

Appendix C: Applied manure composition

Applied manure was tested by the Clemson University Manure Testing Laboratory.

Table C-1: Manure composition results from applied manure collected from George Hudson dairy, Dublin, Virginia, Spring 2003.

Constituent	Proportion	Lbs/1000 gal
Ammonia N	0.103%	8.60
Organic N	0.267%	27.28
Nitrate N	3.37 ppm	0.03
Incorporated N		20.27
Surface available N		17.67
P ₂ O ₅	0.2709	22.61
K ₂ O	0.4684	39.09
Ca	0.1032	8.61
Mg	0.3111	25.96
S	0.0667	5.57
Zn	39.81 ppm	0.33
Cu	8.66 ppm	0.07
Mn	83.74 ppm	0.70
Na	234.92 ppm	1.96
pH	8.1	
Moisture Content	71.40	
Calcium Carbonate	9.77	815.31
Soluble P	0.0572	4.77