

Maine Manure Sample Summary

Calendar Year 2012 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	51	Median->	78.4	8.4	1.2	4.6	7.0	2.4	5.6	0.01	0.01	0.54	0.09	1.0	0.05
			Range->	3.5-89.0	3.0-22.8	0.0-4.6	1.8-24.2	2.2-26.8	1.0-12.4	1.6-135	0.00-0.09	0.00-0.73	0.10-24.5	0.03-2.68	0.2-2.6	0.02-0.46
Dairy	liquid	32	Median->	91.6	20.4	8.3	9.2	22.9	6.7	12.5	0.02	0.07	1.97	0.25	6.1	0.16
			Range->	65.9-99.9	0.8-45.0	0.8-15.8	1.7-32.5	0.8-57.5	0.8-12.5	0.8-75.0	0.00-0.09	0.00-0.47	0.02-32.3	0.02-1.47	0.5-13.1	0.00-0.37
Beef + Bison	solid	29	Median->	78.4	8.4	0.3	5.0	4.4	1.8	5.8	0.01	0.01	1.14	0.15	0.5	0.04
			Range->	47.9-87.0	4.2-19.0	0.0-6.8	2.2-11.4	0.8-17.0	0.6-4.0	2.4-26.2	0.00-0.05	0.00-0.05	0.2-12.5	0.02-0.62	0.1-3.4	0.01-0.15
Poultry	solid	20	Median->	61.5	27.7	7.3	38.7	27.0	9.5	79.1	0.04	0.05	1.09	0.41	3.7	0.38
			Range->	25.5-73.3	12.2-70.2	1.0-15.8	19.2-66.8	12.6-54.4	5.2-20.2	23-185	0.01-0.06	0.02-0.58	0.4-5.3	0.19-0.97	1.9-10.8	0.17-0.84
Horse	solid	6	Median->	77.8	6.6	0.2	5.7	5.2	1.7	5	0.01	0.01	0.46	0.12	0.7	0.05
			Range->	68.7-80.3	4.0-12.8	0.2-3.0	2.2-17.0	4.4-17.0	0.8-3.8	1.0-11.6	0.00-0.02	0.00-0.05	0.2-1.8	0.04-0.26	0.0-4.2	0.02-0.15
Swine	solid	5	Median->	67.2	20.8	1.4	12.0	7.6	3.2	9.6	0.01	0.02	1.87	0.14	1.8	0.14
			Range->	61.9-71.2	10.0-44.4	0.0-8.4	7.4-30.6	4.6-18.2	2.0-4.4	5.8-30.0	0.01-0.03	0.01-0.03	0.8-11.3	0.10-0.36	0.3-3.4	0.12-0.16
Mixed	solid	11	Median->	64.4	13.4	0.2	8.2	5.8	2.6	12.8	0.02	0.02	2.41	0.23	0.6	0.08
			Range->	4.9-81.2	6.6-37.2	0.0-7.8	3.2-20.2	5.0-26.4	1.2-9.8	4.0-27.0	0.00-0.09	0.00-0.10	0.6-23.9	0.09-0.71	0.1-3.5	0.03-0.19

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.