Connecticut Agricultural Experiment Station
New Haven May 7, 1878.
Bulletin No. 10.

Fertilizer Analyses

107 S. F. Core's Ammoniated Superphosphate-J. B. Barstow, Norwich
108 Dissolved Bone-Manufactured by A. B. King, Rockville,
110 Mitchell's Superphosphate manufactured by McKinley
and Heimes, Linden M. J.
111 Pure Bone Superphosphate manufactured by Lombard
and Mathewson, Warrenville,
113 Manhattan Plant Blood Quan., Downes, Mallow, S. Norwalk,
112 Bournes Blood Manuf. New Haven Chemical Co.

Sample 107 was taken by J. B. Barstow, Apt. 17
109 " " Albert Day, N. Kelly, Apt. 4
108 " " S. H. Gager, Quassyville, " 6
110 " " Albert Day, N. Kelly, " 4
111 " " J. D. Day, Ashford, " 18
113 " " J. B. Wakeman, Quans Farm, " 24
112 " " J. J. Webb, Hanover, " 8

107 and 109 are guaranteed to contain 9% - 12% of
Soluble Phosphoric Acid, and 2% - 2.3% Nitrogen.
110 is guaranteed to contain 9% to 11% of Phosphoric Acid,
and 1.5% to 2.4% Nitrogen.

<table>
<thead>
<tr>
<th></th>
<th>107</th>
<th>109</th>
<th>108</th>
<th>110</th>
<th>111</th>
<th>113</th>
<th>112</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrogen</td>
<td>2.41</td>
<td>2.17</td>
<td>2.47</td>
<td>1.73</td>
<td>1.59</td>
<td>2.67</td>
<td>10.02</td>
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<tr>
<td>Soluble Phos. Acid</td>
<td>8.58</td>
<td>7.00</td>
<td>2.14</td>
<td>0.97</td>
<td>5.88</td>
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<td>Phosphate</td>
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<td>0.95</td>
<td>9.40</td>
<td>2.99</td>
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<td>Acid soluble</td>
<td>3.30</td>
<td>4.92</td>
<td>3.13</td>
<td>5.45</td>
<td>0.90</td>
<td>1.37</td>
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<td>Potash</td>
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<td>0.28</td>
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Calculated Value: $36.27  34.78  36.57  29.36  25.15  34.04  44.38
Cost: $38.00  37.00  45.00  35.00  43.00  47.50  40.00

S. H. Johnson
Director