Connecticut Agricultural Experiment Station
New Haven, May 13, 1878
Bulletin No. 12

117 Muriate of Potash, 83.7% Muriate, St. Sampford, May 2, by L. B. Wells, New Britain.

119 Sulphate of Potash, 40.0% actual Potash, Sampled May 2, by W. B. Baldwin, Manchester.

123 Peter Cooper's Pure Ground Bone from J. Hallack & Co., Birmingham. Sampled May 5, by R. E. Winson, Birmingham.


125 S. Frank Coes Superphosphate, Nitrogen 2%, Phosphate Acid 19%. Soluble.

127 Upton's Superphosphate, 2.4% - 3.3% Nitrogen, 10% - 12% Soluble Phos. Acid, 3%-5% Insoluble Phos. Acid.

XII Bowker & Co.'s Animal Meal. From Good Bell Manufacturing Co. East Hampton, Conn.

<table>
<thead>
<tr>
<th>N.</th>
<th>125</th>
<th>127</th>
<th>117</th>
<th>119</th>
<th>123</th>
<th>124</th>
<th>XII</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrogen</td>
<td>2.68</td>
<td>1.82</td>
<td>4.21</td>
<td>2.95</td>
<td>5.20</td>
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<tr>
<td>Soluble Phosphate Acid</td>
<td>8.72</td>
<td>2.80</td>
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<tr>
<td>Insoluble</td>
<td>%1</td>
<td>5.62</td>
<td>2.48</td>
<td>0.80</td>
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<tr>
<td>Kali Nitrate</td>
<td>50.36</td>
<td>38.30</td>
<td>29.34</td>
<td>10.64</td>
<td>6.57</td>
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Calculated Value per ton $36.91 24.02 46.14 25.51
Selling Price $38.00 38.00 33.00 60.00 40.00 35.00
Cost of Potash per 100 lbs. $3.78 7.34

* In New York or $4.3% in New Britain.
** In New York or $4.43.

117, 119 were from H. B. Baker Bros., 215 Pearl St., New York. 124, 125, 127 were from stock of C. B. Teas, Willimantic. Sampled sent by them May 8.

No. XII the statements regarding sample No. XI in last Bulletin apply to this. These two samples agree closely in composition and value.

S. W. Johnson
Director