Premium Golf Fertilizer Products
Combining today’s leading-edge technology with over 50 years of turf product development expertise, the Prevail brand of premium golf fertilizers offers advanced solutions for greens, tees and fairways. Supported by University research and extensive product testing, Prevail delivers efficient and consistent results and promotes superior performance on the golf course.

**Nutrient Management**

Prevail is designed to optimize nutrient availability and consumption and maximize turf health. Poor nutrient availability and uptake may result in root loss, slow growth and inadequate color quality. Too many nutrients, specifically nitrogen, may lead to reduced root growth, poor tolerance of environmental stress and increased susceptibility to some diseases.

Prevail offers a combination of quick and slow release applications to ensure nutrients are released when needed. Improved coverage, coupled with our advanced technologies, Prevail fertilizers deliver enhanced nutrient intake for greater root development, superior color response and less fertilizer wasted to the environment.

*Regain® is a stabilized nitrogen additive* which prevents the loss of applied nitrogen into the air and soil by controlling the enzyme (urease) that causes ammonia volatilization. More nitrogen remains in the ammonium form – making it more readily available to plants – while protecting your nitrogen investment.

*Duration CR® controlled-release fertilizer* provides a protective coating with a conventional water soluble fertilizer. The polymer coating controls water penetration and the rate of nutrient dissolution and release through osmosis and diffusion. Predictable, consistent release allows for optimal plant uptake while minimizing nutrient losses to the environment. This “enhanced” efficiency means less total nitrogen and fewer applications may be required, saving time and money.

*NutriLife® is a biochemical fertilizer catalyst* that makes Prevail fertilizer products more efficient by getting more nutrients into the plant and improving plant performance. NutriLife improves the conversion of organic and inorganic fertilizers into plant-available forms.

*Top Cut® is an organic, nutrient-rich, nitrogen fertilizer source* produced from biosolids. The addition of Top Cut replenishes the organic matter that has been depleted over time and also improves soil structure by increasing the soil’s ability to absorb and store moisture. The nutrients are released slowly throughout the growing season, allowing the turf to absorb these nutrients as it grows.

*Crystal Green® is a plant-activated, nutrient technology* that supplies sustainable, plant-available, slow-release phosphorus, plus nitrogen and magnesium, in one balanced compound. It releases nutrients as plants grow instead of dissolving instantly and getting tied up in the soil. Providing sustained, season-long nutrient uptake, Crystal Green lowers application rates and costs, minimizes nutrient loss and builds a denser, stronger root mass.

*DDP®* is an innovative, formulated fertilizer coating designed to improve the efficiency and effectiveness of micronutrient performance. DDP (Dry Dispersible Powder) Micronutrients coat each dry fertilizer pellet, so it is evenly distributed throughout the blend providing better distribution, improved uptake, superior application and effective performance. Available in a blend of iron, manganese and zinc and also in an iron only formula.
**Greens Grade**

Perfect sized granules for golf greens, tees and short-cut fairways.

<table>
<thead>
<tr>
<th>Greens Grade</th>
<th>Item No.</th>
<th>Nitrogen</th>
<th>%CRN*</th>
<th>Top Cut</th>
<th>Crystal Green</th>
<th>NutriLife</th>
<th>Potash Source</th>
<th>Coverage /Bag (sq. ft.)</th>
<th>Lb. per 1,000 sq. ft.</th>
<th>Lb. per acre</th>
<th>Lb. N per 1,000 sq. ft.</th>
<th>Al load per acre</th>
<th>Ca</th>
<th>Fe</th>
<th>Mg</th>
<th>S</th>
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<tbody>
<tr>
<td>21-03-12</td>
<td>2076650</td>
<td>95% Nutralene®</td>
<td>86%</td>
<td>14%</td>
<td>80%</td>
<td>SOP</td>
<td>11,500</td>
<td>4.3</td>
<td>190</td>
<td>1.0</td>
<td>0.49%</td>
<td>0.30%</td>
<td>0.86%</td>
<td>4.30%</td>
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<tr>
<td>20-00-10</td>
<td>2028523</td>
<td>100% ANSR + DDP</td>
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<td>220</td>
<td>1.0</td>
<td>2.39%</td>
<td>0.90%</td>
<td>0.20%</td>
<td>0.20%</td>
<td>0.20%</td>
<td>0.36%</td>
<td>0.62%</td>
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<td>10%</td>
<td>87%</td>
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<td>255</td>
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<td>1.15%</td>
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<tr>
<td>13-02-13</td>
<td>2013248</td>
<td>98% Ammoniacal</td>
<td>2%</td>
<td>6%</td>
<td>87%</td>
<td>SOP</td>
<td>13,000</td>
<td>3.8</td>
<td>170</td>
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<td>0.21%</td>
<td>0.13%</td>
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<td>18.12%</td>
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<tr>
<td>12-10-12</td>
<td>2541600</td>
<td>50% Nutralene</td>
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<td>4.2</td>
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<td>1.20%</td>
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<td>SOP</td>
<td>12,000</td>
<td>4.2</td>
<td>180</td>
<td>0.5</td>
<td>1.20%</td>
<td>0.78%</td>
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<td>365</td>
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<td>1.57%</td>
<td>1.57%</td>
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<td>04-04-00</td>
<td>2067350</td>
<td>100% Organic</td>
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<td>SOP</td>
<td>4,000</td>
<td>12.5</td>
<td>545</td>
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<td>2.00%</td>
<td>2.00%</td>
<td>1.40%</td>
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</tr>
</tbody>
</table>

*Protected nitrogen derived from WIN, SAWSN, Poly-Sulfur Coated Urea, and/or Stabilized Nitrogen.*

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**Fairway Grade**

Ideal for golf fairways, athletic fields and other short-cut turf areas.

<table>
<thead>
<tr>
<th>Fairway Grade</th>
<th>Item No.</th>
<th>Nitrogen</th>
<th>%CRN*</th>
<th>Top Cut</th>
<th>Crystal Green</th>
<th>NutriLife</th>
<th>Potash Source</th>
<th>Coverage /Bag (sq. ft.)</th>
<th>Lb. per 1,000 sq. ft.</th>
<th>Lb. per acre</th>
<th>Lb. N per 1,000 sq. ft.</th>
<th>Al load per acre</th>
<th>Ca</th>
<th>Fe</th>
<th>Mg</th>
<th>S</th>
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<td>22-03-06</td>
<td>2054710</td>
<td>92% Regain</td>
<td>99%</td>
<td>44%</td>
<td>52%</td>
<td>yes SOP</td>
<td>11,000</td>
<td>4.5</td>
<td>200</td>
<td>1.0</td>
<td>1.16%</td>
<td>0.72%</td>
<td>0.55%</td>
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<td>22-01-05</td>
<td>2037140</td>
<td>98% Regain</td>
<td>99%</td>
<td>35%</td>
<td>52%</td>
<td>yes SOP</td>
<td>11,000</td>
<td>4.5</td>
<td>200</td>
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<td>88%</td>
<td>22%</td>
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<td>20-03-10</td>
<td>2076420</td>
<td>50% Nutralene, 44% Regain</td>
<td>91%</td>
<td>16%</td>
<td>78%</td>
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<td>0.63%</td>
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<tr>
<td>17-02-17</td>
<td>2019500</td>
<td>65% Duration 90, 28% Regain</td>
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<td>25%</td>
<td>50%</td>
<td>SOP</td>
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<td>5.9</td>
<td>255</td>
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<td>0.50%</td>
<td>0.50%</td>
<td>0.50%</td>
<td>3.63%</td>
<td>6.13%</td>
</tr>
<tr>
<td>15-03-06</td>
<td>2016050</td>
<td>84% Regain</td>
<td>97%</td>
<td>56%</td>
<td>25%</td>
<td>SOP</td>
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<td>205</td>
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<td>10-15-05</td>
<td>2008280</td>
<td>100% Ammoniacal</td>
<td>0%</td>
<td>67%</td>
<td>yes SOP</td>
<td>10,000</td>
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<td>220</td>
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<td>1.00%</td>
<td>0.63%</td>
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<tr>
<td>04-04-00</td>
<td>2067350</td>
<td>100% Organic</td>
<td>90%</td>
<td>100%</td>
<td>SOP</td>
<td>4,000</td>
<td>12.5</td>
<td>545</td>
<td>0.5</td>
<td>3.20%</td>
<td>2.00%</td>
<td>2.00%</td>
<td>2.00%</td>
<td>1.40%</td>
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<tr>
<td>15-03-05 + .125 Dimension</td>
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<tr>
<td>15-03-05 + .2 Mallet</td>
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<td>97%</td>
<td>56%</td>
<td>25%</td>
<td>SOP</td>
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<td>.30</td>
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<tr>
<td>15-03-05 + .069 Bifenthrin</td>
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<td>97%</td>
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<td>32%</td>
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<td>145</td>
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<td>1.02%</td>
<td>0.34%</td>
<td>2.42%</td>
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</tbody>
</table>

Golf Course Grade

Your golf fertilizer should produce a championship level turf with a smooth surface, lush green colors and the visual appeal professionals desire. Prevail produces superior results with the low salt ingredients in Greens Grade micro-sized granules and Fairway Grade mini-sized fertilizers. Each granule is uniformly sized for even application that will quickly settle beneath the turf canopy with minimal effect on ball roll or mower pick-up. Fast greens, sustainable development and environmental protection are important for all golf superintendents – Prevail helps you accomplish those goals.
Why Choose Spring Valley?

- We partner with professional turf and golf distributors across North America to bring unique technologies to the end users in those markets.

- Spring Valley collaborates with key supply partners to uncover new technologies to create value for our customers.

- Spring Valley generously supports university research to validate the efficacy of our products for use in turf applications.

- We have three production and distribution facilities providing coverage from the central U.S. to the Atlantic coast.

- Spring Valley’s dedicated sales, customer service and marketing teams provide the expertise and responsiveness you need to manage your business.