

MANURE NUTRIENT ANALYSIS REPORT



AgSource
Laboratories

A Subsidiary of Cooperative Resources International

AGSOURCE LABORATORIES

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CENTRAL SANDS DAIRY
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ANALYSIS FOR: CENTRAL SANDS DAIRY

DATE PROCESSED: 05/29/2013

DATE SAMPLED: 05/21/13

SAMPLE NUMBER: 22592

MATERIAL: Dairy

SAMPLE TYPE: B

STORAGE SYSTEM: LIQUID

DRY MATTER, % 2.89

MOISTURE, % 97.11

Nitrogen:
(> 72h or Not Inc)

Nitrogen:
(Inc in 1 to 72h)

Nitrogen:
(Inc within 1h or Inj)

Phosphorus as P₂O₅

Potassium as K₂O

Sulfur

Estimated Value of
Available Nutrients

Estimated Available Nutrient Credits				
	Total Nutrients lbs/1000 gal	In 1st Year of Application lbs/1000 gal	If Applied 2 Consecutive Yrs lbs/1000 gal	If Applied 3 Consecutive Yrs lbs/1000 gal
Nitrogen: (> 72h or Not Inc)	22.41	6.72	2.24	1.12
Nitrogen: (Inc in 1 to 72h)	22.41	8.96	2.24	1.12
Nitrogen: (Inc within 1h or Inj)	22.41	11.21	2.24	1.12
Phosphorus as P ₂ O ₅	6.04	4.83	0.00	0.00
Potassium as K ₂ O	15.17	12.14	0.00	0.00
Sulfur	1.46	0.80	0.15	0.07
Estimated Value of Available Nutrients		\$17.73	\$1.69	\$0.85

MINOR ELEMENTS *3

Calcium: 3.02%	Zinc: 434 ppm	NH4-N: 0.260%
Magnesium: 1.65%	Manganese: 369 ppm	NO3-N: 0.00079%
Copper: 1111 ppm	Sodium: 2.34%	
Iron: 1766 ppm		

COMMENTS:

- *1 Applications of manure on the same field for 2 consecutive years increases availability of N, P, K, and S by 10%, and for 3 or more consecutive years by 15%. Availability of N changes depending on application technique. Injection or incorporation within 3 days of application results in higher N availability.
- *2 Value based on commercial fertilizer costs as of 08/10/2012.
N (Urea)\$0.74/lb, P2O5 (Triple Superphosphate)\$0.71/lb, K2O (Potash)\$0.48/lb, S (Elemental Sulfur) \$0.23/lb.
- *3 If minor elements are requested, they are reported on a 'dry matter' basis. If ammonia, nitrate or pH are requested, they are reported on an 'as is' basis.