

2026 Product Guide

Biostimulants and Related Products





A global leader in biostimulants and related product solutions, consistently delivering cutting-edge innovation to optimize the potential of every acre.



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For a complete lineup of Valent BioSciences' biostimulants and related products, please visit valentbiosciences.com/biostimulants.

About the Featured Photography

Select images featured throughout this year's Product Guide were photographed on farms across the U.S. by Valent BioSciences' team members, Brittney Madison and Alison Leon-Rossi.

WHY VALENT BIOSCIENCES

Our science-driven legacy of leadership and innovation is rooted in research, development, and proven results. As growers strive to sustainably optimize the efficiency of their operations, biostimulants are a vital tool to help maximize crop potential and increase ROI.



Bold claims are easy, but we're dedicated to proving our products deliver as promised.

60 YEARS OF AGRICULTURE EXPERTISE

For more than 60 years, Valent BioSciences has been driving innovation and adoption of biological crop inputs around the world. We prioritize continuous innovation and we're proud of our legacy of excellence in research and development. Every single day, we're driven by our desire to solve challenges faced by growers, helping them profitably sustain their farming operations.

Our reach is global. We're backed by the powerhouse, Sumitomo Chemical Co., Ltd., and fueled by our biorational research network, through which we collaborate with scientists and experts at the top of their fields around the world. And then we bring that science home to drive ROI on U.S. farms.



800+

Research Trials Annually
to Test and Demonstrate
Product Performance



125+

Patents Issued in the
U.S. Since 2000



1000+

Product Registrations
in 95+ Countries

BenePhite® Expand						
Product Overview	<p>BenePhite® Expand is a phosphorus product built with Transit® biostimulant. By pairing phosphite, a highly plant-available form of phosphorus, with organic acids and key complementary nutrition, BenePhite Expand delivers a readily available nutritive boost to enhance photosynthetic activity for improved canopy development and fruit quality.</p> <ul style="list-style-type: none"> • Increased Canopy Development • Improved Fruit Quality • Reduced Risk of Phytotoxicity 					
Guaranteed Analysis / Complementary Nutrition	<p>Total Phosphoric Acid (P₂O₅) 19.0% Cobalt (Co) 0.05% Iron (Fe) 0.75% Manganese (Mn) 1.75% Molybdenum (Mo) 0.10% Zinc (Zn) 4.0%</p> <p>Derived from: Phosphorous acid, zinc phosphite, manganese phosphite, iron phosphite, cobalt nitrate, and sodium molybdate.</p>					
Formulations	BenePhite Expand					
Application Information	<table border="1"> <thead> <tr> <th>Use Rate</th> <th>Application Timing</th> </tr> </thead> <tbody> <tr> <td>Foliar: 0.5 – 4 qt/ac</td> <td rowspan="2">Repeat every 2 – 3 weeks</td> </tr> <tr> <td>Soil: 2 – 6 qt/ac</td> </tr> </tbody> </table>	Use Rate	Application Timing	Foliar: 0.5 – 4 qt/ac	Repeat every 2 – 3 weeks	Soil: 2 – 6 qt/ac
	Use Rate	Application Timing				
	Foliar: 0.5 – 4 qt/ac	Repeat every 2 – 3 weeks				
Soil: 2 – 6 qt/ac						

BoronBoost®											
Product Overview	<p>BoronBoost® is a boron product built with Transit® biostimulant that supports pollination for improved set and yield. Utilizing organic acids and key nutrition, BoronBoost improves pollen tube development and supports carbohydrate movement from the leaves to the nut or kernel for enhanced quality. BoronBoost is also available in our CAN-17 and CN-9 compatible formulation, BorCAN™.</p> <ul style="list-style-type: none"> • Increased Nut or Grain Fill • Improved Quality • Optimized Formulations 										
BoronBoost Foliar	<p>Boron (B) 6.0%</p> <p>Derived from: Boron ethanolamine.</p>										
Guaranteed Analysis / Complementary Nutrition											
BoronBoost Soil	<p>Boron (B) 6.0%</p> <p>Derived from: Boric acid.</p> <p>Also contains non-plant food ingredient: 0.6% humic acids derived from Leonardite.</p>										
Guaranteed Analysis / Complementary Nutrition											
BorCAN Soil	<p>Nitrogen (N) 1.0% Boron (B) 5.0%</p> <p>Derived from: Boron ethanolamine.</p>										
Guaranteed Analysis											
Formulations	BoronBoost Foliar, BoronBoost Soil, BorCAN Soil										
Application Information	<table border="1"> <thead> <tr> <th>Product</th> <th>Use Rate</th> <th>Application Timing</th> </tr> </thead> <tbody> <tr> <td>BoronBoost Foliar</td> <td>0.5 – 3 qt/ac</td> <td rowspan="3">Any time during the growing season; repeat as needed.</td> </tr> <tr> <td>BoronBoost Soil</td> <td>1 – 6 qt/ac</td> </tr> <tr> <td>BorCAN Soil</td> <td>1 – 6 qt/ac</td> </tr> </tbody> </table>	Product	Use Rate	Application Timing	BoronBoost Foliar	0.5 – 3 qt/ac	Any time during the growing season; repeat as needed.	BoronBoost Soil	1 – 6 qt/ac	BorCAN Soil	1 – 6 qt/ac
	Product	Use Rate	Application Timing								
	BoronBoost Foliar	0.5 – 3 qt/ac	Any time during the growing season; repeat as needed.								
	BoronBoost Soil	1 – 6 qt/ac									
BorCAN Soil	1 – 6 qt/ac										



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BounceBack®		
Product Overview	BounceBack® is a calcium and nitrogen product built with Transit® biostimulant and plant extracts designed for high nutrient mobility and uptake within the plant. With organic acids from our Transit biostimulant and key nutrients, BounceBack provides rapid relief for crops under photosynthetic and respiration stress and supports better crop quality. <ul style="list-style-type: none"> • Improved Crop Quality • Heat Stress Mitigation 	
Guaranteed Analysis / Complementary Nutrition	Total Nitrogen (N) 4.0% Calcium (Ca) 8.0% Derived from: Calcium gluconate and calcium nitrate.	
Formulations	BounceBack Foliar	
Application Information	Use Rate	Application Timing
	1 – 6 qt/ac	Any time during the growing season; repeat as needed.

Calron®		
Product Overview	Calron® is a calcium product built with Transit® biostimulant designed for improved plant uptake and nutrient mobility within the xylem and phloem. With organic acids and complementary nutrition, Calron provides readily available calcium to support bud growth and enhanced fruit quality. <ul style="list-style-type: none"> • Bud Development • Improved Fruit Firmness 	
Guaranteed Analysis / Complementary Nutrition	Nitrogen (N) 3.0% Calcium (Ca) 8.0% Derived from: Calcium gluconate and calcium nitrate.	
Formulations	Calron Soil	
Application Information	Use Rate	Application Timing
	1 – 8 qt/ac	Any time during the growing season; repeat as needed.



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CellMate® Foliar Plus Mo		
Product Overview	CellMate® Foliar Plus Mo is a calcium product built with Transit® biostimulant for high nutrient mobility and uptake within the plant. With organic acids from our Transit biostimulant plus molybdenum and boron, CellMate provides critical nutrition to support pollination and cell wall integrity for increased fruit quality. <ul style="list-style-type: none"> • Improved Pollination • Enhanced Fruit Quality 	
Guaranteed Analysis / Complementary Nutrition	Nitrogen (N) 3.0% Calcium (Ca) 8.0% Boron (B) 0.5% Molybdenum (Mo) 0.2% Derived from: Calcium gluconate, calcium nitrate, boric acid, and sodium molybdate.	
Formulations	CellMate Foliar Plus Mo	
Application Information	Use Rate	Application Timing
	1 – 4 qt/ac	Any time during the growing season; repeat as needed.

ChloroDrive®		
Product Overview	ChloroDrive® is a nutrient product built with Transit® biostimulant. Utilizing organic acids and key complementary nutrition, ChloroDrive improves photosynthetic efficiency and facilitates superior translocation of sugars in the plant, resulting in better fruit quality. <ul style="list-style-type: none"> • Improved Photosynthesis • Increased TSS Content 	
Guaranteed Analysis / Complementary Nutrition	Total Magnesium (Mg) 2.0% Sulfur (S) 4.0% Manganese (Mn) 2.0% Zinc (Zn) 2.0% Derived from: Magnesium sulfate, manganese sulfate, and zinc sulfate.	
Formulations	ChloroDrive Foliar	
Application Information	Use Rate	Application Timing
	1 – 6 qt/ac	Any time during the growing season; repeat as needed.



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Copron®			
Product Overview	Copron® is a copper product that supports pollination. With organic acids from our Transit® biostimulant, Copron employs Transit-chelated copper to drive superior transport of copper nutrition in the xylem and phloem. <ul style="list-style-type: none"> • Improved Pollination • Optimized Formulations 		
Guaranteed Analysis / Complementary Nutrition	Sulfur (S) 2.5% Copper (Cu) 5.0% Derived from: Copper sulfate.		
Formulations	Copron Foliar, Copron Soil		
Application Information	Product	Use Rate	Application Timing
	Copron Foliar	0.5 – 1.5 qt/ac	Any time during the growing season; repeat as needed.
	Copron Soil	1 – 4 qt/ac	

DriveKP		
Product Overview	DriveKP is a dipotassium phosphate (DKP) product built with Transit® biostimulant and plant extracts, designed for high nutrient mobility and uptake within the plant. With organic acids from our Transit biostimulant and key nutrients, DriveKP supports improved crop quality. <ul style="list-style-type: none"> • Improved Crop Quality • Increased Nut Size and Berry Brix 	
Guaranteed Analysis / Complementary Nutrition	Available Phosphate (P ₂ O ₅) 19.0% Soluble Potash (K ₂ O) 26.0% Molybdenum (Mo) 0.05% Derived from: Dipotassium phosphate and sodium molybdate.	
Formulations	DriveKP	
Application Information	Use Rate	Application Timing
	Foliar: 1 – 6 qt/ac	Any time during the growing season; repeat as needed.
	Soil: 1 – 8 qt/ac	



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FlexForce®					
Product Overview	<p>FlexForce® is a nutrient product built with Transit® biostimulant, utilizing organic acids and key complementary nutrition to increase leaf area and optimize photosynthetic pathways to capitalize on the additional growth.</p> <ul style="list-style-type: none"> • Greater Leaf Area • Increased Photosynthesis • More Nutrient Storage 				
Guaranteed Analysis / Complementary Nutrition	<p>Total Nitrogen (N) 1.0%</p> <p>Sulfur (S) 3.0%</p> <p>Iron (Fe) 2.0%</p> <p>Manganese (Mn) 1.0%</p> <p>Zinc (Zn) 3.0%</p> <p>Derived from: Urea, ferrous sulfate, manganese sulfate, and zinc sulfate.</p>				
Formulations	FlexForce Foliar				
Application Information	<table border="1"> <thead> <tr> <th>Use Rate</th> <th>Application Timing</th> </tr> </thead> <tbody> <tr> <td>1 – 4 qt/ac</td> <td>Any time during the growing season; repeat as needed.</td> </tr> </tbody> </table>	Use Rate	Application Timing	1 – 4 qt/ac	Any time during the growing season; repeat as needed.
	Use Rate	Application Timing			
1 – 4 qt/ac	Any time during the growing season; repeat as needed.				

GrainStar™									
Product Overview	<p>GrainStar™ is a first of its kind plant growth regulator for use in wheat and barley. It simultaneously mitigates late season drought stress and drives grain-fill for greater ROI.</p> <ul style="list-style-type: none"> • Drives Grain-Fill for Greater ROI • Mitigates Late Season Drought Stress 								
Ingredient Statement	<p>Active Ingredient: S-Abscisic Acid 8.6% w/w</p> <p>Other Ingredients 91.4% w/w</p> <p>TOTAL 100.0% w/w</p> <p>Contains a total of 8.6 g of S-Abscisic Acid in 100 g of product.</p>								
Formulations	GrainStar								
Application Information	<table border="1"> <thead> <tr> <th>Crop</th> <th>Objective/Benefit</th> <th>Use Rate</th> <th>Application Timing</th> </tr> </thead> <tbody> <tr> <td>Wheat, Barley <i>(Not for use in California)</i></td> <td>Application of GrainStar on wheat and barley results in improved grain fill and increased yield.</td> <td>1 oz/ac</td> <td>Flag Leaf to 50% Heading</td> </tr> </tbody> </table>	Crop	Objective/Benefit	Use Rate	Application Timing	Wheat, Barley <i>(Not for use in California)</i>	Application of GrainStar on wheat and barley results in improved grain fill and increased yield.	1 oz/ac	Flag Leaf to 50% Heading
	Crop	Objective/Benefit	Use Rate	Application Timing					
Wheat, Barley <i>(Not for use in California)</i>	Application of GrainStar on wheat and barley results in improved grain fill and increased yield.	1 oz/ac	Flag Leaf to 50% Heading						



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GreenSurge™		
Product Overview	GreenSurge™ is a magnesium product built with our Transit® biostimulant. Utilizing organic acids and key complementary nutrition, GreenSurge improves chlorophyll production for greater photosynthetic efficiency. <ul style="list-style-type: none"> • Improved Chlorophyll Production • Enhanced Photosynthetic Efficiency 	
Guaranteed Analysis / Complementary Nutrition	Magnesium (Mg) 4.0% Sulfur (S) 5.0% Derived from: Magnesium sulfate.	
Formulations	GreenSurge Foliar	
Application Information	Use Rate	Application Timing
	1 – 4 qt/ac	Any time during the growing season; repeat as needed.



Humate Plus™			
Product Overview	Humate Plus™ is a highly concentrated humic acid product that allows for a low use rate. It increases cation exchange capacity (CEC) and increases water and nutrient retention in the rhizosphere for improved plant uptake from the soil. Humate Plus is also available in a formulation suited for organic systems. <ul style="list-style-type: none"> • Improved CEC in the Rhizosphere • Enhanced Nutrient and Water Retention • Optimized Formulations 		
Humate Plus	Soluble Potash (K ₂ O) 5.0%		
Guaranteed Analysis	Derived from: Potassium hydroxide. Also contains non-plant food ingredient: 19% humic acids derived from Leonardite.		
Organic Humate Plus	Soluble Potash (K ₂ O) 4.0%		
Guaranteed Analysis	Derived from: Potassium hydroxide. Also contains non-plant food ingredient: 17% humic acids derived from Leonardite.		
Formulations	Humate Plus, Organic Humate Plus		
Application Information	Product	Use Rate	Application Timing
	Humate Plus	0.5 – 1 qt/ac	Any time during the growing season; repeat as needed.
	Organic Humate Plus	0.5 – 2 qt/ac	

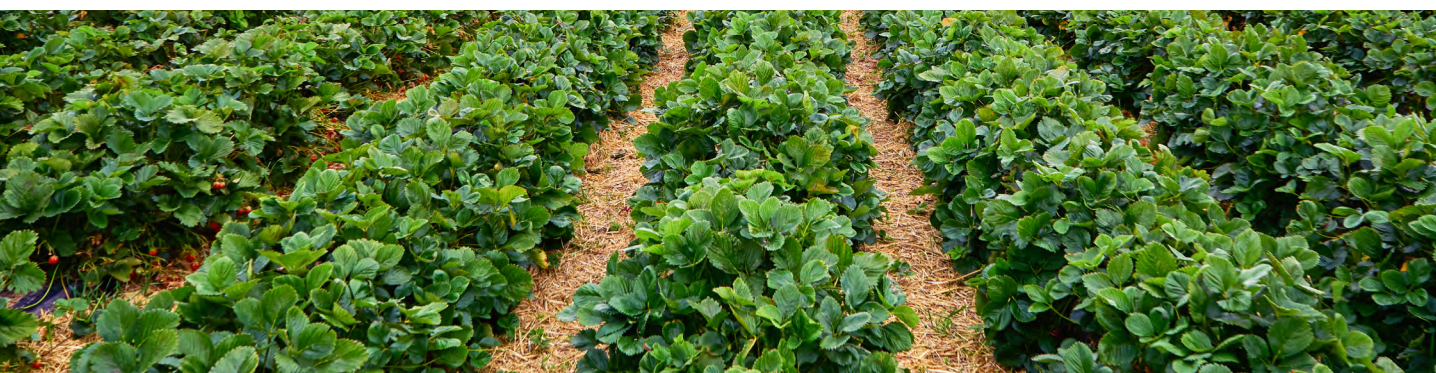


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K-Surge®						
Product Overview	<p>K-Surge® is a potassium acetate product built with Transit® biostimulant, designed for high nutrient mobility and uptake within the plant. With organic acids from our Transit biostimulant and key nutrients, K-Surge supports sugar and water transport in plants for improved fruit development and quality.</p> <ul style="list-style-type: none"> • Better Water Uptake • Increased Brix 					
Guaranteed Analysis / Complementary Nutrition	<p>Soluble Potash (K₂O) 20.0% Boron (B) 0.05% Molybdenum (Mo) 0.03%</p> <p>Derived from: Potassium acetate, boric acid, and sodium molybdate.</p>					
Formulations	K-Surge					
Application Information	<table border="1"> <thead> <tr> <th>Use Rate</th> <th>Application Timing</th> </tr> </thead> <tbody> <tr> <td>Foliar: 1 – 6 qt/ac</td> <td rowspan="2">Any time during the growing season; repeat as needed.</td> </tr> <tr> <td>Soil: 1 – 5 gal/ac</td> </tr> </tbody> </table>	Use Rate	Application Timing	Foliar: 1 – 6 qt/ac	Any time during the growing season; repeat as needed.	Soil: 1 – 5 gal/ac
	Use Rate	Application Timing				
	Foliar: 1 – 6 qt/ac	Any time during the growing season; repeat as needed.				
Soil: 1 – 5 gal/ac						

Manron®									
Product Overview	<p>Manron® is a manganese product that supports photosynthesis. With organic acids from our Transit® biostimulant, Manron employs Transit-chelated manganese to support superior transport in the xylem and phloem.</p> <ul style="list-style-type: none"> • Increased Photosynthetic Efficiency • Optimized Formulations 								
Guaranteed Analysis / Complementary Nutrition	<p>Sulfur (S) 3.0% Manganese (Mn) 5.0%</p> <p>Derived from: Manganese sulfate.</p>								
Formulations	Manron Foliar, Manron Soil								
Application Information	<table border="1"> <thead> <tr> <th>Product</th> <th>Use Rate</th> <th>Application Timing</th> </tr> </thead> <tbody> <tr> <td>Manron Foliar</td> <td>0.5 – 3 qt/ac</td> <td rowspan="2">Any time during the growing season; repeat as needed.</td> </tr> <tr> <td>Manron Soil</td> <td>1 – 4 qt/ac</td> </tr> </tbody> </table>	Product	Use Rate	Application Timing	Manron Foliar	0.5 – 3 qt/ac	Any time during the growing season; repeat as needed.	Manron Soil	1 – 4 qt/ac
	Product	Use Rate	Application Timing						
	Manron Foliar	0.5 – 3 qt/ac	Any time during the growing season; repeat as needed.						
Manron Soil	1 – 4 qt/ac								



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MicroBlend™ Zn-Mn-B					
Product Overview	<p>MicroBlend™ Zn-Mn-B is a foliar biostimulant that supports photosynthesis and successful pollination. With organic acids from our Transit® biostimulant and key complementary nutrition, MicroBlend Zn-Mn-B utilizes Transit-chelated zinc, manganese, and boron to enhance plant functions for improved yields.</p> <ul style="list-style-type: none"> • Improved Photosynthesis • Improved Pollination • Optimized Formulation 				
Guaranteed Analysis / Complementary Nutrition	<p>Sulfur (S) 3.0% Boron (B) 0.5% Manganese (Mn) 3.0% Zinc (Zn) 3.0%</p> <p>Derived from: Boric acid, manganese sulfate, and zinc sulfate.</p>				
Formulations	MicroBlend Foliar Zn-Mn-B				
Application Information	<table border="1"> <thead> <tr> <th>Use Rate</th> <th>Application Timing</th> </tr> </thead> <tbody> <tr> <td>1 – 4 qt/ac</td> <td>Any time during the growing season; repeat as needed.</td> </tr> </tbody> </table>	Use Rate	Application Timing	1 – 4 qt/ac	Any time during the growing season; repeat as needed.
	Use Rate	Application Timing			
1 – 4 qt/ac	Any time during the growing season; repeat as needed.				

MicroBlend™ Zn-Mn-Cu									
Product Overview	<p>MicroBlend™ Zn-Mn-Cu is a zinc, manganese, and copper product built with Transit® biostimulant, designed for high nutrient mobility and uptake within the plant. With organic acids from our Transit biostimulant and key complementary nutrition, MicroBlend Zn-Mn-Cu utilizes Transit-chelated zinc, manganese, and copper to enhance nut fill and fruit enlargement.</p> <ul style="list-style-type: none"> • Enhanced Nut Fill • Fruit Enlargement • Optimized Formulations 								
Guaranteed Analysis / Complementary Nutrition	<p>Sulfur (S) 3.0% Copper (Cu) 1.0% Manganese (Mn) 3.0% Zinc (Zn) 3.0%</p> <p>Derived from: Zinc sulfate, manganese sulfate, and copper sulfate.</p>								
Formulations	MicroBlend Foliar Zn-Mn-Cu, MicroBlend Soil Zn-Mn-Cu								
Application Information	<table border="1"> <thead> <tr> <th>Product</th> <th>Use Rate</th> <th>Application Timing</th> </tr> </thead> <tbody> <tr> <td>MicroBlend Foliar Zn-Mn-Cu</td> <td>1 – 4 qt/ac</td> <td rowspan="2">Any time during the growing season; repeat as needed.</td> </tr> <tr> <td>MicroBlend Soil Zn-Mn-Cu</td> <td>1 – 8 qt/ac</td> </tr> </tbody> </table>	Product	Use Rate	Application Timing	MicroBlend Foliar Zn-Mn-Cu	1 – 4 qt/ac	Any time during the growing season; repeat as needed.	MicroBlend Soil Zn-Mn-Cu	1 – 8 qt/ac
	Product	Use Rate	Application Timing						
	MicroBlend Foliar Zn-Mn-Cu	1 – 4 qt/ac	Any time during the growing season; repeat as needed.						
MicroBlend Soil Zn-Mn-Cu	1 – 8 qt/ac								



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Phosron®			
Product Overview	Phosron® is a phosphate product built with Transit® biostimulant, designed for high nutrient mobility and uptake within the plant to support early vegetative growth. With organic acids from our Transit biostimulant and key complementary nutrition, Phosron maximizes results for early season success. <ul style="list-style-type: none"> • Improved Early Vegetative Growth • Optimized Formulations 		
Phosron Foliar	Nitrogen (N) 7.0% Available Phosphate (P ₂ O ₅) 21.0% Soluble Potash (K ₂ O) 3.0% Molybdenum (Mo) 0.2% Derived from: Ammonium hydroxide, urea, phosphoric acid, potassium hydroxide, and sodium molybdate.		
Guaranteed Analysis / Complementary Nutrition			
Phosron Soil	Nitrogen (N) 7.0% Available Phosphate (P ₂ O ₅) 21.0% Molybdenum (Mo) 0.001% Zinc (Zn) 0.2% Derived from: Ammonium hydroxide, phosphoric acid, ammonium polyphosphate, zinc gluconate, and sodium molybdate.		
Guaranteed Analysis / Complementary Nutrition			
Formulations	Phosron Foliar, Phosron Soil		
Application Information	Product	Use Rate	Application Timing
	Phosron Foliar	2 – 5 qt/ac	Any time during the growing season; repeat as needed.
	Phosron Soil	5 – 20 gal/ac	



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PhotoGreen®			
Product Overview	PhotoGreen® is a nutrient product built with Transit® biostimulant, designed for high nutrient mobility and uptake within the plant. With organic acids from our Transit biostimulant and key nutrients, PhotoGreen improves photosynthetic efficiency and supports chlorophyll formation to maximize effects of canopy development. <ul style="list-style-type: none"> • Improved Photosynthesis • Enhanced Canopy Development • Optimized Formulations 		
Guaranteed Analysis / Complementary Nutrition	Iron (Fe) 5.0% Manganese (Mn) 1.0% Sulfur (S) 3.0% Derived from: Ferrous sulfate and manganese sulfate.		
Formulations	PhotoGreen Foliar, PhotoGreen Soil		
Application Information	Product	Use Rate	Application Timing
	PhotoGreen Foliar	1 – 4 qt/ac	Any time during the growing season; repeat as needed.
	PhotoGreen Soil	1 – 4 qt/ac	



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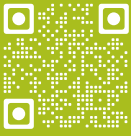
Product Details

PodOn™			
Product Overview	<p>PodOn™ is a dual action biostimulant that supports pod retention in soybeans. By pairing organic acids from our Transit® biostimulant, plant extracts, and key nutrition, PodOn optimizes transpiration and stomatal regulation to support pod retention for increased bean weight and bean count.</p> <ul style="list-style-type: none"> • Optimized Transpiration • Stomatal Regulation • Pod Retention 		
Guaranteed Analysis / Complementary Nutrition	<p>Manganese (Mn) 1.0% Zinc (Zn) 6.0% Derived from: Manganese sulfate and zinc sulfate.</p>		
Formulations	PodOn		
Application Information	Crop	Use Rate	Application Timing
	Soybeans	1 qt/ac	R1 – R3



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Proliant® Plant Growth Regulator			
Product Overview	Designed for livestock operations, Proliant® is a gibberellic acid (GA3) plant growth regulator that provides enhanced early growth in pasture and hay and silage corn in a unique water-soluble formulation. <ul style="list-style-type: none"> Maximizes Silage Corn Tonnage While Retaining Nutrition Quality Stress Tolerance Extends the Grazing Season on Perennial Grasses Enhanced Growth 		
Ingredient Statement	Active Ingredient: Gibberellin A3 40.0% Other Ingredients 60.0% TOTAL 100.0% Contains a total of 1 g of Gibberellic Acid in 2.5 g of product.		
Formulations	Proliant Plant Growth Regulator Water Soluble Granule		
Application Information	Crop & Objective	Use Rate	Application Timing
Scan the code to learn how you can maximize your tonnage with Proliant Plant Growth Regulator! 	Corn: Field, Silage, Popcorn, Sweet Corn, Seed Corn <i>Objective:</i> To increase yield	2 – 6 g a.i. 5 – 15 g product 0.3 – 0.6 oz product	Apply at V2 – V6
	Perennial Forage Grasses <i>Objective:</i> To stimulate dry matter production when cool season conditions limit growth rates	3 – 11 g a.i. 7.5 – 27.5 g product 0.3 – 1.0 oz product	Spring Application: 1 – 3 applications every 3 – 4 weeks starting at green up after 1 – 2 inches of new shoot growth has emerged. Autumn Application: 1 – 3 applications every 3 – 4 weeks starting when forage growth has slowed due to cool temperatures. Best response occurs when average daily temperatures are between 40 °F – 60 °F and adequate moisture and nutrition are present.

Proliant® Plant Growth Regulator			
Application Information (Continued)	Crop & Objective	Use Rate	Application Timing
	Annual Forage Grasses <i>Objective:</i> To stimulate dry matter production when cool season conditions limit growth rates	3 – 11 g a.i. 7.5 – 27.5 g product 0.3 – 1.0 oz product	Apply 1 – 6 applications every 3 – 4 weeks from autumn to early spring during periods of suboptimal growth due to cool temperatures. If applying to over-seeded pasture or newly established pasture, apply only after seedlings are well established. Best response occurs when average daily temperatures are between 40 °F – 60 °F and adequate moisture and nutrition are present.
	Timothy Hay <i>Objective:</i> To stimulate dry matter production when cool season conditions limit growth rates	0.3 – 1.0 oz product	Spring Application: Apply when forage growth is slow due to cool temperatures. After Cutting: Apply 7 – 14 days after cutting to promote growth.
	Cereal Grains <i>Objective:</i> To stimulate dry matter production when cool season conditions limit growth rates	3 – 11 g a.i. 7.5 – 27.5 g product 0.3 – 1.0 oz product	Spring Application: 1 – 3 applications every 3 – 4 weeks starting at green up after 1–2 inches of new shoot growth has emerged. Autumn Application: 1 – 3 applications every 3 – 4 weeks starting when forage growth has slowed due to cool temperatures. Application to cereal grains during stem elongation (jointing onwards) can result in lodging. Apply during early tillering growth stages prior to stem elongation to avoid lodging. Best response occurs when average daily temperatures are between 40 °F – 60 °F and adequate moisture and nutrition are present.
	Winter Brassicas <i>Objective:</i> To stimulate dry matter production when cool season conditions limit growth rates	3 – 11 g a.i. 7.5 – 27.5 g product 0.3 – 1.0 oz product	Spring Application: 1 – 3 applications every 3 – 4 weeks starting at green up after 1 – 2 inches of new shoot growth has emerged. Autumn Application: 1 – 3 applications every 3 – 4 weeks starting when forage growth has slowed due to cool temperatures. Best response occurs when average daily temperatures are between 40 °F – 60 °F and adequate moisture and nutrition are present.

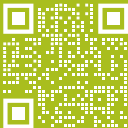
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SugarMax™ Plant Growth Regulator

Product Overview	SugarMax™ Plant Growth Regulator is a novel ripening agent for sugarcane and sugar beets. SugarMax promotes ripening and sugar accumulation in sugarcane and beet roots, resulting in greater sucrose availability, higher cane and beet yield, and increased sugar productivity per acre without damaging regrowth. <ul style="list-style-type: none"> Improved Ripening Greater Sucrose Production Increased Cane Growth in Sugarcane Increased Root Growth in Sugar Beets 		
Ingredient Statement	Active Ingredient: S-Absciscic Acid 20.0% w/w Other Ingredients 80.0% w/w TOTAL 100.0% w/w Contains a total of 20 g of S-absciscic acid in 100 g of product.		
Formulations	SugarMax Plant Growth Regulator Water Soluble Granule		
Application Information	Crop	Objective/Benefit	Application Timing
	Sugarcane <i>(Not for use in California)</i>	Application of SugarMax on sugarcane results in increased sugar yield.	Apply SugarMax 8 – 4 weeks before harvest. Apply 0.5 ounces of SugarMax (5.7 grams of S- ABA) per acre as a spray solution in a sufficient volume to achieve uniform coverage.

Scan the code to learn how you can maximize your tonnage with SugarMax Plant Growth Regulator!



SugarMax™ Plant Growth Regulator

Application Information (Continued)	Crop	Objective/Benefit	Application Timing
	Sugar Beet <i>(Not for use in California)</i>	Application of SugarMax on sugar beet results in increased yield.	Make first application when plant foliage achieves 70% ground cover. A subsequent application can be made when roots have reached harvestable size. Apply 0.85 ounces of SugarMax (4.8 grams of S-ABA) per acre as a spray solution in a sufficient volume to achieve uniform coverage. Up to two (2) applications of SugarMax can be made per season. Multiple applications are expected to improve yield in varieties and under growing conditions for which there is an extended beet formation.



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SuperSede® Corn			
Product Overview	SuperSede® Corn is a seed treatment powered by Transit® biostimulant with complementary corn nutrition that increases germination and supports early root growth for uniformity and establishment. <ul style="list-style-type: none"> • Better Germination • Enhanced Root Growth • Complementary Nutrition 		
Guaranteed Analysis / Complementary Nutrition	Boron (B) 0.5% Manganese (Mn) 0.25% Molybdenum (Mo) 0.0015% Zinc (Zn) 1.5% Derived from: Boric acid, manganese sulfate, sodium molybdate, and zinc sulfate.		
Formulations	SuperSede Corn		
Application Information	Crop	Use Rate	Application Timing
	Corn	1.0 fl oz per 50 lbs	Seed Treatment

SuperSede® Cotton			
Product Overview	SuperSede® Cotton is a seed treatment powered by Transit® biostimulant with complementary cotton nutrition that increases germination and supports early root growth for uniformity and establishment. <ul style="list-style-type: none"> • Better Germination • Enhanced Root Growth • Complementary Nutrition 		
Guaranteed Analysis / Complementary Nutrition	Boron (B) 1.0% Manganese (Mn) 0.25% Zinc (Zn) 0.25% Derived from: Manganese sulfate, zinc sulfate, and boric acid.		
Formulations	SuperSede Cotton		
Application Information	Crop	Use Rate	Application Timing
	Cotton	0.75 fl oz per 100 lbs	Seed Treatment



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SuperSede® Small Grains			
Product Overview	SuperSede® Small Grains is a seed treatment powered by Transit® biostimulant with complementary small grain nutrition that increases germination and supports early root growth for uniformity and establishment. <ul style="list-style-type: none"> Better Germination Enhanced Root Growth Complementary Nutrition 		
Guaranteed Analysis / Complementary Nutrition	Sulfur (S) 1.0% Manganese (Mn) 0.9% Zinc (Zn) 2.25% Derived from: Manganese sulfate and zinc sulfate.		
Formulations	SuperSede Small Grains		
Application Information	Crop	Use Rate	Application Timing
	Small Grains	1.0 fl oz per 50 lbs	Seed Treatment



SuperSede® Soybean			
Product Overview	SuperSede® Soybean is a seed treatment powered by Transit® biostimulant with complementary soybean nutrition that increases germination and supports early root growth for uniformity and establishment. SuperSede Soybean also supports increased nodulation for improved nitrogen fixation. <ul style="list-style-type: none"> Better Germination Enhanced Root Growth and Nodulation Complementary Nutrition 		
Guaranteed Analysis / Complementary Nutrition	Boron (B) 0.2% Cobalt (Co) 0.05% Molybdenum (Mo) 5.0% Zinc (Zn) 0.5% 0.5% Water Soluble Zinc Derived from: Sodium molybdate, cobalt nitrate, boric acid, and zinc sulfate.		
Formulations	SuperSede Soybean		
Application Information	Crop	Use Rate	Application Timing
	Soybeans	1.0 fl oz per 50 lbs	Seed Treatment
	Peanut	1.0 fl oz per 50 lbs	Seed Treatment



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Sweetsei™			
Product Overview	Sweetsei™ improves uniform fruit ripening and sizing. Designed with an organic matrix that integrates the main biochemical intermediaries of key plant pathways for ripening and color, Sweetsei influences fruit maturation for larger, sweeter fruit and more profitable harvests. <ul style="list-style-type: none"> • Improved Fruit Sizing & Uniformity • Advanced Fruit Ripening & Brix • Improved Coloration 		
Guaranteed Analysis / Complementary Nutrition	Total Nitrogen (N) 1.0% Available Phosphoric Acid (P ₂ O ₅) 4.0% Soluble Potash 5.0% Derived from: Soybean protein hydrolysate, potassium hydroxide and phosphoric acid.		
Formulations	Sweetsei		
Application Information	Crop	Use Rate	Application Timing
	Strawberries	32 oz/ac	Apply beginning at fully sized fruit and again 10-14 days later.

Symvado® Granular			
Product Overview	Symvado® Granular is a mycorrhizal inoculant that is pelletized so that it can be placed directly in the hopper box for planting. Symvado Granular is powered by MycoApply® Arbuscular Mycorrhizal Fungi (AMF). Symvado Granular extends the root absorption area by up to 50x for season-long access to nutrients and water. <ul style="list-style-type: none"> • Extended Root Area • Nutrient Absorption • Water Holding Capacity 		
Guaranteed Analysis: Symvado Granular Species of AMF	0.03% Total Active Ingredients <i>Funneliformis mosseae</i> (33.1 propagules/g) <i>Rhizophagus intraradices</i> (33.1 propagules/g) <i>Claroideoglossum etunicatum</i> (33.1 propagules/g) <i>Claroideoglossum claroideum</i> (33.1 propagules/g) 99.97% Total Inert Ingredients (Carrier)		
Formulations	Symvado Granular		
Application Information	Crop	Use Rate	Application Timing
	Alfalfa	2 lbs/ac	Thoroughly mix with alfalfa seed; adjust planting rate to maintain desired seeding population.



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Symvado® Organic	
Product Overview	<p>Symvado® Organic is a dry formulation designed for drip, broadcast, or drench applications in organic production to promote plant, root, and soil health with MycoApply® Arbuscular Mycorrhizal Fungi (AMF) by improving nutrient uptake and efficiency, optimizing fertilizer availability, and increasing water acquisition and retention for improved performance and higher ROI.</p> <ul style="list-style-type: none"> • Extended Root Area • Nutrient Absorption • Water Holding Capacity
Guaranteed Analysis: Symvado Organic Species of AMF	<p>6.6% Total Active Ingredients <i>Glomus intraradices</i> (5,625 propagules/g) <i>Glomus mosseae</i> (5,625 propagules/g) <i>Glomus aggregatum</i> (5,625 propagules/g) <i>Glomus etunicatum</i> (5,625 propagules/g) 93.4% Total Inert Ingredients (Carrier)</p>
Formulations	Symvado Organic
Application Information	<p>Use Rate and Application Timing</p> <p>Varies by application method. See label for details or contact your crop advisor or Valent BioSciences for additional information.</p>

Symvado® SC			
Product Overview	<p>Symvado® SC is a mycorrhizal inoculant liquid formulation powered by MycoApply® Arbuscular Mycorrhizal Fungi (AMF). Symvado SC is specifically formulated for in-furrow or 2x2 applications. Symvado SC extends the root absorption area by up to 50x for season-long access to nutrients and water.</p> <ul style="list-style-type: none"> • Extended Root Area • Nutrient Absorption • Water Holding Capacity 		
Guaranteed Analysis: Symvado SC Species of AMF	<p>0.25% Total Active Ingredients <i>Glomus intraradices</i> (381 propagules/ml) <i>Glomus mosseae</i> (381 propagules/ml) <i>Glomus aggregatum</i> (381 propagules/ml) <i>Glomus etunicatum</i> (381 propagules/ml) 99.75% Total Inert Ingredients (Carrier)</p>		
Formulations	Symvado SC		
Application Information	Crop	Use Rate	Application Timing
	Corn	2 fl oz/ac	In-Furrow, 2 x 2
	Cotton	2 fl oz/ac	In-Furrow, 2 x 2
	Peanut	2 fl oz/ac	In-Furrow, 2 x 2
	Strawberries	3 fl oz/ac	Transplant
	Sugarcane	2 fl oz/ac	In-Furrow, 2 x 2



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Symvado® ST			
Product Overview	Symvado® ST is a mycorrhizal inoculant seed treatment powered by MycoApply® Arbuscular Mycorrhizal Fungi (AMF). Symvado ST enhances the root absorption area, resulting in increased nutrient and water uptake and efficiency. It also positively impacts the soil environment for improved soil structure. <ul style="list-style-type: none"> • Extended Root Area • Nutrient Absorption • Water Holding Capacity 		
Guaranteed Analysis: Symvado ST Species of AMF	8.73% Total Active Ingredients <i>Glomus intraradices</i> (5,625 propagules/ml) <i>Glomus mosseae</i> (5,625 propagules/ml) <i>Glomus aggregatum</i> (5,625 propagules/ml) <i>Glomus etunicatum</i> (5,625 propagules/ml) 91.27% Total Inert Ingredients (Carrier)		
Formulations	Symvado ST		
Application Information	Crop	Use Rate	Application Timing
	Soybeans	0.13 fl oz per 50 lbs	Seed Treatment
	Rice (Hybrid)	0.33 fl oz per 50 lbs	Seed Treatment
	Rice (Conventional)	0.10 fl oz per 50 lbs	Seed Treatment

Symvado® Ultrafine			
Product Overview	Symvado® Ultrafine is a fine powder for use as a seed coating in conventional or organic production that enhances plant, root, and soil health with MycoApply® Arbuscular Mycorrhizal Fungi (AMF) by improving nutrient uptake and efficiency, optimizing fertilizer availability, and increasing water acquisition and retention for improved performance and higher ROI. <ul style="list-style-type: none"> • Extended Root Area • Nutrient Absorption • Water Holding Capacity 		
Guaranteed Analysis: Symvado Ultrafine Species of AMF	0.09% Total Active Ingredients <i>Funneliformis mosseae</i> (71.7 propagules/g) <i>Rhizophagus intraradices</i> (71.7 propagules/g) <i>Claroideoglomus etunicatum</i> (71.7 propagules/g) <i>Claroideoglomus claroideum</i> (71.7 propagules/g) 99.91% Total Inert Ingredients (Clay as carrier)		
Formulations	Symvado Ultrafine		
Application Information	Use Rate	Application Method	Application Timing
	Varies by application method. See label for details or contact your crop advisor or Valent BioSciences for additional information.	Seed Coat	Continuously add to hopper box while filling with seed to achieve a uniform distribution.
		Broadcast	Apply before planting and incorporate into the soil.



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Symvado® WSP			
Product Overview	Symvado® WSP is a mycorrhizal inoculant packaged in a water-soluble pod that can be placed directly in the planting hole for tree and vine establishment. Symvado WSP is powered by MycoApply® Arbuscular Mycorrhizal Fungi (AMF). Symvado WSP extends the root absorption area by up to 50x for season-long access to nutrients and water. <ul style="list-style-type: none"> • Extended Root Area • Nutrient Absorption • Water Holding Capacity 		
Guaranteed Analysis: Symvado WSP Species of AMF	0.03% Total Active Ingredients <i>Funnelformis mosseae</i> (33 propagules/g) <i>Rhizophagus intraradices</i> (33 propagules/g) <i>Claroideoglossum etunicatum</i> (33 propagules/g) <i>Claroideoglossum claroideum</i> (33 propagules/g) 99.97% Total Inert Ingredients (Clay as carrier)		
Formulations	Symvado WSP		
Application Information	Crop	Use Rate	Application Timing
	Nut Trees	1 pod per planting hole	Planting
	Citrus	1 pod per planting hole	Planting
	Grapes	1 pod per planting hole	Planting
	Pome Fruit	1 pod per planting hole	Planting
	Stone Fruit	1 pod per planting hole	Planting

Transit®			
Product Overview	Transit® is a biostimulant that utilizes organic acids to support plant growth and nutrient translocation in the xylem and phloem. Whether soil or foliar applied, once Transit is in the plant, it improves nutrient mobility. Transit is also available in a formulation suited for organic systems. <p>Increased nutrient use efficiency leads to:</p> <ul style="list-style-type: none"> • Increased Photosynthesis • Improved Nutrient Mobility • Optimized Formulations 		
Transit Soil & Transit Foliar	Zinc (Zn) 0.5 Derived from: Zinc EDTA.		
Guaranteed Analysis			
Organic Transit Soil	Sulfur (S) 2.0% Zinc (Zn) 5.0%		
Guaranteed Analysis	Derived from: Zinc sulfate, complexed with lignosulfonate.		
Formulations	Transit Soil, Transit Foliar, Organic Transit Soil		
Application Information	Product	Use Rate	Application Timing
	Transit Soil	8 – 14 fl oz/ac	Any time during the growing season; repeat as needed.
	Transit Foliar	6 – 15 fl oz/ac	
	Organic Transit Soil	8 – 16 fl oz/ac	



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Product Details

Zicron®

Product Overview Zicron® is a zinc, manganese, and sulfur product built with Transit® biostimulant, designed for high nutrient mobility and uptake within the plant. With organic acids from our Transit biostimulant and key nutrition, Zicron supports improved fruit and nut development, fruit and nut set, and post-harvest root flush. There are also Zicron formulations suited for organic systems and CAN-17 and CN-9 compatibility.

- Improved Photosynthesis
- Enhanced Rooting
- Optimized Formulations

Zicron Foliar and Zicron Soil Guaranteed Analysis / Complementary Nutrition	Organic Zicron Guaranteed Analysis / Complementary Nutrition
Sulfur (S) 3.0%	Sulfur (S) 3.0%
Manganese (Mn) 1.0%	Manganese (Mn) 1.0%
Zinc (Zn) 6.0%	Zinc (Zn) 6.0%
Derived from: Manganese sulfate and zinc sulfate.	Derived from: Manganese sulfate complexed with gluconic acids, zinc sulfate complexed with gluconic acids and lignosulfonate.

ZiCAN Soil Guaranteed Analysis / Complementary Nutrition	Formulations
Nitrogen (N) 2.0%	<ul style="list-style-type: none"> • Zicron Foliar • Zicron Soil • Organic Zicron • ZiCAN Soil
Manganese (Mn) 1.0%	
Zinc (Zn) 6.0%	
Derived from: Ammonium nitrate, nitric acid, zinc gluconate, and manganese gluconate.	

Application Information	Product	Use Rate	Application Timing
	Zicron Foliar	0.5 – 3 qt/ac	Any time during the growing season; repeat as needed.
	Zicron Soil	1 – 8 qt/ac	
	Organic Zicron	Soil: 1 – 8 qt/ac, Foliar: 1 – 3 qt/ac	
	ZiCAN Soil	1 – 8 qt/ac	

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COMPATIBILITY CHART



FOLIAR APPLIED BIONUTRITION PRODUCTS

Rates Per Acre	BenePhite® Expand 4 qts	BoronBoost® Foliar 3 qts	BounceBack® Foliar 4 qts	CellMate® Foliar Plus Mo 4 qts	ChloroDrive® Foliar 4 qts	Copron® Foliar 3 qts	DriveKP 2 qts	FlexForce® Foliar 4 qts	GreenSurge® Foliar 4 qts	K-Surge® Foliar 4 qts	Manron® Foliar 4 qts	MicroBlend® Zn-Mn-B 4 qts	MicroBlend® Zn-Mn-Cu 4 qts	Phosron® Foliar 4 qts	PhotoGreen® Foliar 4 qts	Transit® Foliar 1.5 oz	Zicron® Foliar 4 qts
BenePhite Expand 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BoronBoost Foliar 3 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BounceBack Foliar 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
CellMate Foliar Plus Mo 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ChloroDrive Foliar 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Copron Foliar 3 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
DriveKP 2 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
FlexForce Foliar 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
GreenSurge Foliar 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
K-Surge 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Manron Foliar 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
MicroBlend Zn-Mn-B 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
MicroBlend Zn-Mn-Cu 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Phosron Foliar 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PhotoGreen Foliar 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Transit Foliar 1.5 oz	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Zicron Foliar 4 qts	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

LEGEND

Gallons of Water 50

Compatible **Green**

Compatible **Blue** Needs Further Dilution

Compatible **Yellow** Opaque Through 80 Mesh Screen

Not Compatible **Red**

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COMPATIBILITY CHART



FOLIAR APPLIED PRODUCTS MIXED WITH OTHER FERTILIZERS

Rates Per Acre	BoronBoost® Foliar 3 qts	CellMate® Foliar Plus Mo 4 qts	ChloroDrive® Foliar 4 qts	Copron® Foliar 3 qts	DriveKP 2 qts	FlexForce® Foliar 4 qts	GreenSurge® Foliar 4 qts	K-Surge® Foliar 4 qts	Manron® Foliar 4 qts	MicroBlend® Zn-Mn-B 4 qts	MicroBlend® Zn-Mn-Cu 4 qts	Phosron® Foliar 4 qts	PhotoGreen® Foliar 4 qts	Transit® Foliar 1.5 oz	Zicron® Foliar 4 qts
Urea* 10 LBS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Potassium Phosphites (0-28-25)* 2 QUARTS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
3-18-18* 2 GALLONS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Potassium Nitrate* 15 LBS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Potassium Sulfate* 2 GALLONS OF 0-0-6	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Zinc Foliar Products* 2 QUARTS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Seaweed Extracts* 2 QUARTS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Calcium Foliar Products* 2 QUARTS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Boron Foliar Products* 2 QUARTS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
NPK Blends*	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

JAR TEST REQUIRED

LEGEND

Gallons of Water 5 50 100

* Compatibility information applies to most common fertilizers.

Compatible **Green**

Compatible **Blue** Needs Further Dilution

Compatible **Yellow** Opaque Through 80 Mesh Screen

Not Compatible **Red**

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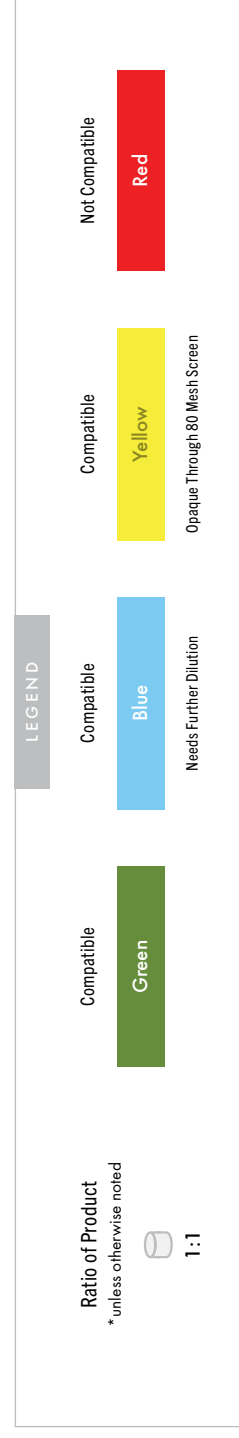


SOIL APPLIED BIONUTRITION PRODUCTS

	BoronBoost® Soil	BorCAN™ Soil	Copron® Soil	DriveKP	K-Surge®	Manron® Soil	MicroBlend® Zn-Mn-Cu	Phosron® Soil*	PhotoGreen® Soil	Transit® Soil	ZiCAN™ Soil	Zicron® Soil
BoronBoost Soil	Green	Green	Red	Green	Green	Blue	Green	Green	Red	Green	Yellow	Green
BorCAN Soil	Green	Green	Red	Green	Green	Blue	Red	Green	Red	Green	Green	Blue
Calron Soil	Green	Green	Yellow	Red	Blue	Yellow	Red	Red	Red	Green	Green	Red
Copron Soil	Red	Red	Green	Red	Red	Green	Green	Green	Green	Green	Green	Green
DriveKP	Green	Green	Red	Green	Green	Red	Red	Green	Red	Green	Red	Red
FlexForce Soil	Red	Red	Green	Red	Red	Green	Green	Red	Green	Green	Green	Green
K-Surge	Green	Green	Red	Green	Green	Red	Green	Green	Red	Green	Green	Red
Manron Soil	Blue	Blue	Green	Red	Green	Green	Green	Red	Green	Green	Green	Green
MicroBlend Zn-Mn-Cu	Green	Red	Green	Red	Red	Green	Green	Red	Green	Green	Green	Green
Phosron Soil*	Green	Red	Green	Red	Red	Red	Green	Green	Red	Green	Green	Green
PhotoGreen Soil	Red	Red	Green	Red	Red	Green	Green	Green	Green	Green	Green	Green
Transit Soil	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ZiCAN Soil	Yellow	Green	Green	Red	Green	Green	Green	Green	Green	Green	Green	Green
Zicron Soil	Green	Blue	Green	Red	Red	Green	Green	Green	Green	Green	Green	Green

Each mix done at a 1:1 ratio unless otherwise noted. *Phosron Soil, was mixed at a 10:1 ratio.

This chart is representative of a worst case scenario, under other ratios or with the addition of a macro nutrient the mix could become compatible. Jar test advised.



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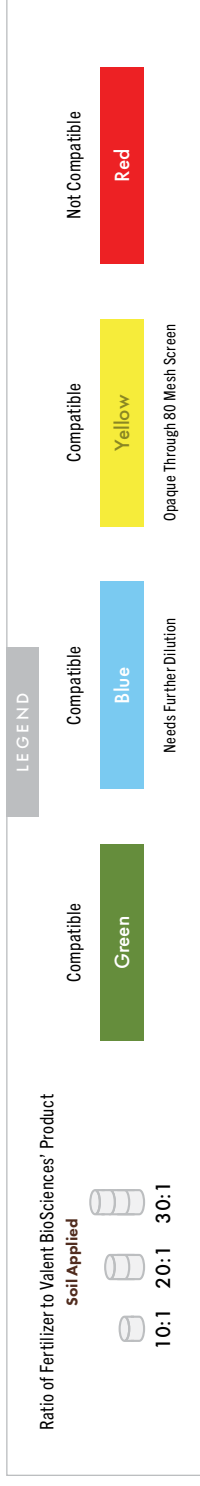


SOIL APPLIED PRODUCTS MIXED WITH OTHER FERTILIZERS

	BoronBoost® Soil	BorCAN™ Soil	Copron® Soil	DriveKP	K-Surge®	Manron® Soil	MicroBlend® Zn-Mn-Cu	Phosron® Soil	PhotoGreen® Soil	Transit® Soil	ZiCAN™ Soil	Zicron® Soil
UAN-32 (32-0-0)*	Green	Green	Green	Red	Green	Green	Green	Green	Green	Green	Green	Green
AN-20 (20-0-0)*	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Ammonium Thiosulfate* (ATS)	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
CAN-17*	Red	Red	Green	Red	Blue	Yellow	Yellow	Red	Yellow	Green	Green	Green
CN-9*	Red	Red	Green	Red	Green	Yellow	Yellow	Red	Yellow	Green	Green	Green
10-34-0*	Green	Green	Green	Green	Green	Red	Green	Green	Green	Green	Green	Green
8-8-8*	Green	Green	Green	Green	Green	Red	Red	Green	Red	Green	Red	Red
Potassium Thiosulfate* (KTS)	Green	Green	Green	Green	Green	Yellow	Red	Green	Yellow	Green	Green	Green
Calcium Thiosulfate* (CaTS)	Red	Red	Green	Red	Green	Red	Red	Red	Red	Green	Green	Green
6% Liquid Humic Acids from Leonardite*	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

* Compatibility information applies to most common fertilizers.

** Please allow at least 15 minutes after thorough agitation for the mixture to become compatible.



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Bionutrition Nutrient Analysis (%)

PAGE	PRODUCT	NPK			SECONDARY			MICRONUTRIENTS										pH
		N	P ₂ O ₅	K ₂ O	Ca	Mg	S	B	Cl	Co	Cu	Fe	Mn	Mo	Na	Ni	Zn	
4	BenePhite Expand*		19							0.05	0.75	1.75	0.1				4	< 1.0
5	BorCAN Soil	1						5										7.0 - 9.0
5	BoronBoost Foliar							6										8.0
5	BoronBoost Soil							6										8.0
6	BounceBack Foliar	4			8													5.2
7	Calron Soil	3			8													2.0
8	CellMate Foliar Plus Mo	3			8		0.5					0.2						6.5
9	ChloroDrive Foliar					2	4					2					2	3.1
10	Copron Foliar						2.5			5								1.3
10	Copron Soil						2.5			5								1.3
11	DriveKP		19	26									0.05					9.5 - 10.5
12	FlexForce Foliar	1					3			2	1						3	2.0
14	GreenSurge Foliar				4	5												5.0
15	Humate Plus			5														10.0 - 11.5
16	K-Surge			20				0.05				0.03						6.0 - 8.0
17	Manron Foliar					3					5							1.9
17	Manron Soil					3					5							1.9
18	MicroBlend Foliar Zn-Mn-B					3	0.5				3						3	2.6
19	MicroBlend Foliar Zn-Mn-Cu					3				1	3						3	2.5 - 3.1
19	MicroBlend Soil Zn-Mn-Cu					3				1	3						3	2.5 - 3.1

■ Foliar Applied Nutrition
 ■ Soil Applied Nutrition
 ■ Foliar and Soil Applied Nutrition
 ■ Seed Treatment
 * May vary by state.

This is not the complete label; see label for complete Directions for Use. Always read and follow label instructions. For the full product warranty, terms, and conditions, please visit www.warrantydetails.net or contact us at 1-877-696-4204. Tank mix compatibility is impacted by water quality. When mixing products, always establish compatibility using a standard jar test prior to tank mixing. Not all products listed are registered and available in all 50 states.

PAGE	PRODUCT	NPK			SECONDARY			MICRONUTRIENTS										pH
		N	P ₂ O ₅	K ₂ O	Ca	Mg	S	B	Cl	Co	Cu	Fe	Mn	Mo	Na	Ni	Zn	
15	Organic Humate Plus			4														10.0 - 11.5
40	Organic Zicron						3					1					6	2.0
20	Phosron Foliar	7	21	3									0.2					7.0 - 8.0
20	Phosron Soil	7	21										0.001				0.2	6.0 - 8.0
21	PhotoGreen Foliar						3				5	1						2.0
21	PhotoGreen Soil						3				5	1						1.5
22	PodOn											1					6	3.3
28	SuperSede Corn							0.5					0.25	0.0015			1.5	4.0 - 5.0
29	SuperSede Cotton							1					0.25				0.25	5.5
30	SuperSede Small Grains						1						0.9				2.25	3.5 - 4.5
31	SuperSede Soybean							0.2		0.05				5			0.5	3.0
32	Sweetsei	1	4	5														8.6
40	ZiCAN Soil	2										1					6	2
40	Zicron Foliar						3					1					6	3.1
40	Zicron Soil						3					1					6	3.1

■ Foliar Applied Nutrition
 ■ Soil Applied Nutrition
 ■ Foliar and Soil Applied Nutrition
 ■ Seed Treatment

Reference individual product SDS for more information.

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