

Conn. Ag. Exp. Station - New Haven Conn
Aug 18th 1877

Analysis of "Composition for Grass" sold by
Pollard Bros. Manufacturers and Dealers in Improved
Fertilizers. 3 Custom House Square New Haven Ct.

Analysis on Barrels { "Organic and soluble Plant Food 86"
Inorganic Matter. 54

Station Analysis + Valuation.

	Pounds per 100.	Pounds per Ton	Value per lb.	Value per ton.
Water	16.72	637.5		
Vegetable Matter (Nitrogen of veg. M.)	13.92 (.19)	227.7 (3.1)	18 cts	56 cts
Sand + Earth	65.27	1067.8		
Potash	.15	2.5	6 cts	32 cts
Soda	.23	2.8		
Lime	1.38	22.6		
Magnesia	.96	15.7		
Phosphoric acid	.37	6.1	5 cts	15 cts
Carbonic acid + Chlorine	1.00	16.4		

Value "estimated" } per ton { \$1.03
 Cost. } \$32.00

As analyzed, the sample contains but 4 percent of "Plant Food." — 96 percent is Water, Vegetable Matter + Earth, not worth barreling.

The Lime, Magnesia + Soda have indeed a small trade value, but since they accompany Nitrogen, Phosphoric Acid + Potash in all good high-priced Fertilizers, their value is included in that of the last-named bodies.

The "Pounds per ton" statement includes, as water, the difference between the selling weight of 250 lbs per bbl. and the actual weight 204½ lbs.

S. W. Johnson - Director.