

# Canada Western Feed (CWFW) wheat

The CWFW class includes downgrades from all the other wheat classes to varying levels. Factors such as low falling number or frost damage can result in downgrading of some milling wheat classes, but these factors have only a minor impact on the wheat's nutritional value for animal feed.

## CWFW CHARACTERISTICS

- A high-quality feed ingredient.
- A higher inherent protein content (typically 13.5 per cent on a 13.5 per cent moisture basis) than other grains, such as barley, and has substantially more protein than corn.
- The CGC provides official grade certification on export shipments, including maximum tolerances for other cereal grains and foreign material.
- Provides a number of advantages as a feed ingredient:

– *Its higher moisture content allows for elevated inclusion rates.*

*This higher moisture content produces less fines, reducing the risk of acidosis in cattle and stomach ulcers in pigs.*

– *Has a higher gluten levels than feed wheat from other origins. This higher gluten content promotes good pellet binding and eliminates the need for supplemental binders.*

**The nature of the Canadian handling and delivery system** allows for blending and consistent levels of protein and specific weight from shipment-to-shipment. The only limit currently applied within official grades for wheat class content in CWFW is that levels of Canada Western Amber Durum (CWAD) should not exceed 10 per cent. This limit on durum content is not a reflection of the inferior feed value of durum. Instead, it reflects the desire to market durum feed wheat separately because of its historically perceived differences in hardness, milling quality and pellet binding properties. In its own right, durum wheat is an excellent feed grain. Lower grades of durum are often purchased by domestic and international buyers specifically for use as a high-quality animal feed ingredient.

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## CANADA WESTERN FEED (CWFV) WHEAT

### Export grade specifications\*

	CWFV
<b>Minimum test weight, kg/hL</b>	73.0
<b>Total foreign material including other cereal grains</b>	(Max.) 5% including 0.5% other seeds
<b>Wheats of other classes or varieties</b>	No limit but no more than 10% amber durum
<b>Fusarium damage, %</b>	5
<b>Heated, %</b>	2.5
<b>Shrunken and broken</b>	
Shrunken, %	4
Broken, %	13
<b>Total, %</b>	<b>15</b>

\* abridged from the Canadian Grain Commission's Official Grain Grading Guide  
 For complete official grain standards, see <http://www.grainscanada.gc.ca/Pubs/GGG/ggg-e.htm>