### Injection Ratios & Concentrations for Constant Feeding

**WITH MASTERBLEND WATER SOLUBLE FERTILIZER**

<table>
<thead>
<tr>
<th>Injector Ratio</th>
<th>100 PPM Nitrogen</th>
<th>150 PPM Nitrogen</th>
<th>200 PPM Nitrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:300</td>
<td>27.00 oz.</td>
<td>40.50 oz.</td>
<td>54.00 oz.</td>
</tr>
<tr>
<td>1:200</td>
<td>18.00 oz.</td>
<td>27.00 oz.</td>
<td>36.00 oz.</td>
</tr>
<tr>
<td>1:150</td>
<td>13.50 oz.</td>
<td>20.25 oz.</td>
<td>27.00 oz.</td>
</tr>
<tr>
<td>1:128</td>
<td>11.52 oz.</td>
<td>17.28 oz.</td>
<td>23.04 oz.</td>
</tr>
<tr>
<td>1:100</td>
<td>9.00 oz.</td>
<td>13.50 oz.</td>
<td>18.00 oz.</td>
</tr>
<tr>
<td>1:50</td>
<td>4.50 oz.</td>
<td>6.75 oz.</td>
<td>9.00 oz.</td>
</tr>
<tr>
<td>1:30</td>
<td>2.70 oz.</td>
<td>4.05 oz.</td>
<td>5.40 oz.</td>
</tr>
<tr>
<td>1:24</td>
<td>2.15 oz.</td>
<td>3.21 oz.</td>
<td>4.32 oz.</td>
</tr>
<tr>
<td>HOZON 1:15</td>
<td>1.35 oz.</td>
<td>2.025 oz.</td>
<td>2.70 oz.</td>
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</table>

**15% NITROGEN FORMULAS (15-16-17, 15-5-25, 15-0-15, etc.)**

<table>
<thead>
<tr>
<th>Injector Ratio</th>
<th>100 PPM Nitrogen</th>
<th>150 PPM Nitrogen</th>
<th>200 PPM Nitrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:300</td>
<td>16.50 oz.</td>
<td>24.75 oz.</td>
<td>33.00 oz.</td>
</tr>
<tr>
<td>1:200</td>
<td>11.00 oz.</td>
<td>16.50 oz.</td>
<td>22.00 oz.</td>
</tr>
<tr>
<td>1:150</td>
<td>8.25 oz.</td>
<td>12.375 oz.</td>
<td>16.50 oz.</td>
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<tr>
<td>1:128</td>
<td>7.04 oz.</td>
<td>10.56 oz.</td>
<td>14.08 oz.</td>
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<tr>
<td>1:100</td>
<td>5.50 oz.</td>
<td>8.25 oz.</td>
<td>11.00 oz.</td>
</tr>
<tr>
<td>1:50</td>
<td>2.75 oz.</td>
<td>4.125 oz.</td>
<td>5.50 oz.</td>
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<tr>
<td>1:30</td>
<td>1.65 oz.</td>
<td>2.475 oz.</td>
<td>3.30 oz.</td>
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<tr>
<td>1:24</td>
<td>1.32 oz.</td>
<td>1.98 oz.</td>
<td>2.64 oz.</td>
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<tr>
<td>HOZON 1:15</td>
<td>0.825 oz.</td>
<td>1.237 oz.</td>
<td>1.65 oz.</td>
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</table>

**25% NITROGEN FORMULAS (24-8-16, 25-5-15, 25-0-25, etc.)**

<table>
<thead>
<tr>
<th>Injector Ratio</th>
<th>100 PPM Nitrogen</th>
<th>150 PPM Nitrogen</th>
<th>200 PPM Nitrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:300</td>
<td>20.25 oz.</td>
<td>30.375 oz.</td>
<td>40.50 oz.</td>
</tr>
<tr>
<td>1:200</td>
<td>13.50 oz.</td>
<td>20.25 oz.</td>
<td>27.00 oz.</td>
</tr>
<tr>
<td>1:150</td>
<td>10.125 oz.</td>
<td>15.187 oz.</td>
<td>20.25 oz.</td>
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<tr>
<td>1:128</td>
<td>8.64 oz.</td>
<td>12.96 oz.</td>
<td>17.28 oz.</td>
</tr>
<tr>
<td>1:100</td>
<td>6.75 oz.</td>
<td>10.125 oz.</td>
<td>13.50 oz.</td>
</tr>
<tr>
<td>1:50</td>
<td>3.375 oz.</td>
<td>5.0675 oz.</td>
<td>6.75 oz.</td>
</tr>
<tr>
<td>1:30</td>
<td>2.025 oz.</td>
<td>3.037 oz.</td>
<td>4.05 oz.</td>
</tr>
<tr>
<td>1:24</td>
<td>1.62 oz.</td>
<td>2.43 oz.</td>
<td>3.24 oz.</td>
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<tr>
<td>HOZON 1:15</td>
<td>1.012 oz.</td>
<td>1.518 oz.</td>
<td>2.025 oz.</td>
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**20% NITROGEN FORMULAS (20-20-20, 20-10-20, 21-7-7, etc.)**

<table>
<thead>
<tr>
<th>Injector Ratio</th>
<th>100 PPM Nitrogen</th>
<th>150 PPM Nitrogen</th>
<th>200 PPM Nitrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:300</td>
<td>13.50 oz.</td>
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<td>27.00 oz.</td>
</tr>
<tr>
<td>1:200</td>
<td>9.00 oz.</td>
<td>13.50 oz.</td>
<td>18.00 oz.</td>
</tr>
<tr>
<td>1:150</td>
<td>6.75 oz.</td>
<td>10.125 oz.</td>
<td>13.50 oz.</td>
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<tr>
<td>1:128</td>
<td>5.76 oz.</td>
<td>8.64 oz.</td>
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<td>1:100</td>
<td>4.50 oz.</td>
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<td>9.00 oz.</td>
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<td>1:50</td>
<td>2.25 oz.</td>
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<td>4.50 oz.</td>
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<tr>
<td>1:30</td>
<td>1.35 oz.</td>
<td>2.025 oz.</td>
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<td>1:24</td>
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<td>HOZON 1:15</td>
<td>.675 oz.</td>
<td>1.0125 oz.</td>
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**30% NITROGEN FORMULAS (30-10-10, etc.)**

<table>
<thead>
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<th>Injector Ratio</th>
<th>100 PPM Nitrogen</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1:300</td>
<td>1.35 oz.</td>
<td>2.025 oz.</td>
<td>2.70 oz.</td>
</tr>
</tbody>
</table>

Note: To convert oz./gal. to g/L, multiply ounces by 7.5.

Manufactured by:
Masterblend International, LLC
4673 Weitz Road, Morris, IL 60450
800-495-3783
info@masterblend.com • www.masterblend.com
Masterblend Conductivity Chart

Use this chart in conjunction with your conductivity meter to check the accuracy of your injector. Your meter should read in millimhos. These readings were made with distilled water and thus our readings may vary plus 10% from those on this chart.

Note: To convert millimhos to micromhos, multiply by 1000.

<table>
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<th>Mixed Masterblend Analysis</th>
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<th>100</th>
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</tbody>
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