



# Printing information and terms of use for posters of grade determination tables

## Printing information

- Poster size: 61 x 91 cm (24 x 36 in)
- Maintain aspect ratio when scaling
- Heavy stock is recommended
- Consider lamination
- Source: [Official Grain Grading Guide](#) on [grainscanada.gc.ca](http://grainscanada.gc.ca)

## Terms of use for posters of grade determination tables

- A new grade determination table should be printed at the beginning of the crop year
- The previous crop year's table should be discarded
- A grade determination table published on the Canadian Grain Commission website is the authoritative version
- The Canadian Grain Commission may make changes to a grade determination table during a crop year and the printed version may not reflect current information
- Any change to a grade determination table will be communicated through a [Canadian Grain Commission trade memorandum](#)
- Users of printed grade determination tables should check the Canadian Grain Commission website on a regular basis to ensure they are working with a current version of the table
- If a change has been made to a grade determination table during the crop year, a new table should be printed and the previous version discarded

Primary grade determination tables

Wheat, Canada Western Amber Durum (CWAD)

| Grading factor                                              | No. 1 CWAD                                                                  | No. 2 CWAD                                                                  | No. 3 CWAD                                                                                                             | No. 4 CWAD                                                                                       | No. 5 CWAD                                                                                  | Grade, if No. 5 specs not met                                                             |
|-------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Standard of quality                                         |                                                                             |                                                                             |                                                                                                                        |                                                                                                  |                                                                                             |                                                                                           |
| Degree of soundness*                                        | Reasonably well matured, reasonably free from damaged kernels               | Reasonably well matured, reasonably free from severely damaged kernels      | Fairly well matured, may be moderately weather-damaged or frost-damaged, reasonably free from severely damaged kernels | May be frost-damaged, immature or weather-damaged, moderately free from severely damaged kernels | Reasonably sweet, excluded from higher grades on account of light weight or damaged kernels |                                                                                           |
| Minimum test weight kg/hL (g/0.5 L)                         | 79 (387)                                                                    | 77 (377)                                                                    | 74 (362)                                                                                                               | 71 (347)                                                                                         | 65 (318)                                                                                    | Wheat, Sample CW Account Light Weight                                                     |
| Minimum hard vitreous kernels %                             | 80                                                                          | 60                                                                          | 40                                                                                                                     | No minimum                                                                                       | No minimum                                                                                  |                                                                                           |
| Minimum protein %                                           | 9.5                                                                         | No minimum                                                                  | No minimum                                                                                                             | No minimum                                                                                       | No minimum                                                                                  |                                                                                           |
| Variety                                                     | Any variety of the class CWAD designated as such by order of the Commission | Any variety of the class CWAD designated as such by order of the Commission | Any variety of the class CWAD designated as such by order of the Commission                                            | Any variety of the class CWAD designated as such by order of the Commission                      | Any variety of amber durum wheat                                                            |                                                                                           |
| Foreign material                                            |                                                                             |                                                                             |                                                                                                                        |                                                                                                  |                                                                                             |                                                                                           |
| Ergot %                                                     | 0.02                                                                        | 0.02                                                                        | 0.04                                                                                                                   | 0.04                                                                                             | 0.10                                                                                        | Wheat, Sample CW Account Ergot                                                            |
| Excreta %                                                   | 0.01                                                                        | 0.01                                                                        | 0.01                                                                                                                   | 0.01                                                                                             | 0.03                                                                                        | Wheat, Sample CW Account Excreta                                                          |
| Matter other than cereal grains %                           | 0.2                                                                         | 0.3                                                                         | 0.5                                                                                                                    | 0.5                                                                                              | 1.0                                                                                         | Wheat, Sample CW Account Admixture                                                        |
| Sclerotinia %                                               | 0.02                                                                        | 0.02                                                                        | 0.04                                                                                                                   | 0.04                                                                                             | 0.10                                                                                        | Wheat, Sample CW Account Admixture                                                        |
| Stones %                                                    | 0.03                                                                        | 0.03                                                                        | 0.06                                                                                                                   | 0.06                                                                                             | 0.10                                                                                        | 2.5% or less - Wheat Rejected (grade) Account Stones<br>Over 2.5% - Wheat, Sample Salvage |
| Total % Foreign material                                    | 0.5                                                                         | 1.2                                                                         | 1.5                                                                                                                    | 3.0                                                                                              | 10.0                                                                                        | See Mixed grain                                                                           |
| Grading factors                                             |                                                                             |                                                                             |                                                                                                                        |                                                                                                  |                                                                                             |                                                                                           |
| Artificial stain, no residue %                              | 0.0                                                                         | 0.1                                                                         | 0.1                                                                                                                    | 0.1                                                                                              | 2.0                                                                                         | Wheat, Sample CW Account Stained Kernels                                                  |
| Binburnt, severely mildewed, rotted, mouldy %               | 0.01                                                                        | 0.01                                                                        | 0.02                                                                                                                   | 0.50                                                                                             | 5.00                                                                                        | Wheat, Sample CW Account Heated                                                           |
| Total % Heated, binburnt, severely mildewed, rotted, mouldy | 0.1                                                                         | 0.1                                                                         | 0.4                                                                                                                    | 1.5                                                                                              | 5.0                                                                                         | Wheat, Sample CW Account Heated                                                           |
| Other classes %                                             | 2.0                                                                         | 3.0                                                                         | 4.3                                                                                                                    | 10.0                                                                                             | 49.0                                                                                        | Wheat, Sample CW Account Admixture                                                        |
| Total % Wheats of other classes or varieties                | 4                                                                           | 8                                                                           | 11                                                                                                                     | 49                                                                                               | No limit                                                                                    | Wheat, Sample CW Account Admixture                                                        |
| Degermed %                                                  | 4                                                                           | 7                                                                           | 10                                                                                                                     | 13                                                                                               | No limit                                                                                    |                                                                                           |
| Fireburnt %                                                 | 0.0                                                                         | 0.0                                                                         | 0.0                                                                                                                    | 0.0                                                                                              | 2.0                                                                                         | Wheat, Sample CW Account Fireburnt                                                        |
| Fusarium damage %                                           | 0.5                                                                         | 0.5                                                                         | 2.0                                                                                                                    | 2.0                                                                                              | 4.0                                                                                         | Wheat, Sample CW Account Fusarium Damage Over 10%-<br>Wheat, Commercial Salvage           |
| Grass green %                                               | 0.8                                                                         | 2.0                                                                         | 4.0                                                                                                                    | 10.0                                                                                             | No limit                                                                                    |                                                                                           |
| Insect damage %                                             | 1                                                                           | 3                                                                           | 5                                                                                                                      | 8                                                                                                | No limit                                                                                    |                                                                                           |
| Natural stain %                                             | 1                                                                           | 2                                                                           | 5                                                                                                                      | 8                                                                                                | No limit                                                                                    |                                                                                           |
| Pink %                                                      | 3                                                                           | 6                                                                           | 10                                                                                                                     | No limit                                                                                         | No limit                                                                                    |                                                                                           |
| Sawfly, midge %                                             | 2                                                                           | 8                                                                           | 15                                                                                                                     | 40                                                                                               | No limit                                                                                    |                                                                                           |
| Severe midge %                                              | 0.1                                                                         | 0.3                                                                         | 0.8                                                                                                                    | 2.0                                                                                              | No limit                                                                                    |                                                                                           |
| Penetrated smudge %                                         | 0.1                                                                         | 0.3                                                                         | 0.8                                                                                                                    | 2.0                                                                                              | No limit                                                                                    |                                                                                           |
| Total % Severe midge and penetrated smudge                  | 0.1                                                                         | 0.3                                                                         | 0.8                                                                                                                    | 2.0                                                                                              | No limit                                                                                    |                                                                                           |
| Total % Smudge                                              | 0.5                                                                         | 1.0                                                                         | 3.0                                                                                                                    | Consider overall appearance                                                                      | No limit                                                                                    |                                                                                           |
| Total % Smudge and blackpoint                               | 5                                                                           | 10                                                                          | 20                                                                                                                     | Consider overall appearance                                                                      | No limit                                                                                    |                                                                                           |
| Shrunken %                                                  | 3                                                                           | 3                                                                           | 3                                                                                                                      | 3                                                                                                | No limit                                                                                    |                                                                                           |
| Broken %                                                    | 6                                                                           | 8                                                                           | 10                                                                                                                     | 11                                                                                               | 13                                                                                          | Sample Broken Grain                                                                       |
| Total % Shrunken and broken                                 | 7                                                                           | 9                                                                           | 11                                                                                                                     | 12                                                                                               | No limit within broken tolerances                                                           |                                                                                           |
| Severely sprouted %                                         | 0.2                                                                         | 0.4                                                                         | 3.0                                                                                                                    | 12.0                                                                                             | No limit                                                                                    |                                                                                           |
| Total % Sprouted                                            | 1                                                                           | 2                                                                           | 7                                                                                                                      | 12                                                                                               | No limit                                                                                    |                                                                                           |

Note: Samples of CWAD will be graded no lower than No. 4 CWAD on account of mildew.  
See Frost (FR) and Mildew (MIL) for applicable standard.