

## **Beet Molasses Product Analysis**

**Beet Molasses:** Beet Molasses is a co-product of the sugar beet industry, and offers a valuable feed resource to the cattle industry and fermentation industry. Beet Molasses is the residual liquid left over from the sugar extraction process, providing an excellent source of energy for livestock.

**Typical Analysis:** Variation may occur depending on source

	Dry Basis	As Fed
Dry Matter		78.70%
Moisture	21.30	
Protein, Crude	7.06	8.93%
Fiber, Crude	0.0	0.0%
ADF — Acid Detergent Fiber	0.0	0.0%
NEL — Net Energy Lactation	0.90	0.71 Mcal/lb
NEG — Net Energy Gain	0.67	0.53 Mcal/lb
NEM — Net Energy Maintenance	1.00	0.79 Mcal/lb
TDN — Total Digestible Nutrients	86.08	68.20%
Fat	0.32	0.11%
Ash	9.62	12.15%
NEF — Nitrogen Free Extract	78.77	62.42%
Calcium	0.07	0.05%
Phosphorus	0.03	0.02%
Potassium	4.99	3.96%
PH		8.64 s.u.
Reducing Sugars		2.65%
TSI — Total Sugars as Invert		51.40%
Brix		85.90

**Use and Application:** Beet Molasses is an excellent source of energy and a good source of protein and some essential minerals. In growing and finishing diets it can be added in total mixed rations or blended with other liquid ingredients for a liquid feed. For beef cows and back rounding it can be top-dressed to improve palatability of poor hay or corn stalks.