

MANURE ANALYSIS REPORT

EXAMPLE MANURE ANALYSIS

Date Printed 09/15/10

Liquid Cow Manure

Date Rec'd. 04/09/10

Sample name: April 2010

JOB #: 883

NUTRIENT CONTENT ON WET WEIGHT BASIS (AS RECEIVED)

% H₂O = 86.5
% Total Nitrogen = 0.26
% NH₄-N = 0.06
% Organic-N = 0.20
% Phosphorus = 0.06 x 2.29 = 0.14 % P₂O₅
% Potassium = 0.25 x 1.21 = 0.30 % K₂O
% Calcium = 0.59 % Magnesium = 0.06
ppm Boron = 7 ppm Copper = 4 ppm Iron = 804
ppm Manganese = 106 ppm Sodium = 471 ppm Zinc = 17

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

21.7 pounds of total nitrogen (TKN)
5.0 pounds of ammonia-nitrogen (NH₄-N)
16.7 pounds of organic-N
11.7 pounds of phosphate (P₂O₅) 25.0 pounds of potash (K₂O)
49 pounds of calcium (Ca) 5.0 pounds of magnesium (Mg)
0.06 pounds of boron (B) 0.03 pounds of copper (Cu) 6.70 pounds of iron (Fe)
0.88 pounds of manganese (Mn) 3.9 pounds of sodium (Na) 0.14 pounds of zinc (Zn)

COMMENTS:

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.