AgSil® Potassium Silicate: Soluble Silicate for Agriculture

AgSil® potassium silicate offers growers these performance benefits in many agricultural applications:

- Provides resistance to mineral stress.
- Decreases climate stress.
- Improves strength.
- Increases growth and yield.

AgSil® potassium silicate helps plants to resist toxicity from phosphorous, manganese, aluminum, and iron, and increases tolerance to salt. AgSil® potassium silicate also aids in resistance to drought by reducing water loss, and in some cases it may increase growth and yield.

Application of AgSil® potassium silicate improves leaf erectness, reduces susceptibility to lodging in grasses, and improves photosynthesis efficiency. For turf this can result in faster, healthier greens and athletic fields. Row crops, vine crops, ornamentals, and hydroponically grown plants can all benefit from potassium silicate supplementation.

<table>
<thead>
<tr>
<th>Product</th>
<th>%K₂O</th>
<th>%SiO₂</th>
<th>%H₂O</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AgSil 21</td>
<td>12.7</td>
<td>26.5</td>
<td>60.9</td>
<td>liquid, pH 11.7</td>
</tr>
<tr>
<td>AgSil 25</td>
<td>8.3</td>
<td>20.8</td>
<td>70.9</td>
<td>liquid, pH 11.3</td>
</tr>
<tr>
<td>AgSil 16H</td>
<td>32.4</td>
<td>52.8</td>
<td>14.8</td>
<td>hydrous powder</td>
</tr>
</tbody>
</table>

Hydrous AgSil® potassium silicate powders can be used in dry mix applications for land spreading. They may also be dissolved in other formulations (subject to compatibility) where additional water is not desired.

AgSil® is a trademark of PQ Corporation.
REFERENCES


For more information on PQ Corporation and our complete line of agricultural products, visit us at [www.pqcorp.com](http://www.pqcorp.com).

Or contact us at:

**Telephone:** 416-201-4355