

CONNECTICUT AGRICULTURAL EXPERIMENT STATION.

Bulletin 44—June 12, 1880.

POLLARD FERTILIZERS: CAUTION.

The readers of the first Bulletins of this Station will remember that in August, 1877, analyses were published of two so-called "Improved Fertilizers," purporting to be made by Pollard Bros., then of New Haven.

These fertilizers, a "Composition for Grass" and a "Composition for Vegetables," were sold to some extent in the vicinity of New Haven for \$32 per ton. They consisted essentially of dried harbor mud with a little bone dust added and were commercially worth about \$1 per ton.

In January last the papers announced the discovery by H. M. Pollard of Providence, R. I., of a new and valuable fertilizer made from night soil, and shortly a sample of "Concentrated Privy Guano" was brought to the Station by a party who gave his name and address as F. C. Cook, 119 Ellsworth Ave., New Haven, and who represented the sample to have been sent him by the manufacturers, Pollard & Cook of Providence. In February the same person brought another sample which he stated was taken by himself in New Haven from a lot of ten

money, to whom Pollard represented that the fertilizer could be made for \$13.50 per ton, and that the right to manufacture it had been sold for Easton, Pa., for \$500, and had been negotiated for Allentown and Reading, Pa., and for Baltimore, M. d.

It would thus appear that H. M. Pollard "discovered" The Concentrated Privy Guano and obtained its analyses from this Station for the purposes of a swindling expedition on which he is now engaged.

FERTILIZER ANALYSES.

418 Castor Pomace from H. J. Baker & Bro., N. Y., sampled by L. S. Wells, New Britain, from stock of F. Ellsworth, Hartford.

422 Strictly Pure Ground Bone, manufactured by H. J. Baker & Bro., N. Y., from stock of S. B. Wakeman.

424 Manhattan Blood Guano, from stock of G. H. Staples, Westport.

422 and 424 were sampled by S. B. Wakeman, Saugatuck.

	418	422	424
Nitrogen	4.64	4.39	3.56
Soluble Phos. Acid	—	—	5.99
Reverted "	—	—	1.10
Insoluble "	1.34	22.17	4.19
Potash	53	—	56*
Calculated value per ton	\$21.45	\$45.21	\$33.55
Cost per ton	\$20.00	\$32.00	\$46.00

*As Murate. †At Saugatuck.

SPECIAL FERTILIZERS.

417 Stockbridge Potato Fertiliz-

tons which he had purchased for his own use.

These samples were duly analyzed—the first completely, the second partially, and the reports of the analyses were made out in the usual form, signed by me and mailed to F. C. Cook. April 3 the analyses were published in Bulletin 38, and thus the reading farmers of Connecticut were apprised of the fact that the "Concentrated Privy Guano," offered for \$65 per ton by Pollard & Cook of Providence, was not made from night soil but was a mixture of nitrates and phosphates of ammonia, potash and soda, commercially worth about \$130 per ton.

The last advices about the Pollard Fertilizers come from Philadelphia, where, according to the letters of an inquiring correspondent, one Dr. H. M. Pollard, representing himself to have been at one time State Chemist to Rhode Island and afterwards to Massachusetts, has been disposing the right to make a patent fertilizer the composition of which is attested by an analysis over the signature of the writer of this bulletin, giving its value at \$127.59 per ton. My correspondent writes that he obtained this information from a party who had agreed to buy the right for a certain section of Pennsylvania for a considerable sum of

er.

416	Forrester's Onion Fertilizer.
420	" Potato "
421	" Corn "
423	" Cabbage "
425	" Turnip "
426	" Oat "

417 was manufactured by W. H. Bowker & Co., sampled by James Nash, from stock of Hubbell & Wakeman, Saugatuck.

416, 420, 421, 423, 425 and 426 were manufactured by H. J. Baker & Bro., 315 Pearl St., N. Y., and sampled by S. B. Wakeman, Saugatuck, from stock for sale by him.

No	N	P	K	S	Mg	Ca	Fe	Cu	Zn	Mn	Na	Cl	Si	Al	Oxide	Water	Total	Estimated value per ton.
417	1.40	2.34	4.30	4.07	2.02	1.30	1.84											\$127.59
416	2.00	2.00	0.40	0.10	—	1.30	1.84											\$127.59
420	4.47	2.16	3.1	3.09	2.74	2.90	1.90											\$127.59
421	3.1	2.17	4.02	4.7	2.0	2.2	1.54											\$127.59
423	4.0	1.10	2.00	1.01	1.0	1.00	0.8											\$127.59
425	7.95*	7.25†	11.10‡	11.00*	3.10*	9.11†	9.20†											\$127.59
426	\$27.75	\$54.00	\$21.20	\$11.10	\$9.00	\$24.01	\$20.80											\$127.59

*As Nitrates. †As Sulphate. ‡As Saugatuck.

S. W. JOHNSON, Director.