

Pennsylvania State College.
Agricultural Experiment Station,
STATE COLLEGE, CENTRE CO., PA.

CONNECTICUT AGRICULTURAL EXPERIMENT STATION,

Bulletin No. 61, May 26, 1881.

SPECIAL MANURES AND SUPER-PHOSPHATES.

594 Mapes Complete Manure
(For light soil).

596 Mapes Corn Manure.

597 Mapes Potato Manure.

The above made and sold by
the Mapes F. & P. G. Co.

605 Stockbridge Potato Manure.

606 Stockbridge Grain Manure.

Both the above made by W.
H. Bowker & Co., Boston, New
York and Rochester, and sold
by R. B. Bradley & Co., New
Haven.

603 Pine Island Guano. Made
by Quinipiac Fertilizer
Co., New London and sold
by R. B. Bradley & Co.,
New Haven.

ANALYSES,

	594	596	597	605	601	603
Nitrogen as Nitrates.....	1 27	0 62	1 32	0 29	0 28	—
“ “ Ammonia.....	2 99	2 21	1 50	2 72	2 92	4 58
“ “ Organic matter.....	1 10	0 80	0 59	6 26	6 04	3 04
Soluble phosphoric acid.....	1 44	2 30	4 62	0 54	1 42	3 31
Reverted “ “.....	4 38	7 14	5 64	0 43	0 13	1 07
Insoluble “ “.....	2 01	2 60	1 22	4 93	5 89	2 83
Potash.....	6 08	5 67	5 00	5 60	6 32	0 96
Chlorine.....	7 54	6 14	4 72	\$33 76	\$36 16	\$37 41
Estimated value per ton.....	\$14 36	\$43 19	\$43 63	\$50 00	\$50 00	\$45 00
Cost per ton.....	\$53 00	\$50 00	\$50 00	\$50 00	\$50 00	\$45 00

600 Dry Ground Fish. Made by Quinnipiac Fertilizer Co., New London and sold by R. B. Bradley, & Co., New Haven.

607 Celebrated Ground Bone. Made by Lister Bros., Newark, N. J., and sold by R. B. Bradley & Co., New Haven, Ct..

MECHANICAL ANALYSIS OF 607.

		per ct
Fine,	smaller than 1-50 in,	31
Fine medium,	" " 1-25 in,	19
Medium,	" " 1-12 in,	14
Coarse medium,	" " 1-6 in,	17
Coarse,	larger " 1-6 in,	19
		100

CHEMICAL ANALYSES.

	600	607
Nitrogen	6 17	8 02
Phos. acid.....	5 32	9 54
Matters soluble in cold water (salt cake, etc)..		24 02
Estimated value per ton,	\$31 06	\$17 80
Cost per ton.....	\$45 00	\$30 00

. Owing to present advanced prices the Station valuations are, in most cases, too low, as respects Nitrogen and Potash, by about the difference between wholesale cost of raw materials and a fair retail price for manufactured fertilizers.

S. W. JOHNSON, Director.