



Product Information
Raffinate (Desugared Beet Molasses)

Southern Minnesota Beet Sugar Cooperative's Raffinate is the residual liquid resulting from the desugaring of beet molasses, and provides an excellent source of energy and protein for livestock.

Typical Analysis:

	Dry Basis	As Fed	
Dry Matter		65.70	%
Moisture		34.30	%
Protein, Crude	23.12	15.19	%
Fiber, Crude	0.00	0.00	%
ADF - Acid Detergent Fiber	0.00	0.00	%
NEL - Net Energy Lactation	0.74	0.49	Mcal/lb
NEG - Net Energy Gain	0.48	0.32	Mcal/lb
NEM - Net Energy Maintenance	0.81	0.53	Mcal/lb
TDN - Total Digestible Nutrients	71.18	46.77	%
Fat	0.46	0.30	%
Ash	27.37	17.98	%
NEF – Nitrogen Free Extract	49.07	32.24	%
Calcium	0.05	0.03	%
Phosphorus	0.06	0.04	%
Potassium	10.08	6.62	%
pH		6.58	s.u.
Reducing Sugars		3.70	%
TSI – Total Sugars as Invert		18.60	%
Brix		72.20	s.u.

Use and Application: *Raffinate 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.*

Storage and Handling: *Raffinate can be stored in an un-insulated tank, with no additional heating required for pumping. Pump size should be a 2HP or larger with minimum tube size of 2 inches.*