CONNECTICUT AGRICULTURAL EXPERIMENT STATION.

Bulletin 27.—May 23, 1879.

FERTILIZER ANALYSES.

259. Mapes’ Onion Fertilizer.
Sampled and sent by T. B. Wakeman, Green’s Farms, Ct.

271 Ammoniated Superphosphate.

ANALYSES.

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</thead>
<tbody>
<tr>
<td>5.70%</td>
<td>2.05</td>
<td>4.35</td>
<td>2.53</td>
<td>7.47</td>
<td>8.44</td>
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* 2 p. c. as Ammo in Suits, 4. 5 p. c. Organic matter.

Estimated value... $47.26 $35.37
Cost, $50.00 $38.00

270. Charter Oak Fertilizer.

ANALYSIS.

<table>
<thead>
<tr>
<th>Moisture</th>
<th>Carb. ac. comb’d water and or organic mat’es*</th>
<th>Chlorine</th>
<th>Phosphoric acid</th>
<th>Sulphuric acid</th>
<th>Lime</th>
<th>Magnesia</th>
<th>Soda</th>
<th>Sand</th>
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<tbody>
<tr>
<td>24.54</td>
<td></td>
<td>0.13</td>
<td>1.02</td>
<td>95</td>
<td>30.91</td>
<td>11.78</td>
<td>0.24</td>
<td>3.49</td>
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*Containing Nit’n. 0.47 20c. 1.88

Value est’d per ton. 7.08
Cost per ton....... 15.00

This material is mainly a refuse magnesian lime, such a lime as is burned from the rock of the quarries in Canaan and elsewhere, in Northern Connecticut. In making a valuation, the lime, magnesia and sulphuric acid are reckoned together at 20 cents per pound, because burned lime containing magnesia, and gypsum containing lime and sulphuric acid, can be got at that rate or for $8 per ton.

S. W. Johnson, Director.