

# Approximate Composition of Some Natural Fertilizer Materials

## *Solid Waste Management Fact Sheet No. 8*

Material	Nitrogen (N) %	Phosphoric Acid (P) %	Potash (K) %
<b>Bulky Organic Materials</b>			
Alfalfa hay	2.5	.5	2.0
Bean straw	1.2	.3	1.2
Crabgrass	.66	.19	.71
Grain straw	.6	.2	1.0
Oak leaves	.80	.35	.15
Peanut hulls	1.5	---	.8
Peat	2.3	.4	.8
Sawdust	.2	---	.2
Seaweed (kelp)	.6	---	1.3
<b>Manures</b>			
Bat guano	10.0	4.5	2.0
Cow manure, dried	1.3	.9	.8
Cow manure, fresh	.5	.2	.5
Hen manure, dried, with litter	2.8	2.8	1.5
Hen manure, fresh	1.1	.9	.5
Horse manure, fresh	.6	.3	.5
Pig manure, fresh	.6	.5	.4
Sheep manure, dried	1.4	1.0	3.0
Sheep manure, fresh	.9	.5	.8
<b>Rock Powders</b>			
Basic slag	---	8-17	---
Greensand (glauconite)	---	1.4	4.0-9.5
Hybro-tite	---	.002	---
Rock phosphate (apatite)	---	38-40	4.5
<b>Vegetative &amp; Animal Materials</b>			
Bonemeal, steamed	2.0	22	---
Castor pomace	6.0	1.9	.5
Cocoa shell meal	2.5	1.5	2.5
Cottonseed meal	6.0	3.0	1.0
Dried blood meal	13.0	1.5	.8
Feathers	15.0	30.0	---
Fish meal	10.0	6.0	---
Fish scrap	5.0	3.0	---
Garbage tankage	1.5	2.0	.7
Hoof & horn meal	12.0	2.0	---
Soybean meal	7.0	1.2	1.5
Tankage, animal	9.0	6.0	---
Tankage, processed	7.0	1.0	.1
Wood ashes	---	1.8	5.0

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