



STEEPWATER

DESCRIPTION

Corn Steepwater is the result from the corn wet milling manufacture process of which starch or syrup are collected and condensed to a thick syrup-like liquid by evaporation. All the soluble nutrients in corn grain (dissolved vitamins, mineral and other soluble or dispersible nutrients) are contained in the steepwater. Steepwater is an excellent natural protein liquid supplement, a valuable source of B vitamins, critical minerals and unidentified growth factors.

USE AND APPLICATION

Steepwater is an economical source of natural protein, on a dry matter basis it is almost equivalent to the protein content of 44% soybean meal. It is also an excellent source of energy, phosphorus and potassium. Nutrients in steepwater originate from those that gone into solution during the water steeping of the corn kernel in the wet milling process and should be readily available for absorption following intake. Follow your nutritional consultant's advice for incorporation into proper feeding program.

STORAGE AND HANDLING

Steepwater is delivered in bulk by tanker and stored on farm in corrosion resistant tanks, and treated in a manner like other liquid feed ingredients. Steepwater may be pumped or gravity fed into mixer wagons, to be blended with other feedstuffs and utilized in the total feeding program. Solids in Steepwater may tend to settle during storage so some means of liquid re-circulation or agitation is essential. Steepwater resembles molasses in viscosity and is subject to the same temperature influences, becoming "thicker" as temperature declines or "thinner" as temperature increases.

TYPICAL ANALYSIS

| | DMB | As Fed |
|-----------------|--------------|--------------|
| Dry Matter | 100.0% | 45.0% |
| Crude Protein | 45.0% | 20.2% |
| Fat | 1.0% | 0.45% |
| Crude Fiber | 0.8% | 0.36% |
| ADF | 1.0% | 0.45% |
| Salt | 0.05% | 0.02% |
| Calcium | 0.15% | 0.06% |
| Phosphorus | 3.60% | 1.62% |
| Ash | 12.0% | 5.4% |
| TDN | 95.0% | 43.0% |
| NE _L | 2.2 Mcal/kg | 0.99 Mcal/kg |
| NE _m | 2.5 Mcal/kg | 1.12 Mcal/kg |
| NE _g | 1.71 Mcal/kg | 0.76 Mcal/kg |

* Listed data are average values only and not considered as guarantees, expressed, or implied, nor as a condition of sale. For guaranteed specs refer to feed label.



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