

Premium Oats, also known as Single or Double-Cleaned Oats**1. Ingredient Description**

Oats destined to become Northern Elite Oats™ Grade 2 are selected for good colour, plumpness, large kernel size, heavy bushel weight, low moisture and low foreign material. Only high quality oats are chosen for Champion Oat Processors' Northern Elite Oats™ Grade 2. These oats have greater kernel size variation than Northern Elite Oats™ Grade 1.

Upon selection, oats are cleaned, clipped and polished. An in-line dust extraction system further reduces the possibility of dust. Special care is taken through all stages of processing to ensure a consistently high quality product. The end result is product of high quality. Northern Elite Oats™ Grade 2 are normally purchased in bulk for mixing into textured horse rations; however, they are also available either whole or crimped (rolled) in bags and mini bulk totes.

2. Properties

Grade 2 Oats are obtained by processing whole, clean, sound, dehulled oats in accordance with good manufacturing practices. The Grade 2 Oats shall be uniform in size.

It must be free from broken, split or chipped groats, heat damaged grains, diseased grains, badly weathered damaged grains, wild oats, weed seeds, green oats, thin oats, unhulled oats, other grains, hull, sticks/stems and foreign material (stone, tramp metal, glass, etc).

The products will be free of rancid, bitter, musty or other undesirable flavours and odors, and free from all objectionable foreign material and substances.

No additives or preservatives shall be added. Product shall conform in all respects to the Canadian and U.S. Food and Drug Act as amended and applicable regulations there under.

**3. Sensory**

Organoleptic Properties:

- Flavor: It shall have a normal oat flavor, free from rancid, bitter, musty or other undesirable flavours.
- Aroma: It shall have a normal oat aroma, free from rancid, stale, sour or other undesirable odors.
- Color: It shall be creamy white to golden.

Northern Elite® Oats - Grade 2

4. Physical Specifications

Color	White to golden
Plumpness	60% minimum, measured on a 6/64 screen
Kernel size (length) whole	½ to ¾ inch
Moisture	13.5% or less
Foreign content	2% or less
Weight	285 grams/0.5 L
99.5% pure	Clipped, polished and sized

5. Nutritional Composition

NUTRIENT	TYPICAL AS-FED ANALYSIS
Crude Protein	11%
Lysine	0.45%
Crude Fiber	12%
Crude Fat	4%
Calcium	0.04%
Phosphorous	0.36%

6. Packaging

The Grade 2 Oats shall sell in various sizes as whole or crimped (rolled) (bulk) bags, and bulk containers; special needs can be accommodated. Bags and containers shall be free from odors, rust, must, leaks, etc. and it is recommended to cover bulk grain to avoid excessive damage of the grain during transport.

7. Shelf Life / Storage

- Shelf life of 12 months from the date of production under recommended storage conditions
- Store at ambient temperature (21°C and RH <70%)
- Store away from strong odors, such as perfumed products, soaps, detergents, cleaning solutions, or any other such chemicals

8. Allergen Statement

This product contains no milk or milk products, eggs or egg products, peanuts or peanut products, tree nuts or tree nut products (almond, brazil nut, cashew, chestnut, hazelnut (filbert), macadamia nut, pecan, pine nuts, pistachio, or walnut), or seafood.

This product may contain trace amounts of sulphites (<1ppm). This product is not an identified oil allergen source.

**Raw oats are grown and harvested in areas common to other agricultural commodities, and may contain trace amounts of wheat or wheat gluten and other grains.*

A division of Hi-Pro Feeds LP.



12805 – 97B Street, Grande Prairie AB Canada T8V 6K1
Tel: (780) 532-6043 Fax: (780) 539-7440
www.hiprofeeds.com

