



## Wheat, No. 1, 2 and 3 Canada Western Amber Durum (CWAD) Fourth quarter export cargo aggregates by grade

Fourth quarter 2024-2025 <sup>1</sup>

Quality parameter <sup>2</sup>	No. 1 CWAD	No. 2 CWAD	No. 3 CWAD
<b>Wheat</b>			
Test weight, kg/hL	81.5	81.3	81.7
Weight per 1000 kernels, g	33.3	32.7	30.7
Vitreous kernels, %	93	92	87
Protein content, %	15.4	15.1	15.4
Ash content, %	1.68	1.65	1.66
Falling Number, sec	480	513	508
<b>Milling - Allis-Chalmers mill</b>			
Total milling yield, %	73.3	73.0	72.4
Semolina yield, %	65.4	64.8	64.1
<b>Semolina<sup>3</sup></b>			
Protein content, %	14.4	14.3	14.5
Protein loss, %	1.0	0.8	0.9
Wet gluten content, %	36.0	35.1	35.6
Gluten index, %	84	85	86
Ash content, %	0.83	0.82	0.83
Yellow pigment content, ppm	10.5	10.4	10.7
Yellowness, b*	31.7	31.3	31.4
<b>Granulation</b>			
> 425 µm, %	6.9	7.0	6.7
> 250 µm, %	55.9	55.5	55.0
> 180 µm, %	21.0	20.9	21.0
> 150 µm, %	7.4	7.3	7.4
< 150 µm, %	8.8	9.3	9.9
<b>Semolina speck count per 50 cm<sup>2</sup></b>			
Total specks	18	16	14
Dark specks	1	3	3
Large specks (≥ 0.06 mm <sup>2</sup> )	9	9	6
<b>Alveogram<sup>4</sup></b>			
P (maximum over pressure), mm H <sub>2</sub> O	102	101	97
L (length), mm	99	97	100
P/L	1.03	1.04	0.97
W (deformation energy), 10 <sup>-4</sup> joules	315	306	301
le (elasticity Index), %	54.5	54.2	54.4
<b>Spaghetti colour dried at 85°C</b>			
Brightness, L*	70.0	69.9	70.2
Redness, a*	7.5	7.5	7.4
Yellowness, b*	63.5	63.6	63.5
<b>Spaghetti texture dried at 85°C</b>			
Peak cutting force, g	691	696	660
Dry strand diameter, mm	1.72	1.73	1.71
Cooked strand diameter, mm	2.51	2.52	2.51

<sup>1</sup> Fourth quarter cargo aggregates were made from loading samples of export shipments in the months of May, June and July of 2025.

<sup>2</sup> Data are reported on a 13.5% moisture basis for wheat and a 14.0% moisture basis for semolina, except Alveogram results which are reported on a 15% moisture basis.

<sup>3</sup> Semolina analysis is conducted using granular products with a constant extraction rate of 70%.

<sup>4</sup> Alveogram results from the Chopin Alveolab.