



Appendix C – Nutrient Analyses of Some Organic Materials

Data from Western Fertilizer Handbook–Ninth Edition, 2002, Table 15, p. 319-320

Source	%N	%P ₂ O ₅	%K ₂ O
Non-Composted Poultry (dry)			
Turkey/rice hull litter	1.75	2.65	1.85
Fresh broiler/rice hull	3.90	2.55	2.65
Fresh layer	3.95	6.25	3.35
Aged layer	2.15	8.20	3.95
Non-composted dairy/steer (dry)			
Fresh dairy separator solids	2.15	0.85	0.60
Fresh dairy corral scrapings	2.35	1.30	0.70
Aged Dairy separator solids	2.05	0.65	0.40
Aged steer corral scrapings	1.30	1.55	3.30
Composts (dry)			
Brioler/rice hull compost	1.90	4.30	2.50
Dairy	1.35	1.35	2.85
Dairy/gin trash	1.55	1.10	2.85
Dairy/steer	1.65	0.85	2.55
Dairy/poultry	1.70	1.95	3.30
Gin trash	2.25	0.80	2.50
Vermicompost	1.00-3.40	.07-.25	.77-1.41
Bulky organic materials (dry)			
Alfafa hay	2.50	0.50	2.10
Bean straw	1.20	0.25	1.25
Grain straw Cotton gin trash	0.60	0.20	1.10
Seaweed (kelp)	1.65	0.55	1.90
Winery pomace	0.20	0.10	0.60
	1.50	1.50	0.75
Concentrated organic materials (as received)			
Alfafa meal	2.00-3.00	.50-1.00	1.00-3.00
Cottonseed meal	6.00-7.00	.40-3.00	1.00-2.00
Blood meal	10.00-14.00	1.00-2.00	.60-1.00
Bone meal	0-2.00	10.00-14.00	0
Hoof and horn meal	10.00-14.00	1.00-2.00	0
Fish meal	5.00-12.00	3.00-8.00	2.00-4.00
Fish emulsion	5.00-6.00	1.00-2.00	1.00-2.00
Kelp meal	1.00-1.50	.10-.50	2.00-4.00
Feather meal	12.00	0	0
Bat guano	8.00-13.00	2.00-5.00	.05-2.00
Sewage sludge (dried biosolids)	.10-17.60	.10-14.30	.10-2.60
Tankage (dried animal residue)	7.00	8.60-10.00	.50-1.50