



Product Information **Beet Molasses**

Southern Minnesota Beet Sugar Cooperative's 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:

	Dry Basis	As Fed	
Dry Matter		78.70	%
Moisture	21.30		%
Protein, Crude	11.65	8.51	%
Fiber, Crude	0.14	0.11	%
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	0.78	Mcal/lb
TDN - Total Digestible Nutrients	85.65	67.45	%
Fat	0.34	0.30	%
Ash	10.46	8.40	%
NEF – Nitrogen Free Extract	75.93	63.40	%
Calcium	0.12	0.09	%
Phosphorus	0.08	0.06	%
Potassium	4.38	3.66	%
pH		7.25	s.u.
Reducing Sugars		2.78	%
TSI – Total Sugars as Invert		54.20	%
Brix		83.40	s.u.

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 can stalks.*

Storage and Handling: *Beet Molasses must be stored in a well-insulated, heated tank; at temperatures above 110 degrees it can easily be pumped with a 2.5 to 3 HP pump and 3 inch tubing.*