60.0    |
| Development time, min                              | -                          | -   | 1.5   | 1.4   | 1.9   | 1.7     | 6.7              | 5.2   | 5.2   | 4.5   | 4.1   | 5.4     |
| Stability, mm                                      | -                          | -   | 8.7   | 11.4  | 8.0   | 8.4     | 14.3             | 10.5  | 10.2  | 9.5   | 9.5   | 11.2    |
| Mixing tolerance index, BU                         | -                          | -   | 35    | 32    | 37    | 36      | 30               | 36    | 36    | 38    | 34    | 35      |
|                                                    |                            |     |       |       |       |         |                  |       |       |       |       |         |

## 2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

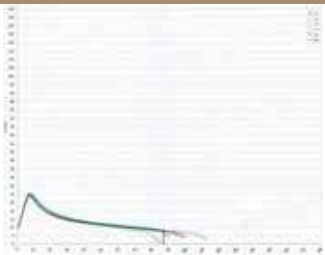
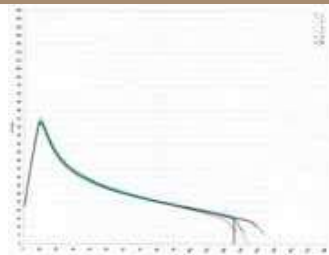
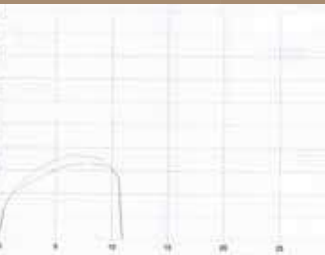
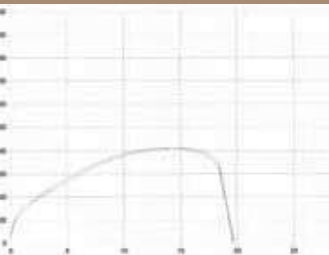
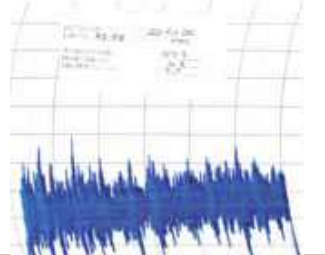
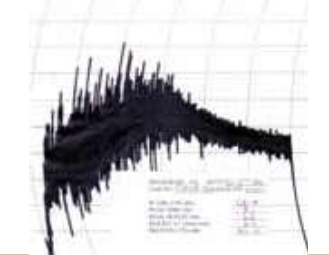
| Country of origin                   | Russian Federation Average                                                          |     |      |      |      |         | RSA Crop Average                                                                      |      |      |      |      |         |
|-------------------------------------|-------------------------------------------------------------------------------------|-----|------|------|------|---------|---------------------------------------------------------------------------------------|------|------|------|------|---------|
| Class and Grade bread wheat         | Super                                                                               | Gr1 | Gr2  | Gr3  | COW  | Average | Super                                                                                 | Gr1  | Gr2  | Gr3  | COW  | Average |
| No. of samples                      | -                                                                                   | -   | 13   | 1    | 17   | 31      | 16                                                                                    | 20   | 15   | 10   | 4    | 65      |
| ALVEOGRAM                           |                                                                                     |     |      |      |      |         |                                                                                       |      |      |      |      |         |
| Strength (S), cm <sup>2</sup>       | -                                                                                   | -   | 35.3 | 34.6 | 33.1 | 34.1    | 44.8                                                                                  | 40.7 | 36.0 | 33.6 | 37.3 | 39.3    |
| Stability (P), mm                   | -                                                                                   | -   | 81   | 80   | 75   | 78      | 77                                                                                    | 79   | 84   | 80   | 79   | 80      |
| Distensibility (L), mm              | -                                                                                   | -   | 87   | 85   | 88   | 87      | 145                                                                                   | 129  | 103  | 102  | 116  | 122     |
| P/L                                 | -                                                                                   | -   | 0.94 | 0.94 | 0.87 | 0.90    | 0.55                                                                                  | 0.62 | 0.88 | 0.87 | 0.68 | 0.71    |
|                                     |    |     |      |      |      |         |    |      |      |      |      |         |
| EXTENSOGRAM                         |                                                                                     |     |      |      |      |         |                                                                                       |      |      |      |      |         |
| Strength, cm <sup>2</sup>           | -                                                                                   | -   | 96   | 92   | 88   | 91      | 131                                                                                   | 115  | 97   | 87   | 104  | 110     |
| Max. height, BU                     | -                                                                                   | -   | 483  | 410  | 437  | 455     | 422                                                                                   | 416  | 401  | 351  | 396  | 403     |
| Extensibility, mm                   | -                                                                                   | -   | 147  | 163  | 148  | 148     | 227                                                                                   | 203  | 176  | 177  | 189  | 198     |
|                                     |   |     |      |      |      |         |   |      |      |      |      |         |
| MIXOGRAM                            |                                                                                     |     |      |      |      |         |                                                                                       |      |      |      |      |         |
| Peak time, min                      | -                                                                                   | -   | 4.8  | 4.8  | 5.0  | 4.9     | 2.9                                                                                   | 3.0  | 3.2  | 3.0  | 3.2  | 3.0     |
| Water absorption (14% mb), %        | -                                                                                   | -   | 59.8 | 59.9 | 59.7 | 59.7    | 62.3                                                                                  | 61.0 | 59.7 | 59.7 | 60.3 | 60.8    |
|                                     |  |     |      |      |      |         |  |      |      |      |      |         |
| MYCOTOXINS                          |                                                                                     |     |      |      |      |         |                                                                                       |      |      |      |      |         |
| Aflatoxin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>3</sub> (µg/kg)    | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Deoxynivalenol (µg/kg) [max. value] | 256 [743]                                                                           |     |      |      |      |         | 66 [478]                                                                              |      |      |      |      |         |
| 15-ADON (µg/kg)                     | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Ochratoxin A (µg/kg)                | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| Zearalenone (µg/kg)                 | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| HT-2 (µg/kg)                        | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| T-2 Toxin (µg/kg)                   | 0 [0]                                                                               |     |      |      |      |         | ND                                                                                    |      |      |      |      |         |
| No. of samples                      | 6                                                                                   |     |      |      |      |         | 40                                                                                    |      |      |      |      |         |

# Imported Wheat Quality - USA (30 Sep 2023 to 27 Sep 2024)

2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

| Country of origin                                  | USA Average |     |     |     |       |         | RSA Crop Average |       |       |       |       |         |
|----------------------------------------------------|-------------|-----|-----|-----|-------|---------|------------------|-------|-------|-------|-------|---------|
| Class and Grade bread wheat                        | Super       | Gr1 | Gr2 | Gr3 | COW   | Average | Super            | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | -           | -   | -   | -   | 5     | 5       | 64               | 83    | 70    | 33    | 85    | 335     |
| <b>WHEAT GRADING</b>                               |             |     |     |     |       |         |                  |       |       |       |       |         |
| Protein (12% mb), %                                | -           | -   | -   | -   | 9.4   | 9.4     | 13.3             | 12.0  | 11.0  | 10.4  | 11.6  | 11.8    |
| Moisture, %                                        | -           | -   | -   | -   | 12.4  | 12.4    | 10.8             | 11.1  | 11.0  | 11.1  | 11.2  | 11.1    |
| Falling number, sec                                | -           | -   | -   | -   | 371   | 371     | 378              | 375   | 380   | 373   | 371   | 375     |
| 1000 Kernel mass (13% mb), g                       | -           | -   | -   | -   | 36.4  | 36.4    | 38.1             | 40.0  | 40.5  | 38.7  | 38.1  | 39.1    |
| Hlm (dirty), kg/hl                                 | -           | -   | -   | -   | 79.2  | 79.2    | 81.7             | 80.5  | 81.6  | 80.8  | 79.3  | 80.7    |
| Screenings (<1.8 mm sieve), %                      | -           | -   | -   | -   | 1.44  | 1.44    | 1.01             | 1.24  | 1.04  | 1.27  | 2.37  | 1.45    |
| Gravel, stones, turf and glass, %                  | -           | -   | -   | -   | 0.00  | 0.00    | 0.00             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Foreign matter, %                                  | -           | -   | -   | -   | 0.15  | 0.15    | 0.06             | 0.13  | 0.10  | 0.06  | 0.22  | 0.13    |
| Other grain & unthreshed ears, %                   | -           | -   | -   | -   | 0.26  | 0.26    | 0.22             | 0.32  | 0.28  | 0.32  | 0.93  | 0.45    |
| Heat damaged kernels, %                            | -           | -   | -   | -   | 0.06  | 0.06    | 0.01             | 0.01  | 0.01  | 0.03  | 0.04  | 0.02    |
| Immature kernels, %                                | -           | -   | -   | -   | 0.01  | 0.01    | 0.10             | 0.10  | 0.06  | 0.04  | 0.14  | 0.09    |
| Insect damaged kernels, %                          | -           | -   | -   | -   | 0.11  | 0.11    | 0.32             | 0.35  | 0.37  | 0.32  | 0.56  | 0.40    |
| Sprouted kernels, %                                | -           | -   | -   | -   | 0.07  | 0.07    | 0.02             | 0.02  | 0.02  | 0.01  | 0.03  | 0.02    |
| Total damaged kernels, %                           | -           | -   | -   | -   | 0.25  | 0.25    | 0.45             | 0.48  | 0.45  | 0.39  | 0.76  | 0.53    |
| Combined deviations, %                             | -           | -   | -   | -   | 2.11  | 2.11    | 1.75             | 2.17  | 1.88  | 2.04  | 4.28  | 2.55    |
| Heavily frost damaged kernels, %                   | -           | -   | -   | -   | 0.00  | 0.00    | 0.05             | 0.00  | 0.04  | 0.00  | 0.02  | 0.02    |
| Field fungi, %                                     | -           | -   | -   | -   | 0.52  | 0.52    | 0.28             | 0.32  | 0.22  | 0.27  | 0.60  | 0.36    |
| Storage fungi, %                                   | -           | -   | -   | -   | 0.00  | 0.00    | 0.00             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Ergot, %                                           | -           | -   | -   | -   | 0.00  | 0.00    | 0.00             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00    |
| Poisonous seeds ( <i>Crotalaria spp.</i> , etc.)   | -           | -   | -   | -   | 0     | 0       | 0                | 0     | 0     | 0     | 0     | 0       |
| Poisonous seeds ( <i>Argemone mexicana</i> , etc.) | -           | -   | -   | -   | 0     | 0       | 0                | 0     | 0     | 0     | 0     | 0       |
| Live insects                                       | -           | -   | -   | -   | No    | No      | No               | No    | No    | No    | No    | No      |
| Undesirable odour                                  | -           | -   | -   | -   | No    | No      | No               | No    | No    | No    | No    | No      |
|                                                    |             |     |     |     |       |         |                  |       |       |       |       |         |
|                                                    | Super       | Gr1 | Gr2 | Gr3 | COW   | Average | Super            | Gr1   | Gr2   | Gr3   | COW   | Average |
| No. of samples                                     | -           | -   | -   | -   | 5     | 5       | 16               | 20    | 15    | 10    | 4     | 65      |
| Bühler Extraction, %                               | -           | -   | -   | -   | 70.8  | 70.8    | 73.2             | 73.2  | 72.6  | 72.1  | 71.7  | 72.8    |
|                                                    |             |     |     |     |       |         |                  |       |       |       |       |         |
| <b>FLOUR</b>                                       |             |     |     |     |       |         |                  |       |       |       |       |         |
| Colour, Konica Minolta CM5 (dry)                   |             |     |     |     |       |         |                  |       |       |       |       |         |
| L*                                                 | -           | -   | -   | -   | 95.07 | 95.07   | 93.62            | 93.67 | 93.89 | 93.82 | 93.72 | 93.73   |
| a*                                                 | -           | -   | -   | -   | 0.19  | 0.19    | 0.54             | 0.54  | 0.50  | 0.47  | 0.57  | 0.52    |
| b*                                                 | -           | -   | -   | -   | 8.37  | 8.37    | 10.23            | 10.01 | 10.12 | 10.11 | 9.66  | 10.08   |
| Ash (db), %                                        | -           | -   | -   | -   | 0.46  | 0.46    | 0.59             | 0.61  | 0.58  | 0.60  | 0.61  | 0.59    |
| Protein (12% mb), %                                | -           | -   | -   | -   | 7.4   | 7.4     | 12.1             | 11.1  | 9.9   | 9.7   | 10.4  | 10.8    |
| Wet Gluten (14% mb), %                             | -           | -   | -   | -   | 17.7  | 17.7    | 32.4             | 30.2  | 26.6  | 25.6  | 28.6  | 29.1    |
| Dry Gluten (14% mb), %                             | -           | -   | -   | -   | 5.6   | 5.6     | 11.0             | 9.9   | 8.5   | 8.3   | 9.4   | 9.6     |
| Gluten Index                                       | -           | -   | -   | -   | 98    | 98      | 96               | 96    | 95    | 96    | 96    | 96      |
|                                                    |             |     |     |     |       |         |                  |       |       |       |       |         |
| <b>100 g BAKING TEST</b>                           |             |     |     |     |       |         |                  |       |       |       |       |         |
| Baking water absorption, %                         | -           | -   | -   | -   | 57.4  | 57.4    | 62.3             | 61.0  | 59.7  | 59.7  | 60.3  | 60.8    |
| Loaf volume, cm <sup>3</sup>                       | -           | -   | -   | -   | 899   | 899     | 1140             | 1068  | 968   | 950   | 970   | 1038    |
|                                                    |             |     |     |     |       |         |                  |       |       |       |       |         |
| <b>FARINOGRAM</b>                                  |             |     |     |     |       |         |                  |       |       |       |       |         |
| Water absorption (14% mb), %                       | -           | -   | -   | -   | 49.2  | 49.2    | 61.3             | 60.3  | 59.2  | 58.9  | 59.5  | 60.0    |
| Development time, min                              | -           | -   | -   | -   | 1.0   | 1.0     | 6.7              | 5.2   | 5.2   | 4.5   | 4.1   | 5.4     |
| Stability, mm                                      | -           | -   | -   | -   | 2.0   | 2.0     | 14.3             | 10.5  | 10.2  | 9.5   | 9.5   | 11.2    |
| Mixing tolerance index, BU                         | -           | -   | -   | -   | 95    | 95      | 30               | 36    | 36    | 38    | 34    | 35      |
|                                                    |             |     |     |     |       |         |                  |       |       |       |       |         |
|                                                    |             |     |     |     |       |         |                  |       |       |       |       |         |

## 2023/24 Imported Wheat Quality Versus 2023/24 RSA Wheat Quality

| Country of origin                   | USA Average                                                                         |     |     |     |      |         | RSA Crop Average                                                                      |      |      |      |      |         |
|-------------------------------------|-------------------------------------------------------------------------------------|-----|-----|-----|------|---------|---------------------------------------------------------------------------------------|------|------|------|------|---------|
| Class and Grade bread wheat         | Super                                                                               | Gr1 | Gr2 | Gr3 | COW  | Average | Super                                                                                 | Gr1  | Gr2  | Gr3  | COW  | Average |
| No. of samples                      | -                                                                                   | -   | -   | -   | 5    | 5       | 16                                                                                    | 20   | 15   | 10   | 4    | 65      |
| ALVEOGRAM                           |                                                                                     |     |     |     |      |         |                                                                                       |      |      |      |      |         |
| Strength (S), cm <sup>2</sup>       | -                                                                                   | -   | -   | -   | 13.9 | 13.9    | 44.8                                                                                  | 40.7 | 36.0 | 33.6 | 37.3 | 39.3    |
| Stability (P), mm                   | -                                                                                   | -   | -   | -   | 39   | 39      | 77                                                                                    | 79   | 84   | 80   | 79   | 80      |
| Distensibility (L), mm              | -                                                                                   | -   | -   | -   | 81   | 81      | 145                                                                                   | 129  | 103  | 102  | 116  | 122     |
| P/L                                 | -                                                                                   | -   | -   | -   | 0.51 | 0.51    | 0.55                                                                                  | 0.62 | 0.88 | 0.87 | 0.68 | 0.71    |
|                                     |    |     |     |     |      |         |    |      |      |      |      |         |
| EXTENSOGRAM                         |                                                                                     |     |     |     |      |         |                                                                                       |      |      |      |      |         |
| Strength, cm <sup>2</sup>           | -                                                                                   | -   | -   | -   | 56   | 56      | 131                                                                                   | 115  | 97   | 87   | 104  | 110     |
| Max. height, BU                     | -                                                                                   | -   | -   | -   | 349  | 349     | 422                                                                                   | 416  | 401  | 351  | 396  | 403     |
| Extensibility, mm                   | -                                                                                   | -   | -   | -   | 117  | 117     | 227                                                                                   | 203  | 176  | 177  | 189  | 198     |
|                                     |   |     |     |     |      |         |   |      |      |      |      |         |
| MIXOGRAM                            |                                                                                     |     |     |     |      |         |                                                                                       |      |      |      |      |         |
| Peak time, min                      | -                                                                                   | -   | -   | -   | 4.9  | 4.9     | 2.9                                                                                   | 3.0  | 3.2  | 3.0  | 3.2  | 3.0     |
| Water absorption (14% mb), %        | -                                                                                   | -   | -   | -   | 57.7 | 57.7    | 62.3                                                                                  | 61.0 | 59.7 | 59.7 | 60.3 | 60.8    |
|                                     |  |     |     |     |      |         |  |      |      |      |      |         |
| MYCOTOXINS                          |                                                                                     |     |     |     |      |         |                                                                                       |      |      |      |      |         |
| Aflatoxin B <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>1</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| Aflatoxin G <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>1</sub> (µg/kg)    | 0 [<20]                                                                             |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>2</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| Fumonisin B <sub>3</sub> (µg/kg)    | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| Deoxynivalenol (µg/kg) [max. value] | 188 [203]                                                                           |     |     |     |      |         | 66 [478]                                                                              |      |      |      |      |         |
| 15-ADON (µg/kg)                     | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| Ochratoxin A (µg/kg)                | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| Zearalenone (µg/kg)                 | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| HT-2 (µg/kg)                        | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| T-2 Toxin (µg/kg)                   | 0 [0]                                                                               |     |     |     |      |         | ND                                                                                    |      |      |      |      |         |
| No. of samples                      | 2                                                                                   |     |     |     |      |         | 40                                                                                    |      |      |      |      |         |