

**MANURE ANALYSIS REPORT**

SOSTEN LUNGU / VERMONT TECH  
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Sample name: Effluent

JOB #: 3470

**NUTRIENT CONTENT ON WET WEIGHT BASIS (AS RECEIVED)**

% H<sub>2</sub>O = 97.8  
% Total Nitrogen = 0.22  
% NH<sub>4</sub>-N = 0.10  
% Organic-N = 0.12  
% Phosphorus = 0.02 x 2.29 = 0.05 % P<sub>2</sub>O<sub>5</sub>  
% Potassium = 0.19 x 1.21 = 0.23 % K<sub>2</sub>O  
% Calcium = 0.06                      % Magnesium = 0.03  
ppm Boron = 1            ppm Copper = 2            ppm Iron = 200  
ppm Manganese = 8            ppm Sodium = 925            ppm Zinc = 6

**1000 gallons of this manure ( handled as liquid material ) contains:**

18.3 pounds of total nitrogen (TKN)  
8.3 pounds of ammonia-nitrogen (NH<sub>4</sub>-N)  
10.0 pounds of organic-N  
4.2 pounds of phosphate (P<sub>2</sub>O<sub>5</sub>)                      19.2 pounds of potash (K<sub>2</sub>O)  
5.0 pounds of calcium (Ca)                      2.5 pounds of magnesium (Mg)  
0.01 pounds of boron (B)                      0.02 pounds of copper (Cu)                      1.67 pounds of iron (Fe)  
0.07 pounds of manganese (Mn)                      7.7 pounds of sodium (Na)                      0.05 pounds of zinc (Zn)

**COMMENTS:**

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Test methods: moisture content from 110 C/16 hr drying, total N by combustion, ammonia-N colorimetric, all others by dry ashing/ICP.

These test results represent the total content of your manure for each of these nutrients. Actual nutrient availability depends on animal species, manure storage and handling, and the method of application and incorporation.

Contact your County office of Cooperative Extension or your local Soil & Water Conservation District office for more information on manure nutrient availability and nutrient management.