

STATE COLLEGE, CENTRE CO., PA.

**CONNECTICUT AGRICULTURAL EX-
PERIMENT STATION.**

Bulletin No. 64, June 17, 1881.

- 610 Superphosphate, made by Lombard & Matthewson, Warrenville, Ct., sold by Buck & Durkee, Willimantic, Ct., sent by N. P. Perkins.
- 620 Matfield Corn Fertilizer, made and sold by the Matfield Fertilizer Co., Boston, Mass., sent by T. S. Gold, West Cornwall, Ct.
- 622 Pure Dissolved Bone, made by H. J. Baker & Bro., New York City.
- 623 Superphosphate of Lime, made by Geo. B. Forrester, New York City.
- 625 Dried Blood, made and sold by S. E. Merwin & Son, New Haven, Ct.,
- 626 Dried Blood and Tankage, made and sold by Strong, Barnes, Hart, & Co., New Haven, Ct.

Nos. 622, 623, 625 and 626 were sampled and sent by J. J. Webb, Hamden, Ct.

- 627 Superphosphate, made and sent by David Dickinson, Middle Haddam, Ct.

| | | | | | | | | | |
|------------------------------|---------|--------|-------|-------|-------|-------|-------|--|--|
| Nitrogen..... | 2 91 | 4 82 | | | | | | | |
| Phos. acid. soluble..... | 2 27 | 1 32 | 13 06 | 12 25 | 6 81 | 7 03 | 3 97 | | |
| reverted..... | 7 42 | 1 63 | 0 99 | 0 70 | | | 5 04 | | |
| insoluble..... | 5 70 | 63 | 1 14 | 0 85 | 9 58 | 6 16 | 9 12 | | |
| Potash..... | | 5 28 | | | | | 3 96 | | |
| Chlorine..... | | 5 52 | | | | | 0 47 | | |
| Estimated value per ton..... | \$37 51 | \$31 2 | 37 0 | 32 91 | 38 71 | 35 51 | 50 07 | | |
| Cost per ton..... | \$40 00 | 45 00 | 30 00 | 28 50 | 30 00 | 35 00 | | | |

624 Muriate of Potash, 83 per cent., imported by H. J. Baker & Bro., New York City, sent by J. J. Webb, Hamden.

628 Plaster, sent by Peck Bros., Northfield, Ct.

| | 624 | 628 |
|---------------------------------------|--------|-------|
| Potash..... | 54 26 | |
| Equiv. muriate of potash. | 86 04 | |
| Sulphuric acid..... | | 44 67 |
| Equiv. hydrated sulphate of lime..... | | 96 4 |
| Insoluble in acids..... | | 2 95 |
| Cost of 100 lbs of Potash.. | \$4 05 | |
| Cost per ton..... | 44 00 | |

S. W. JOHNSON, Director.