

NUTRIENT CONTENT OF BROILER LITTER

The average nutrient content of broiler litter is quite variable (Table 1). There is a wide range in composition of litter samples taken in East Texas. A broiler producer needs to have samples of his litter analyzed each year to determine the average nutrient content under his management program. This will give each producer a better idea of the nutrient content of litter produced on his farm.

Table 1. Content of Broiler Litter for Use as a Fertilizer

Nutrient	Composition (lbs./ton)	
	Average	Range
Nitrogen	57.5	34.0 - 89.0
Phosphorus (P ₂ O ₅)	51.4	32.0 - 67.2
Potassium	39.8	16.0 - 48.2
Calcium	29.3	9.3 - 53.3
Magnesium	7.0	0.09 - 12.0
Sulfur	5.7	1.5 - 12.0
Manganese	0.44	0.20 - 0.79
Iron	1.92	1.03 - 2.51
Boron	0.07	0.02 - 0.08
Copper	0.05	0.02 - 0.08
Zinc	0.22	0.13 - 0.38
Molybdenum	0.02	0.01 - 0.05

Source: Sweeten, 1986