

Connecticut Agricultural Experiment Station, $4\frac{1}{2}$
 March 11, 1878.

Fertilizer Analyses.

- No. 54, New Haven Chemical Co's Ammoniated Superphosphate;
 sampled by J. J. Webb. Jan. 5.
 No. 63, Wheeler's Ammoniated Bone Phosphate,
 sampled by G. H. Tomlinson, Stratford, Feb. 12.
 No. 70 Dried Blood and Meat Scrap, from manufacturers, Strong,
 Barnes, Hart & Co. New Haven.

	54	63	70
Nitrogen	1.57	2.12	8.51
Soluble Phosphoric Acid	5.21	10.34	
Reverted " "	1.57		
Insoluble " "	1.80	99	3.64
Potash	2.52		
Value	\$ 29.	\$ 35.32	\$ 39.14
Cost	\$ 40	\$ 45.00	\$ 30.00

Analysis of Tobacco Stems

Sampled by J. S. Gold, Jan. 23rd, 1878.

Moisture	32.730
* Organic Matter (difference)	54.787
Sand	1.216
Iron oxide	1.08
Lime	3.639
Magnesia	1.05
Potash	5.243
Soda	.211
Phosphoric Acid	.469
Sulphuric Acid	.615
Chlorine	1.134
	100.255
Deduct oxygen equiv. of Chlorine	2.55
	100.

* with Nitrogen 181 per cent.

Value per ton	\$ 17.50
Cost " " in New York	\$ 8.00

J. W. Johnson
 Director