

Connecticut Agricultural Experiment Station.

New Haven, June 8, 1878.

Bulletin No. 15. Fertilizer Analyses.

- 141 Peruvian Guano, guaranteed 8.2% Nitrogen. Sold by Olds Whipple, 164 State St. Hartford. Sampled and sent May 24, by Andrews Bros. Southington.
- 146 Stockbridge Potato Fertilizer. Claimed 4.5-5.25% Nitrogen, 7-8% Potash, 2-3% Soluble Phos. Acid, 4-5% insoluble Phos. Acid. Sold by Olds Whipple, Hartford.
- 148 American Ammoniated Superphosphate. Claimed 9-11% Available Phos. Acid, 2.1-2.9% Nitrogen, 2-2.5% Potash. Manufactured by Rafferty Williams, N.Y. Sold by Rodney Kellogg, Hartford.
- 142 Castor Pomace. Manufactured by H. J. Baker & Bro. N.Y. City.
- 143 Bone Manure, Manufactured by G. W. Baker Williamsburgh, N.Y.
- 145 Rotted Bone Manure, Manufactured by G. W. Baker, Williamsburgh, N.Y.
- 147 Bone Meal, American Brand. Claimed "Bone Superphosphate of Lime 50-58%", 2.9-3.7% Nitrogen. Manufactured by Rafferty Williams, N.Y. Sold by Rodney Kellogg Hartford.

142, 143, 145, 146 were sampled and sent by S. M. Wells, Abethersfield, May 28.

147, 148 were sampled and sent by G. J. Webb, New Haven, May 2.

	141	146	148	142	143	145	147
Nitrogen	8.55	3.49	2.16	4.59	3.26	2.05	3.05
Soluble Phos. Acid	5.37	5.15	5.12				
Reverted " "	4.57	1.24	1.40				
Insoluble " "	3.40	.18	3.49	1.50	11.85	2.43	22.65
Potash	3.14	10.22	2.01				

Sale Value per Ton \$63.29 44.65 31.87 21.06 28.33 10.78 42.69
Cost " " \$54.50 50.00 38.00 22.00 25.00* 10.00* 38.00.

* Wholesale-- In 141 Potash is valued at 4 1/4 cts. per lb. In 146 & 148 potash is reckoned at 7 1/2 cts. for comparison with similar articles previously reported, but 4 1/4 cts. is high enough for the Conn. market at present.

S. W. Johnson