

Supplemental Table S1. Complete Net N mineralized results (Net N_{min}¹) from the feather meal (FM), mixed source (MIX), and pelleted poultry litter (PPL) fertilizers incubated at 4, 10, 20 and 30 °C for 120 d in a Cecil sandy clay loam soil.

Time of incubation (Days)	Fertilizer	Temperature							
		4°C		10°C		20°C		30°C	
Net N _{min} (mg inorganic N·kg ⁻¹ dry material) ¹									
2	FM	0.56	A a ²	3.72	A a	3.66	A a	0.00	A a
	MIX	0.00	A a	4.61	A a	2.00	A a	0.00	A a
	PPL	0.00	A a	0.00	A a	4.20	A a	1.77	A a
4	FM	12.31	AB ab	6.17	A b	22.02	A ab	34.09	A a
	MIX	6.01	B ab	2.08	A b	3.08	C b	9.71	AB a
	PPL	16.91	A a	1.31	A a	10.17	B a	5.45	B a
7	FM	15.08	Aa	24.10	Aa	32.68	Aa	36.65	Aa
	MIX	2.32	Ab	1.77	Bb	18.91	Aa	6.75	Bb
	PPL	14.28	Aa	16.98	Aa	16.13	Aa	0.00	Bb
14	FM	31.84	A c	41.66	A b	53.71	A a	45.22	A ab
	MIX	18.87	A a	--		26.69	B a	16.88	B a
	PPL	15.70	A a	11.97	B a	11.06	C a	0.06	C b
35	FM	62.00	A b	58.90	A b	65.43	A ab	72.04	A a
	MIX	32.67	B a	29.42	B a	30.20	B a	32.36	B a
	PPL	23.61	C a	20.72	B a	13.47	C a	11.53	C a
56	FM	57.52	Ab	60.37	Ab	61.84	Ab	95.88	Aa
	MIX	29.34	Bb	30.86	Bb	41.93	Aab	46.86	Ba
	PPL	13.36	Ca	15.24	Ca	14.77	Ba	20.75	Ba
88	FM	59.52	Aa	63.24	Aa	56.96	Aa	75.33	Aa
	MIX	33.50	Ba	34.59	Ba	47.34	Aa	47.12	Ba
	PPL	14.17	Cab	18.20	Ca	16.11	Aab	8.63	Cb
120	FM	65.22	A a	60.53	A a	73.70	A a	72.14	A a
	MIX	41.29	B ab	36.24	B b	58.85	A a	40.67	B ab
	PPL	17.15	C a	22.46	C a	18.48	B a	14.98	C a

¹ Net N_{min} = Inorganic N_{d=x} - Inorganic N Control_{t=x} - Inorganic N of Material_{t=0}

²Different uppercase letters represent significant differences within fertilizers at each sampling point, and different lowercase letters represents significant differences among different temperatures for each fertilizer and incubation time according to Tukey's honest significant difference test (P<0.05).

Supplemental Table S2. Complete Net N mineralized results (Net N_{min}¹) from the feather meal (FM), mixed source (MIX), and pelleted poultry litter (PPL) fertilizers incubated at 4, 10, 20 and 30 °C for 120 d in a Tifton loamy sand soil.

Time of incubation (Days)	Fertilizer	Temperature							
		4°C		10°C		20°C		30°C	
Net N _{min} (mg inorganic N·kg ⁻¹ dry material) ¹									
2	FM	3.15	A a ²	3.51	A a	3.38	A a	4.15	B a
	MIX	0.24	A b	3.31	A ab	0.00	A b	4.02	B a
	PPL	2.77	A ab	0.00	A b	4.94	A ab	11.26	A a
4	FM	1.86	A bc	0.00	B c	14.46	A ab	18.60	A a
	MIX	1.15	A a	1.10	B a	0.91	B a	4.39	A a
	PPL	2.24	A b	9.65	A ab	13.26	A a	8.57	A ab
7	FM	12.56	Ba	12.33	Aa	23.02	Aa	13.64	Aa
	MIX	2.66	Cab	0.00	Ab	9.92	Aab	19.19	Aa
	PPL	21.64	Aa	8.65	Aab	7.76	Aab	4.37	Ab
14	FM	28.06	A a	28.68	A a	44.01	A a	33.82	A a
	MIX	6.04	B a	9.20	B a	21.71	AB a	17.88	AB a
	PPL	15.21	AB a	7.95	B ab	6.97	B ab	0.00	B b
35	FM	50.74	A ab	56.51	A a	48.93	A ab	43.39	A b
	MIX	20.31	B a	28.73	B a	30.62	A a	35.51	A a
	PPL	11.04	C a	15.33	C a	3.08	B b	0.00	B b
56	FM	58.61	Aa	53.57	Aab	43.43	Ab	46.99	Aab
	MIX	27.72	Ba	27.48	Ba	36.37	Aa	29.44	Aa
	PPL	8.91	Cab	10.43	Ca	2.45	Bbc	0.00	Bc
88	FM	62.18	Aa	57.61	Aab	46.20	Abc	33.71	Ac
	MIX	30.14	Bab	24.15	Bb	44.59	Aa	29.95	Aab
	PPL	8.81	Ca	7.94	Ca	15.76	Aa	0.00	Ba
120	FM	61.91	A a	64.55	A a	50.09	A b	42.13	A b
	MIX	28.43	B b	31.55	B b	49.49	A a	26.24	A b
	PPL	13.22	C a	9.74	C a	10.76	B a	0.00	B a

¹ Net N_{min} = Inorganic N_{d=x} - Inorganic N Control_{t=x} - Inorganic N of Material_{t=0}

²Different uppercase letters represent significant differences between fertilizers at each sampling point, and different lowercase letters represents significant differences among different temperatures for each fertilizer and incubation time according to Tukey's honest significant difference test (P<0.05).