

Manure Summary Report (2022 update)

Poultry, solid w/litter (broilers) – 2019 through 2021

404 Samples

	N (total)	NH ₄ -N	P ₂ O ₅ %	K ₂ O	Moisture
Mean	2.71	0.34	2.52	2.95	27.97
Minimum	0.82	0.001	0.16	0.11	7.42
Maximum	4.82	1.83	5.43	6.98	70.70
Median	2.79	0.23	2.49	2.97	26.21

Poultry wo/litter (layers) – 2017 through 2021

48 Samples

	N (total)	NH ₄ -N	P ₂ O ₅ %	K ₂ O	Moisture
Mean	2.92	0.64	2.47	1.77	43.67
Minimum	0.92	0.03	0.97	0.69	6.83
Maximum	5.95	1.46	4.88	3.36	71.48
Median	2.87	0.70	2.09	1.65	44.55

Beef Cattle, solid – 2017 through 2021

475 Samples

	N (total)	NH ₄ -N	P ₂ O ₅ %	K ₂ O	Moisture
Mean	0.74	0.10	0.43	0.85	64.61
Minimum	0.12	0.001	0.004	0.03	6.76
Maximum	2.75	0.98	2.96	4.35	79.91
Median	0.64	0.07	0.35	0.68	69.81

Beef Cattle, semisolid – 2017 through 2021

133 Samples

	N (total)	NH ₄ -N	P ₂ O ₅ %	K ₂ O	Moisture
Mean	0.38	0.06	0.21	0.39	83.07
Minimum	0.16	0.004	0.06	0.06	80.02
Maximum	0.96	0.35	0.77	1.34	89.40
Median	0.35	0.05	0.18	0.34	82.95

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Beef Cattle, liquid – 2017 through 2021

133 Samples

	N (total)	NH ₄ -N	P ₂ O ₅ %	K ₂ O	Moisture
Mean	.0166	.053	.099	0.219	95.83
Minimum	0.012	0.008	0.013	0.043	90.24
Maximum	0.547	0.18	0.51	1.176	99.70
Median	0.162	0.04	0.06	0.17	95.60

Dairy Cattle, solid – 2017 through 2021

223 Samples

	N (total)	NH ₄ -N	P ₂ O ₅ %	K ₂ O	Moisture
Mean	0.66	0.09	0.35	0.77	69.49
Minimum	0.24	0.001	0.07	0.09	29.31
Maximum	1.87	0.47	1.28	3.12	79.80
Median	0.58	0.07	0.31	0.66	74.17

Dairy Cattle, semisolid – 2017 through 2021

88 Samples

	N (total)	NH ₄ -N	P ₂ O ₅ %	K ₂ O	Moisture
Mean	0.41	0.07	0.22	0.45	83.80
Minimum	0.11	0.001	0.07	0.11	80.00
Maximum	0.79	0.40	0.69	1.08	89.98
Median	0.38	0.05	0.20	0.40	82.86

Dairy Cattle, liquid – 2017 through 2021

269 Samples

	N (total)	NH ₄ -N	P ₂ O ₅ %	K ₂ O	Moisture
Mean	0.17	0.07	0.08	0.21	95.42
Minimum	0.01	0.002	0.005	0.004	82.50
Maximum	1.54	1.51	0.41	1.76	100.00
Median	0.15	0.06	0.07	0.18	96.09

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Swine, solid – 2017 through 2021

15 Samples

	N (total)	NH₄-N	P₂O₅ %	K₂O	Moisture
Mean	1.33	0.21	0.99	1.04	57.11
Minimum	0.52	0.02	0.40	0.25	28.80
Maximum	2.65	0.49	2.01	2.99	79.10
Median	1.24	0.23	0.87	0.91	58.45

Swine, liquid – 2017 through 2021

7 Samples

	N (total)	NH₄-N	P₂O₅ %	K₂O	Moisture
Mean	0.183	0.125	0.072	0.145	99.03
Minimum	0.089	0.41	0.04	0.079	98.50
Maximum	0.246	0.201	0.142	0.19	99.46
Median	0.18	0.12	0.052	0.144	99.02

Sheep, solid – 2017 through 2021

22 Samples

	N (total)	NH₄-N	P₂O₅ %	K₂O	Moisture
Mean	1.09	0.14	0.83	1.35	58.03
Minimum	0.51	0.01	0.28	0.20	13.84
Maximum	2.35	0.26	1.71	2.30	74.74
Median	0.91	0.11	0.65	1.34	62.91

Horse, Solid – 2017 and 2018

212 Samples

	N (total)	NH₄-N	P₂O₅ %	K₂O	Moisture
Mean	0.67	0.11	0.45	0.71	58.93
Minimum	0.04	0.001	0.03	0.04	6.54
Maximum	3.32	0.40	1.32	4.44	83.23
Median	0.56	0.09	0.36	0.49	63.74