COMMERCIAL FERTILIZERS

Inspection report

1972

J. GORDON HANNA
COMMERCIAL FERTILIZERS
INSPECTION REPORT

1972

J. Gordon Hanna, Chief Chemist

Listed in this report for 1972 are the manufacturers' names, the number of samples of the products of each manufacturer collected, the number of these samples found deficient, and the ratios of the percentages of nitrogen, phosphoric acid, potash, secondary and minor elements found to the percentages guaranteed. Results of 790 samples of fertilizer produced by 110 manufacturers are summarized. A table of the tonnage sold during the period between July 1, 1971 and June 30, 1972 is included.

Analyses were made by R. A. Botsford, S. Christie, W. Glowa, H. Kocaba, S. P. Squires, and R. E. West. Inspection and sampling were by Mr. R. R. Nichols.
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# Tonnages of Fertilizer Materials and Mixed Fertilizers Purchased During the Period of July 1, 1971 - June 30, 1972

### I. Chemical Nitrogen

<table>
<thead>
<tr>
<th>Material</th>
<th>Tons</th>
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</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous</td>
<td>2</td>
</tr>
<tr>
<td>Ammonia, aqua</td>
<td>1024</td>
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<tr>
<td>Ammonium nitrate</td>
<td>303</td>
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<tr>
<td>Ammonium sulfate</td>
<td>3</td>
</tr>
<tr>
<td>Calcium nitrate</td>
<td>33</td>
</tr>
<tr>
<td>Nitrate of soda</td>
<td>67</td>
</tr>
<tr>
<td>Urea</td>
<td>3000</td>
</tr>
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<td>Ureaform</td>
<td>27</td>
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Total: 4459

### II. Organics

<table>
<thead>
<tr>
<th>Material</th>
<th>Tons</th>
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<tbody>
<tr>
<td>Castor pomace</td>
<td>85</td>
</tr>
<tr>
<td>Cottonseed meal</td>
<td>7119</td>
</tr>
<tr>
<td>Linseed meal</td>
<td>360</td>
</tr>
<tr>
<td>Soybean meal</td>
<td>1244</td>
</tr>
<tr>
<td>Dried blood</td>
<td>10</td>
</tr>
<tr>
<td>Dried manures</td>
<td>4126</td>
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<tr>
<td>Fish meal</td>
<td>282</td>
</tr>
<tr>
<td>Sewage sludge</td>
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Total: 14286

### III. Phosphates

<table>
<thead>
<tr>
<th>Material</th>
<th>Tons</th>
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<tbody>
<tr>
<td>Bone meal</td>
<td>199</td>
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<tr>
<td>Calcium phosphate</td>
<td>392</td>
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<tr>
<td>Diammonium phosphate</td>
<td>11</td>
</tr>
<tr>
<td>Superphosphate, 20%</td>
<td>693</td>
</tr>
<tr>
<td>Superphosphate, 46%</td>
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Total: 2379

### IV. Potash

<table>
<thead>
<tr>
<th>Material</th>
<th>Tons</th>
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<tbody>
<tr>
<td>Muriate of potash</td>
<td>2200</td>
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<tr>
<td>Nitrate of soda - potash</td>
<td>15</td>
</tr>
<tr>
<td>Sulfate of potash - magnesia</td>
<td>35</td>
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<tr>
<td>Potassium nitrate</td>
<td>12</td>
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</table>

Total: 2267

### V. Secondary and Micronutrients

<table>
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<tr>
<td>Copper sulfate</td>
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<td>Magnesium sulfate</td>
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<td>Iron sulfate</td>
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Total: 19

### VI. Mixed Fertilizers

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<th>Category</th>
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<td>Commercial Mixtures</td>
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<td>Special and Home Mixtures</td>
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Total: 46684

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# Mixed Fertilizer Distribution

### July 1, 1971 - June 30, 1972

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<td>5-10-5</td>
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<td>8-6-4</td>
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<td>10-5-5</td>
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<td>10-20-10</td>
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<td>12-4-8</td>
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Total: 42066

*Small amounts or reported by less than three manufacturers.
Founded in 1875 — First Station in the Nation