

# Canada Western (CW) Feed barley

Feed barley from Western Canada is mainly consumed by the domestic hog and cattle feed industry, or, with added enzymes, by the poultry industry.

**Barley should be ground for hog and poultry feeds** and be coarsely ground or rolled for cattle feeds. It is the central ingredient used by western Canadian feedlots in producing quality Canadian beef.

## CHARACTERISTICS

- Can be specially bred feed varieties or malting varieties not selected for marketing as malting barley. Varieties can be two-rowed or six-rowed types.
- Is a clean and highly digestible source of energy. It has an excellent combination of essential amino acids and high lysine content, compared to other grains.
- Quantities sold for export are marketed through the CWB under official CGC grades as No. 1 Canada Western Feed barley or No. 2 Canada Western Feed barley.

Before being considered for registration, all new varieties must meet or exceed established quality, agronomic and disease-resistance characteristics. They are rated in comparison to established objectives and proven check varieties. This ensures that all registered varieties of feed barley will conform to commercially accepted quality specifications and will provide very consistent performance characteristics from shipment-to-shipment and from year-to-year.

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# Hulless Feed barley

**Over the last decade**, hulless barley varieties with good feed and agronomic quality characteristics have been bred and are in small-scale commercial production in Western Canada. Both two-row and six-row varieties are grown.

## CHARACTERISTICS

- Offers several advantages over other feed grains, including: less fiber; more digestible energy; higher protein; highly-digestible protein; high specific weight; feed value levels equal to, or better than, feed wheat; and high levels of several important amino acids.
- When exported, is marketed through the CWB under official CGC grades as Canada Western (CW) Standard Hulless.



## CANADA WESTERN (CW) FEED BARLEY

### Export grade specifications\*

	No. 1 CW Feed barley	No. 2 CW Feed barley
<b>Minimum test weight, kg/hL</b>	63	57
<b>Maximum limits for total foreign material, %, of which</b>	2.5	10
(Wild oats, %)	(1)	(2.5)
(Other cereal grains, %)	(2.5)	(8)
(Mineral matter including 0.15 stones, %)	(0.25)	(0.25)
(Ergot, % )	(0.05)	(0.1)
(Large seeds, %)	(0.2)	(0.2)
(Commercial cleanliness – total small seeds, attrition, dust and chaff, %)	(0.2)	(0.2)
<b>Heated, %</b>	0.5	2.5
<b>Broken, %</b>	15	25

\* 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>