

Nutrient Profile of 4-Flock Litter

Component	Unit	Crusted	Compost	P Value
Total Nitrogen	lbs/ton	56.3	55.0	0.26
Ammon. Nitrogen	lbs/ton	8.9	9.1	0.36
Phosphorus (P2O5)	lbs/ton	58.3	59.7	0.19
Water Extract. P	lbs/ton	0.42	0.38	0.01
Potassium (K2O)	lbs/ton	50.2	52.5	<.01
Moisture	%	29.2	27.3	<.01
Ash	%	14.5	17.8	<.01
Carbon	%	27.9	27.6	0.32

Source: Bud Malone. The Delaware Nutrient Management Commission funded a comparison of conventional litter management to in-house composting between flocks. Following a total clean out, 3 houses were crusted and 3 windrowed (not turned). The results above are the nutrient profile of the litter after 4 flocks. Implications of nutrients removed in the crusted houses (cake litter) is not considered in this data.