**HOW IT WORKS**

**Optimal Dispersion**
MicroSync Granular Micronutrients provide optimal dispersion through our proprietary Nutripaction technology.
- They begin as a blend of fine, powdered raw materials.
- They are then combined and transformed into granular form.
- Once the MicroSync granules are exposed to moisture in the soil, they begin to break back down into fine, evenly sized particles for maximum soil contact and optimal root zone dispersion.

**Enhanced Nutrient Use Efficiency**
As part of our Nutrient Use Efficiency platform, our Verdesian polymer technology delivers a more efficacious and economical granule by:
- Lowering the pH in the microenvironment around the granule, increasing availability.
- Protecting provided micro and secondary nutrients for season-long availability.

**Season-Long Performance**
Formulated using multiple sources, MicroSync provides both immediate and prolonged availability of micronutrients:
- Uses several unique modes of action for the release and availability of desired nutrients.
- Formulated with micronutrients for short, intermediate and long-term release characteristics.

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**MicroSync**
A VERDESIAN NUE™ SOLUTION

Optimized Design and Manufacturing of Microminerals. Microsolving® and MicroSolving Complete are trademarks of MicroSolving, Inc. MicroSolving’s Verdesian Microsolving and Microsolving Complete products are registered trademarks of Verdesian Life Sciences, LLC, and are manufactured according to the patents and trademarks as protected under U.S. patents and trademark laws. For more information, visit www.microsolving.com.
Row and specialty crops often don’t get the sulfur, zinc, manganese or boron they need for optimal performance. MicroSync™ Granular Micronutrients are formulated with Verdesian Polymer Technology to help synergize and increase the availability of both secondary and micronutrients for plant uptake in broad acre and specialty crops.

MicroSync’s proprietary combination of Verdesian Polymer Technology and the NutriRegen® process creates a unique combination of micronutrition that offers improved nutrient availability and performance, ensuring your crops have micronutrients and sulfur on-demand.

Additionally, these low-dust, free-flowing, all-in-one granules are designed to be blended with NPK granular fertilizer programs, making them easy to use and apply.

For more detailed product information, please visit vlsci.com/products/microsync
HOW IT WORKS

Optimal Dispersion

MicroSync Granular Micronutrients granules optimal dispersion through our proprietary Nutripaction technology.
- They begin as a blend of fine, powdered raw materials.
- They are then combined, heated, and extruded into granules.
- Once the MicroSync granules are exposed to moisture in the soil, they begin to break down into finely divided particles for maximum soil contact and optimal root zone absorption.

Enhanced Nutrient Use Efficiency

As part of our Nutrient Use Efficiency platform, our Verdesian polymer technology delivers a more efficacious and economical granule by:
- Lowering the pH in the microenvironment around the granule, increasing availability.
- Protecting provided micro and secondary nutrients for season-long availability.

Season-Long Performance

Formulated using multiple sources, MicroSync provides both immediate and prolonged availability of micronutrients.
- Uses several unique modes of action for the release and availability of desired nutrients.
- Formulated with micronutrients for short, intermediate and long-term release characteristics.

microSync™
A VERDESIAN NUE™ SOLUTION

Micronutrition On-Demand

VLSCI.COM

Verdesian
The Nutrient Use Efficiency People™
OUR FORMULATIONS TAILORED TO YOUR CROPS’ NUTRIENT NEEDS

POLYMER TECHNOLOGY IS IN ALL FORMULATIONS

Row and specialty crops often don’t get the sulfur, zinc, manganese or boron they need for optimal performance. MicroSync™ Granular Micronutrients are formulated with Verdesian Polymer Technology to help synergize and increase the availability of both secondary and micronutrients to plant uptake in broad acre and specialty crops.

Additionally, these low-dust, free-flowing, all-in-one granules are designed to be blended with NPK granular fertilizer programs, making them easy to use and apply.

MicroSync’s proprietary combination of Verdesian Polymer Technology and the Nutriaction® process creates a unique combination of micronutrition that offers improved nutrient availability and performance, ensuring your crops have micronutrients and sulfur on-demand.

For more detailed product information, please visit vlsci.com/products/microsync

GUARANTEED ANALYSIS

APPLICATION RATES (lbs/ac.)

<table>
<thead>
<tr>
<th>MicroSync Basic™</th>
<th>MicroSync Plus™</th>
<th>MicroSync Pro™</th>
<th>MicroSync Ultra™</th>
<th>MicroSync Complete™</th>
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<tr>
<td>B</td>
<td>Ca</td>
<td>Cu</td>
<td>Fe</td>
<td>Mn</td>
</tr>
<tr>
<td>1.25%</td>
<td>6.0%</td>
<td>10.0%</td>
<td>15.0%</td>
<td>20-30</td>
</tr>
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<td>5.0%</td>
<td>9.5%</td>
<td>15-25</td>
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<td>4.0%</td>
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<td>25-40</td>
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<tr>
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<td>5.0%</td>
<td>1.25%</td>
<td>3.5%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

*Applies to all 5 products: To correct deficiencies, consult your local agricultural extension professional or professional consultant. This product is for soil application only.
Our formulations tailored to your crops’ nutrient needs

Polymer technology is in all formulations

**MicroSync Basic™** and **MicroSync Plus™** are both intended to be mixed or blended with other fertilizer materials. These products are recommended for the correction of multiple deficiencies on any agricultural or horticultural crop where a nutrient deficiency may exist (as determined by tissue analysis and soil testing).

**MicroSync Pro™** and **MicroSync Ultra™** are both intended to be mixed or blended with other fertilizer materials. These products are recommended for the correction of multiple deficiencies on any agricultural or horticultural crop where a nutrient deficiency may exist (as determined by tissue analysis and soil testing).

**MicroSync Complete™** is intended to be mixed or blended with other fertilizer materials. This product is recommended for correction of multiple deficiencies on any agricultural or horticultural crop where a nutrient deficiency may exist (as determined by tissue analysis and soil testing).

For more detailed product information, please visit vlsci.com/products/microsync
H OW IT WORKS

MicroSync Granular Micronutrients provide optimal dispersion through our proprietary Nutripaction technology.

- They begin as a blend of fine, powdered raw materials.
- They are then combined into a homogenized compound granule.
- Once the MicroSync granules are exposed to moisture in the soil, they begin to break back down into finely divided particles for maximum soil contact and optimal root zone dispersion.

Optimal Dispersion

As part of our Nutrient Use Efficiency platform, our Verdesian polymer technology delivers a more efficacious and economical granule by:

- Lowering the pH in the microenvironment around the granule, increasing availability.
- Protecting provided micro and secondary nutrients for season-long availability.

Enhanced Nutrient Use Efficiency

Formulated using multiple sources, MicroSync provides both immediate and prolonged availability of essential nutrients.

- Uses several unique modes of action for the release and availability of desired nutrients.
- Formulated with micronutrients for short, intermediate and long-term release characteristics.

Season-Long Performance

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