

# Corn Grain

Corn (*Zea mays indentata*) is the principle feed grain used in Eastern Canadian and US dairy diets. Anatomy of the corn kernel is illustrated below. Typical composition and rumen dry matter degradability characteristics are as follows:



|                            | mean<br>100% dry matter basis |
|----------------------------|-------------------------------|
| Composition:               |                               |
| Crude Protein, %           | 10.0                          |
| Starch, %                  | 65.5                          |
| Dry Matter Degradability:  |                               |
| Soluble Dry Matter, %      | 37.0                          |
| Degradable Dry Matter, %   | 61.1                          |
| Degradation Rate, %/hr     | 10.9                          |
| Effective Degradability, % | 69.9                          |

for more information:

[Studies of Barley Feed Quality, University of Alberta Dairy Research Highlights](#)

[Barley Grain for Dairy Cattle, University of Alberta Dairy Research Highlights](#)

[Hulless Barley 1. Production responses, digestibility and processing, Dairy Research Results from the Lethbridge Research Centre](#)