

HOW IT WORKS



Optimal Dispersion

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

- Micronutrients 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 interception.



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.

- MicroSync uses several unique modes of action for the release and availability of desired nutrients.
- It is formulated with micronutrients for immediate, intermediate and long-term release characteristics.

microSync[™]
A VERDESIAN NUE SOLUTION[™]



microSync[™]
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Important: Always read and follow label use directions.
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VERDESIAN
THE NUTRIENT USE
EFFICIENCY PEOPLE[™]

Micronutrition On-Demand

microSync[™]
A VERDESIAN NUE SOLUTION[™]

POWERFUL MICRONUTRITION

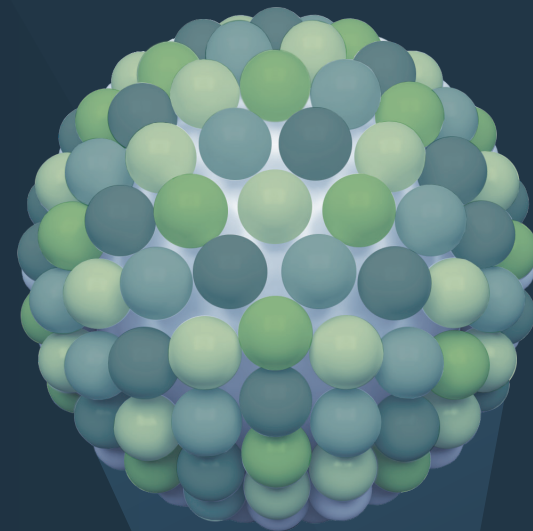
Row and specialty crops often don't get the sulfur, zinc, manganese or boron they need for optimal performance. MicroSync™ Granular Micronutrients are formulated with Verdesian Polymer Technology to help synergize and increase the availability of both secondary and micronutrients for plant uptake in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

MicroSync's proprietary combination of Verdesian Polymer Technology and the Nutripaction® 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.

microSync™
A VERDESIAN NUE SOLUTION™

One easy-to-apply package



OUR FORMULATIONS TAILORED TO YOUR CROPS' NUTRIENT NEEDS



POLYMER TECHNOLOGY IS IN ALL FORMULATIONS

MicroSync Plus™ is recommended for the correction of zinc deficiencies on any agricultural or horticultural crop where these nutrient deficiencies may exist.*

microSyncPLUS™
A VERDESIAN NUE SOLUTION™

MicroSync Pro™ is recommended for the correction of multiple nutrient deficiencies including zinc and manganese on any agricultural or horticultural crop where these nutrient deficiencies may exist.*

microSyncPRO™
A VERDESIAN NUE SOLUTION™

MicroSync Ultra™ takes MicroSync Pro to the next level by including humic acids which are important chelating agents, combining minerals into organic compounds that are more available to plants.*

microSyncULTRA™
A VERDESIAN NUE SOLUTION™

MicroSync Complete™ is recommended for the correction of multiple nutrient deficiencies including zinc, manganese, copper and/or iron on any agricultural or horticultural crop where these nutrient deficiencies may exist.*

microSyncCOMPLETE™
A VERDESIAN NUE SOLUTION™

MicroSync Southern Crop Mix™ boosts soil fertility programs by providing a superior balance of nutrients precisely formulated to prevent or correct micronutrient deficiencies.*

microSyncSOUTHERN CROP MIX™
A VERDESIAN NUE SOLUTION™

MicroSync Zinc™ aids in boosting soil fertility programs by providing a superior combination of sources precisely formulated to prevent or correct zinc deficiencies.*

microSyncZINC™
A VERDESIAN NUE SOLUTION™

MicroSync Manganese™ aids in boosting soil fertility programs by providing a superior combination of sources precisely formulated to prevent or correct manganese deficiencies.*

microSyncMANGANESE™
A VERDESIAN NUE SOLUTION™

MicroSync Copper™ aids in boosting soil fertility programs by providing a superior combination of sources precisely formulated to prevent or correct copper deficiencies.*

microSyncCOPPER™
A VERDESIAN NUE SOLUTION™

MicroSync IronClad IDC™ is for use in broad acre crops grown in high alkalinity soils to improve availability of iron and zinc in field crops in order to help plants overcome Iron Deficiency Chlorosis (IDC).*

microSyncIRONCLAD IDC™
A VERDESIAN NUE SOLUTION™

*MicroSync is intended to be mixed or blended with other fertilizer materials as determined by tissue analysis & soil testing. To correct deficiencies, consult your local agricultural extension professional or professional consultant. This product is for soil application only.

GUARANTEED ANALYSIS							APPLICATION RATES lbs/ac.		
B	Ca	Cu	Fe	Mn	S	Zn	Deficiencies		
Boron	Calcium	Copper	Iron	Manganese	Sulfur	Zinc	Mild	Moderate	Severe
1.25%	6.00%				10.00%	7.50%	5-15	15-25	25-40
1.25%	5.00%			5.00%	9.50%	7.50%	5-15	15-25	25-40
1.00%	5.00%			4.00%	7.50%	5.00%	5-15	20-30	35-50
1.25%	5.00%	1.25%	3.50%	5.00%	10.00%	5.00%	5-15	15-25	25-40
1.30%	5.50%	1.30%		6.00%	8.00%	3.00%	10-15	15-25	25-40
					12.00%	10.00%	5	10	15
				8.00%	7.00%		5	10	15
		5.00%			5.00%		5	10	15
			2.50% 1.55% chelated		4.00%	1.00% 0.50% chelated	5	10	15

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