

**CONNECTICUT AGRICULTURAL  
EXPERIMENT STATION.**

*Bulletin No. 57, April 21, 1881.*

552 Commonwealth Bone Meal, made by Rafferty & Williams, foot of 44th St. East River, New York. Sampled and sent by Staples, Coley & Co., dealers, Westport, Ct.

553 Lister's Celebrated Ground Bone, made by Lister Bros., Newark, N. J. Sold by Simon Banks, Southport, Ct. Sampled April 6th, by Geo. P. Jennings, Greens Farms.

555 Pure Ground Bone, made by Stevens & Draper, Long Hill, Ct. Sampled and sent April 8th, by Geo. P. Jennings, dealer, Greens Farms Ct.

**MECHANICAL ANALYSIS.**

				552	553	555
Finer than	1-50	in.	per c	48	28	15
"	"	1-25	"	21	20	25
"	"	1-12	"	13	17	30
"	"	1-6	"	11	17	30
Coarser than	1-6	"	"	7	18	0

**CHEMICAL ANALYSES.**

	552	553	555
Organic Nitrogen,	1.48	3.44	4.09
Phosphoric acid,	12.11	14.19	21.03
Salt cake, etc., sol- uble in cold wa- ter,	very much	much	much
Estimated value per ton,	\$17.36	\$23.61	\$32.41
Cost per ton,	30.00	31.00	34.00

554 Cooke's Dissolved Ground Bone, made for E. F. Cooke 38 Platt St., N. Y., by the Bowker Fertilizer Co., N. Y. Sample sent by Geo. P. Jennings, dealer, Greens Farms, Ct.

556 Cooke's Blood Guano, made and sampled as 554.

**ANALYSES.**

	554	556
Organic Nitrogen .....	0.21	2.49
Soluble phosphoric acid ..	7.40	6.16
Reverted " " ..	2.01	1.97
Insoluble " " ..	4.20	5.14
Potash .....		2.26
Estimated value per ton...	\$28.00	\$37.11
Cost per ton .....	31.00	46.00

560 Muriate of Potash, "Test 80 per cent." Sampled by C. E. Bunce of South Manchester from stock of Mapes Co. Branch Hartford.

**ANALYSIS.**

Potash .....	45.87
Muriate of Potash .....	72.65
Selling price per ton .....	\$42.00
Cost of "potash" per 100 lbs.....	4.58

S. W. JOHNSON, Director.