

Maine Manure Sample Summary

Calendar Year 2009 Samples

Content as received

Pounds/1000 gallons (liquid) or Pounds/ton (solid)

<u>Type</u>	<u>Handled as</u>	<u>Number</u>		<u>% H2O</u>	<u>Total N</u>	<u>NH4-N</u>	<u>P2O5</u>	<u>K2O</u>	<u>Mg</u>	<u>Ca</u>	<u>B</u>	<u>Cu</u>	<u>Fe</u>	<u>Mn</u>	<u>Na</u>	<u>Zn</u>
Dairy	solid	31	Median->	80.3	7.8	2.4	4.6	8.2	2.0	5.0	0.01	0.01	0.42	0.09	1.0	0.05
			Range->	55.1-87.4	6.0-10.4	0.0-5.0	1.8-9.2	2.6-16.4	1.0-4.0	2.2-11.8	0.00-0.04	0.00-0.02	0.12-6.5	0.05-0.30	0.2-2.1	0.02-0.15
Dairy	liquid	24	Median->	92.7	22.5	8.8	10.5	22.9	5.8	13.8	0.03	0.11	1.68	0.26	6.3	0.15
			Range->	82.5-98.6	10.8-32.5	3.3-20.8	1.7-15.0	12.5-32.5	1.7-9.2	4.2-91.6	0.01-0.12	0.01-1.3	0.09-10.8	0.04-2.31	0.1-9.5	0.04-0.27
Beef	solid	22	Median->	78.8	7.7	0.2	5.0	5.1	1.6	4.8	0.01	0.01	0.66	0.15	0.6	0.04
			Range->	57.6-87.8	3.6-14.8	0.0-3.0	1.8-9.6	1.2-16.0	0.6-3.8	2.4-10.4	0.00-0.10	0.00-0.03	0.08-9.8	0.03-0.49	0.1-3.6	0.02-0.16
Poultry	solid	10	Median->	66.4	36.3	15.0	24.5	19.0	5.3	78.3	0.02	0.02	0.54	0.16	2.9	0.23
			Range->	20.3-74.7	22.0-66.0	5.6-22.4	6.4-33.0	5.4-25.2	1.4-8.0	17.8-112	0.01-0.03	0.01-0.07	0.15-1.17	0.04-0.37	0.9-3.9	0.07-0.38
Horse	solid	8	Median->	74.3	5.9	0.7	4.4	6.0	1.8	3.8	0.01	0.01	0.77	0.12	0.9	0.05
			Range->	45.5-79.1	3.4-10.2	0.0-1.8	1.4-15.2	1.4-14.8	0.4-2.6	2.0-6.2	0.00-0.01	0.00-0.03	0.17-1.86	0.04-0.19	0.1-2.5	0.02-0.17
Swine	solid	4	Median->	72.4	14.7	1.5	12.6	8.7	3.7	8.5	0.03	0.03	6.04	0.27	1.9	0.15
			Range->	58.7-77.8	7.8-19.8	0.8-6.6	5.0-20.6	6.6-16.0	2.8-5.2	2.2-13.6	0.01-7.1	0.02-0.14	0.90-11.8	0.17-0.28	1.1-2.9	0.07-0.22
Sheep	solid	2	Range->	73.1-76.8	9.2-21.6	0.2-7.6	8.8-10.0	8.8-26.4	2.2-3.4	10.2-11.2	0.01	0.01	0.16-0.26	0.09-0.20	0.9-1.2	0.06-0.07

Note: these test results represent the total content of the manure for each of the nutrients. Actual nutrient availability depends on animal species, manure storage and handling, whether or how soon the manure is incorporated, and the method of incorporation. Contact your County office of Cooperative Extension or your local Soil & Water Conservation District for more information on how to calculate nutrient availability and on nutrient management practices.