

Conn. Ag. Exp. Station - New Haven, Conn.

Aug. 28th 1877

Analysis of "Composition for Vegetables" sold
by Pollard Bros. 3 Custom House Square
New Haven Ct.

Analysis on Barrels { Organic & soluble Plant Food 75%
Inorganic Matter 27%

Station Analysis & Valuations

	Pounds in 100 dry	Pounds in ton fresh	Value per lb	Value per ton
Water	15.41	677.1		
Vegetable matter (Nitrogen of Veg. M.)	12.04 (.09)	188.3 (1.4)	18cts	25cts
Sand + Earth	68.12	1065.3		
Potash	.46	7.2	6 "	43 "
Soda	1.24	19.4		
Lime	1.41	22.0		
Magnesia	.88	13.8		
Phosphoric Acid	.39	6.1	5¢ "	31
Carbonic acid + chlorine	.05	.8		
Value per ton, estimated.				\$ 0.99
Cost " "				\$ 32.00

Since the barrel stated to contain 250 lbs., weighed but $195\frac{1}{2}$ lbs., owing presumably to loss of water. 1564 lbs of this "Composition" as analyzed, represent 1 ton of it fresh from the factory. In the fresh state it contains 2½ per cent. of plant food, or less than a good compost. This "Composition for vegetables" strikingly resembles the "Composition for Grass" reported Aug. 18th and contains, in the ton of fresh substance, the same amounts of sand & earth of lime magnesia and phosphoric acid, with a little more water potash and Soda & less vegetable matter.

S. W. Johnson — Director.