Gravity® PGS
PLANT GROWTH STIMULATOR

Plant Growth Stimulator
Gravity® PGS, a unique blend of plant growth hormones, is designed to stimulate root growth and plant health in new seedlings, transplants and existing plants. Gravity® PGS contains Cytokinin, Gibberellic acid and Indole butyric acid (IBA). Cytokinin is a natural plant hormone that promotes cell division while slowing leaf aging. Gibberellic acid is a naturally occurring plant hormone that stimulates cell division. Indole butyric acid (IBA) is a plant hormone that stimulates vigorous root formation and development. Gravity® PGS greatly assists seed germination and cutting/sod/seed establishment. Also available as a coating on turfgrass seed.

Features and Benefits
• Contains 3 EPA registered plant growth hormones, Cytokinin, Gibberellic acid, IBA
• Improves root growth on young and established plants
• Aids recovery of stressed plants

Application Rate
Turf: 0.1 - 0.15 fl oz per 1000 sq ft
Transplant solution: 0.75 fl oz per 1 gal of water

Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cytokinin, as kinetin</td>
<td>0.090%</td>
</tr>
<tr>
<td>Gibberellic acid</td>
<td>0.030%</td>
</tr>
<tr>
<td>Indolebutyric acid</td>
<td>0.045%</td>
</tr>
<tr>
<td>Other ingredients</td>
<td>99.835%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Packaging
1 quart
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Clipping Production
Gravity® PGS (0.1 fl oz per 1000) and 46-0-0 (0.125 lb N per 1000) were applied to a creeping bentgrass/annual bluegrass putting green. Clipping production was evaluated 7 days after application. Gravity® PGS treated plots did not substantially increase clippings compared to the untreated plots and produced fewer clippings than 46-0-0 treated plots. Research conducted by Steve McDonald, Turfgrass Disease Solutions, 2013.

Seed Germination
Seed germination of Gravity® PGS treated seed was compared to untreated seed. Kentucky Bluegrass seed treated with Gravity® PGS had significantly faster initial germination and had more total seed germination. Tall Fescue, Creeping Bentgrass, and Chewings Fescue treated seed exhibited similar results. Research conducted by Dr. Brian Horgan, Dr. Eric Watkins and Andrew Hollman, University of Minnesota, 2012.