

PRODUCT GUIDE

2027 **BIOSTIMULANTS AND RELATED PRODUCTS**



ABOUT SUMITOMO
BIORATIONAL



NEW PRODUCTS
IN 2027



INNOVATIVE PRODUCT
SOLUTIONS



COMPATIBILITY &
NUTRIENT ANALYSIS



SUSTAINING GENERATIONS THROUGH BIOSCIENCE™



**Helping growers maximize the productivity,
profitability, and sustainability of every acre
through innovative, science-driven solutions
that consistently deliver results.**



SUMITOMO BIORATIONAL



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For a complete lineup of Sumitomo Biorational Company's biostimulants and related products, please visit: sumitomobiorational.com/biostimulants.

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About the Featured Photography

Select images featured throughout this year's Product Guide were photographed on farms across the U.S. by Sumitomo Biorational's Brittney Madison.

*The term *biostimulant* refers to the classification of Sumitomo Biorational Company's products and is not intended to represent their official registration category. Registration may vary by country or state; please consult official authorities for the most current information.

WHY SUMITOMO BIORATIONAL

THE NAME MAY BE NEW, BUT OUR COMMITMENT TO GROWERS IS NOT.

Formerly Valent BioSciences, Sumitomo Biorational Company continues to deliver the same trusted biostimulant portfolio, technical expertise, and support you know today. While our name has changed, the people behind our business, our broad biostimulant portfolio, and our focus on helping growers maximize their profitability have not.

As growers work to optimize their efficiency and productivity across every acre, biostimulants play an important role in supporting crop performance and operational success. That's why we focus on delivering solutions backed by strong science, rigorous testing, and proven field performance.

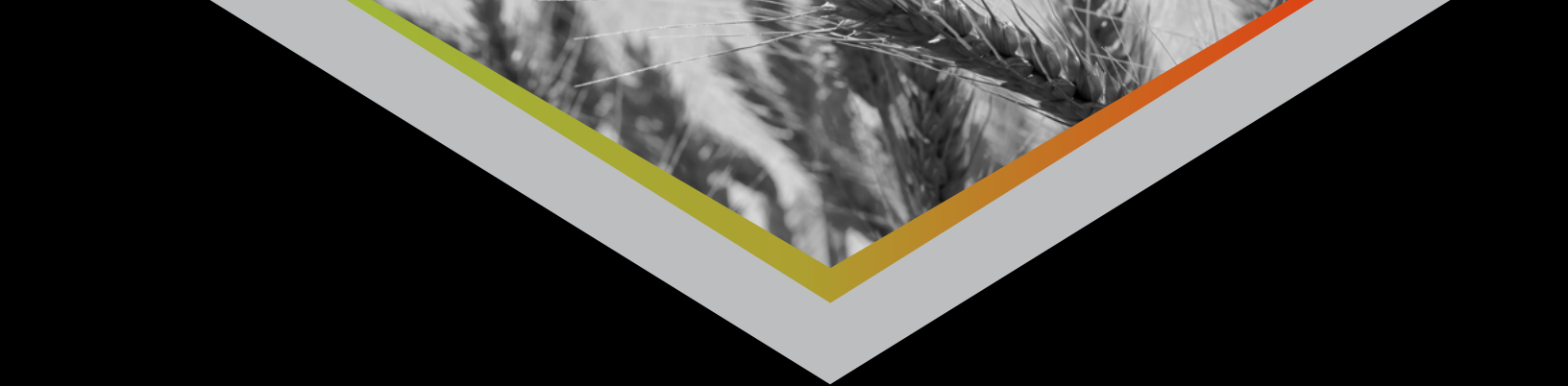
Bold claims are easy. We believe confidence is earned through research, technical expertise, and consistent results in the field.

BUILT FOR THE LONG TERM

We've been investing in biorational and biostimulant innovation for decades. Today, as Sumitomo Biorational, we combine global scientific capabilities with local agronomic knowledge to help growers confidently integrate biostimulants into modern production systems.

Backed by Sumitomo Chemical Co., Ltd. and supported by a global research network, we collaborate with leading scientists and technical experts around the world, bringing that knowledge and innovation directly to U.S. agriculture.

- 800+ research trials annually supporting product performance and recommendations
- Dedicated U.S. technical and commercial team focused on grower success
- 125+ U.S. patents issued since 2000
- 1,000+ product registrations across 95+ countries
- OMRI-listed products available



NEW INNOVATIONS

Innovation only matters if it delivers results in the field.

This year, Sumitomo Biorational is expanding its portfolio with new technologies designed to help growers optimize crop performance, improve quality, and maximize profitability.

GrainStar®

PLANT GROWTH REGULATOR

GrainStar® is a novel plant growth regulator powered by S-ABA technology that supports grain fill in wheat, barley, corn, and rice, and pod fill in soybeans. GrainStar also helps mitigate drought stress, securing yields and protecting profitability.

SugarMax®

PLANT GROWTH REGULATOR

Designed for sugarcane and sugar beet production, SugarMax® promotes ripening and sugar accumulation to help maximize sucrose yield and crop productivity. Its innovative S-ABA technology supports stronger crop performance without compromising regrowth.

Sweetsei®

BIOSTIMULANT

Sweetsei® is an innovative biostimulant designed to support fruit sizing, ripening, coloration, and sugar accumulation in specialty crops. Its optimized biochemical matrix helps growers improve fruit quality and marketability for more profitable harvests.

BACKED BY GLOBAL SCIENTIFIC EXPERTISE AND EXTENSIVE FIELD VALIDATION.



SUMITOMO BIORATIONAL

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS



BenePhite® Expand

NUTRITION

Product Overview	BenePhite® Expand is a phosphorus product built with our Transit® biostimulant. By pairing phosphite, a highly plant-available form of phosphorus, with targeted unique organic acids and key nutrition, BenePhite Expand delivers a readily available nutritive boost to enhance photosynthetic activity for improved canopy development and fruit quality. • Enhanced Canopy Development • Improved Fruit Quality • Reduced Risk of Phytotoxicity		
Formulations	BenePhite Expand		
Guaranteed Analysis* *May vary by state	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% Derived from: Phosphorous acid, zinc phosphite, manganese phosphite, iron phosphite, cobalt nitrate, and sodium molybdate.		
Application Information	Application Type	Use Rate	Application Timing
	Foliar	0.5 – 4 qt/ac	Repeat every 2 – 3 weeks
	Soil	2 – 6 qt/ac	

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

BoronBoost®

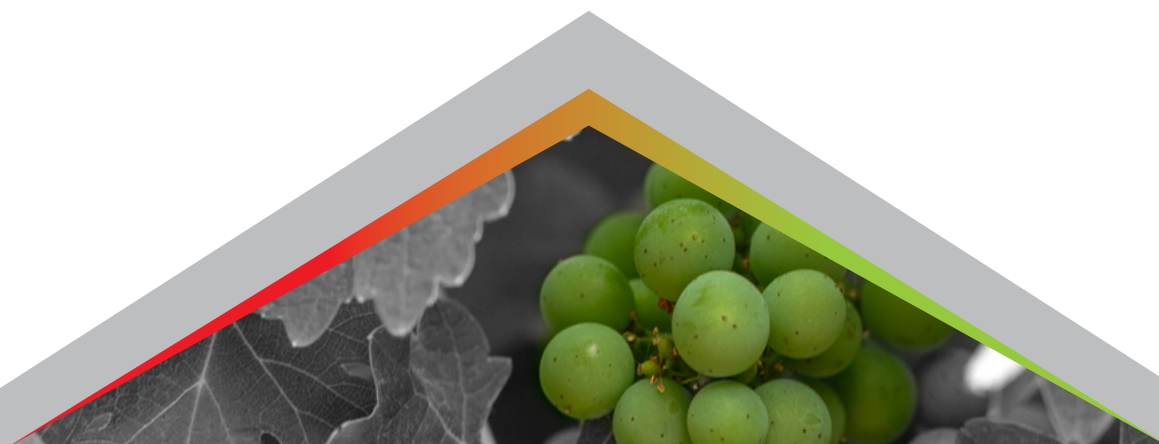
NUTRITION

Product Overview	BoronBoost® is a boron product built with targeted organic acids from our Transit® biostimulant for high nutrient availability and uptake. BoronBoost drives key physiological processes, supporting superior pollen tube development and carbohydrate movement for enhanced fruit, nut, and grain quality. We also carry a CAN-17 and CN-9 compatible formulation, BorCAN™. • Increased Fruit, Nut, and Grain Fill • Improved Quality		
Formulations	BoronBoost Foliar, BoronBoost Soil		
BoronBoost Foliar	Boron (B) 6.0%		
Guaranteed Analysis	Derived from: Boron ethanolamine.		
BoronBoost Soil	Boron (B) 6.0%		
Guaranteed Analysis	Derived from: Boric acid. Also contains non-plant food ingredient: 0.6% humic acids derived from Leonardite.		
Application Information	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™

NUTRITION

Formulations	BorCAN Soil	
Guaranteed Analysis	Total Nitrogen (N) 1.0% Boron (B) 5.0% Derived from: Boron ethanolamine.	
Application Information	Use Rate	Application Timing
	1 – 6 qt/ac	Any time during the growing season; repeat as needed.



PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

BounceBack®

BIOSTIMULANT

Product Overview	BounceBack® is a stress mitigation product built with our Transit® biostimulant, plant extracts, and key nutrition. BounceBack provides rapid relief for crops under photosynthetic and respiration stress and supports better crop quality. • Improves Crop Quality • Heat Stress Mitigation	
Formulations	BounceBack Foliar	
Guaranteed Analysis	Total Nitrogen (N) 4.0% Calcium (Ca) 8.0% Derived from: Calcium gluconate and calcium nitrate.	
Application Information	Use Rate	Application Timing
	1 – 6 qt/ac	Any time during the growing season; repeat as needed.

Calron®

NUTRITION

Product Overview	Calron® is a calcium product built with our Transit® biostimulant designed for improved plant uptake and nutrient mobility within the xylem and phloem. With targeted organic acids and supplementary nitrogen, Calron provides readily available nutrition to support bud growth and enhanced fruit quality. • Bud Development • Improved Fruit Firmness	
Formulations	Calron Soil	
Guaranteed Analysis	Total Nitrogen (N) 3.0% Calcium (Ca) 8.0% Derived from: Calcium gluconate and calcium nitrate.	
Application Information	Use Rate	Application Timing
	1 – 8 qt/ac	Any time during the growing season; repeat as needed.



PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

CellMate® Foliar Plus Mo

NUTRITION

Product Overview	CellMate® Foliar Plus Mo is a calcium, boron, and molybdenum product built with our Transit® biostimulant for high nutrient mobility and uptake within the plant. Using targeted organic acids, CellMate provides superior critical nutrition to support pollination and cell wall integrity for increased fruit quality. • Improved Pollination • Enhanced Fruit Quality	
Formulations	CellMate Foliar Plus Mo	
Guaranteed Analysis	Total 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.	
Application Information	Use Rate	Application Timing
	1 – 4 qt/ac	Any time during the growing season; repeat as needed.

ChloroDrive Foliar®

NUTRITION

Product Overview	ChloroDrive Foliar® is a multi-nutrient product built with our Transit® biostimulant. Combining targeted organic acids and key nutrition, ChloroDrive improves photosynthetic efficiency and facilitates enhanced translocation of sugars in the plant, resulting in better fruit quality. • Improved Photosynthesis • Increased TSS Content	
Formulations	ChloroDrive Foliar	
Guaranteed Analysis	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.	
Application Information	Use Rate	Application Timing
	1 – 6 qt/ac	Any time during the growing season; repeat as needed.



PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Copron®

NUTRITION

Product Overview	Copron® is a copper product built with targeted organic acids from our Transit® biostimulant for high nutrient availability and uptake. Copron drives key physiological processes, supporting photosynthesis and plant stress responses. • Improved Photosynthesis • Support Plant Stress Response		
Formulations	Copron Foliar, Copron Soil		
Guaranteed Analysis	Sulfur (S) 2.5% Copper (Cu) 5.0% Derived from: Copper sulfate.		
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

NUTRITION

Product Overview	DriveKP is a dipotassium phosphate (DKP) product built with our Transit® biostimulant and plant extracts. Using targeted organic acids, DriveKP is designed for high nutrient mobility and uptake to support improved crop quality. • Improved Crop Quality • Increased Nut Size and Berry Brix	
Formulations	DriveKP	
Guaranteed Analysis	Available Phosphate (P₂O₅) 19.0% Soluble Potash (K₂O) 26.0% Molybdenum (Mo) 0.05% Derived from: Dipotassium phosphate and sodium molybdate.	
Application Information	Use Rate	Application Timing
	Foliar: 1 – 6 qt/ac	Any time during the growing season; repeat as needed.
	Soil: 1 – 5 gal/ac	



PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

FlexForce®

NUTRITION

Product Overview	FlexForce is a multi-nutrient product with dual-action biostimulants to support canopy growth. By pairing our Transit® biostimulant, plant extracts, and key nutrition, FlexForce increases leaf area and optimizes photosynthetic pathways to build leaf storage capacity during vegetative growth. • Greater Leaf Area • Increased Photosynthesis • More Nutrient Storage	
Formulations	FlexForce Foliar	
Guaranteed Analysis	Total Nitrogen (N) 1.0% Sulfur (S) 3.0% Iron (Fe) 2.0% Manganese (Mn) 1.0% Zinc (Zn) 3.0% Derived from: Urea, ferrous sulfate, manganese sulfate, and zinc sulfate.	
Application Information	Use Rate	Application Timing
	1 – 4 qt/ac	Any time during the growing season; repeat as needed.

GrainStar®

PLANT GROWTH REGULATOR

Product Overview	GrainStar® is a first-of-its-kind patented abscisic acid plant growth regulator. It simultaneously primes plants for unforeseen heat and drought stress and enhances the mobilization of carbohydrates to the developing grains, supporting greater grain fill, pod fill, and profitability in wheat, barley, corn, soybeans, and rice. • Enhances Carbohydrate Mobility • Drives Grain Fill in Wheat, Barley, Corn, and Rice • Increases Pod Fill in Soybeans • Mitigates Drought Stress			
Formulations	GrainStar			
Ingredient Statement	Active Ingredient: S-Absciscic Acid 8.6% w/w Other Ingredients 91.4% w/w TOTAL 100.0% w/w Contains a total of 8.6 g of S-absciscic acid in 100 g of product.			
Application Information	Crop	Objective/Benefit	Use Rate	Application Timing
	Wheat, Barley <i>(Not for use in California)</i>	Improved grain fill and increased yield	1 oz/ac	Flag leaf to 50% heading
	Field Corn <i>(Not for use in California)</i>	Improved grain fill and increased yield	0.7 oz/ac	V3 – prior to VT and R2 – R3 stage
	Soybean <i>(Not for use in California)</i>	Improved pod fill and increased yield	1 oz/ac	R1 – R6
	Rice <i>(Not for use in California)</i>	Improved grain fill and increased yield	0.7 oz/ac	Flag leaf emergence to just prior to anthesis

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

GreenSurge™

NUTRITION

Product Overview	GreenSurge™ is a magnesium product built with our Transit® biostimulant. Targeted organic acids enhance nutrient uptake and mobility, helping improve chlorophyll production for greater photosynthetic efficiency. • Improved Chlorophyll Production • Enhanced Photosynthetic Efficiency	
Formulations	GreenSurge Foliar	
Guaranteed Analysis	Magnesium (Mg) 4.0% Sulfur (S) 5.0% Derived from: Magnesium sulfate.	
Application Information	Use Rate	Application Timing
	1 – 4 qt/ac	Any time during the growing season; repeat as needed.

Humate Plus™

BIOSTIMULANT

Product Overview	Humate Plus™ is a highly concentrated humic acid product that allows for a low use rate. It enhances cation exchange capacity (CEC) and increases water and nutrient retention in the rhizosphere for improved plant uptake from the soil. FBS Organics Humate Plus is our formulation suited for organic systems. • Improved CEC in the Rhizosphere • Enhanced Nutrient and Water Retention		
Formulations	Humate Plus, FBS Organics Humate Plus		
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.		
FBS Organics 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.  		
Application Information	Product	Use Rate	Application Timing
	Humate Plus	0.5 – 1 qt/ac	Any time during the growing season; repeat as needed.
	FBS Organics Humate Plus	0.5 – 2 qt/ac	

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

K-Surge®

NUTRITION

Product Overview	K-Surge® is a potassium acetate product built with our Transit® biostimulant. Using targeted organic acids to improve nutrient uptake and mobility, K-Surge supports superior sugar and water transport in plants for fruit development and quality. • Better Water Uptake • Increased Brix	
Formulations	K-Surge	
Guaranteed Analysis	Soluble Potash (K₂O) 20.0% Boron (B) 0.05% Molybdenum (Mo) 0.03% Derived from: Potassium acetate, boric acid, and sodium molybdate.	
Application Information	Use Rate	Application Timing
	Foliar: 1 – 6 qt/ac	Any time during the growing season; repeat as needed.
	Soil: 1 – 5 gal/ac	

LumaGreen™

NUTRITION

Product Overview	LumaGreen™ is a zinc and manganese nutrition product paired with dual-action biostimulants to support robust early vegetative development. By pairing organic acids from our Transit® biostimulant, plant extracts, and key nutrition, LumaGreen optimizes transpiration, stomatal regulation, and photosynthesis, driving stronger early-season growth and canopy expansion. • Canopy Expansion • Optimized Transpiration • Increased Photosynthesis		
Formulations	LumaGreen		
Guaranteed Analysis	Manganese (Mn) 1.0% Zinc (Zn) 6.0% Derived from: Manganese sulfate and zinc sulfate.		
Application Information	Crop	Use Rate	Application Timing
	Corn	1 qt/ac	V4 – V7
	Soybean	1 qt/ac	V2 – V4
	Other Crops	1 qt/ac	Early vegetative



PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Manron®

NUTRITION

Product Overview

Manron® is a manganese product built with our Transit® biostimulant. Our formulations use targeted organic acids to support nutrient uptake and transport in the xylem and phloem to support strong photosynthesis, nitrogen utilization, and nodulation.

- Increased Photosynthetic Efficiency
- Optimized Formulations

Formulations

Manron Foliar, Manron Soil

Guaranteed Analysis

Sulfur (S) 3.0%

Manganese (Mn) 5.0%

Derived from: Manganese sulfate.

Application Information

Product

Use Rate

Application Timing

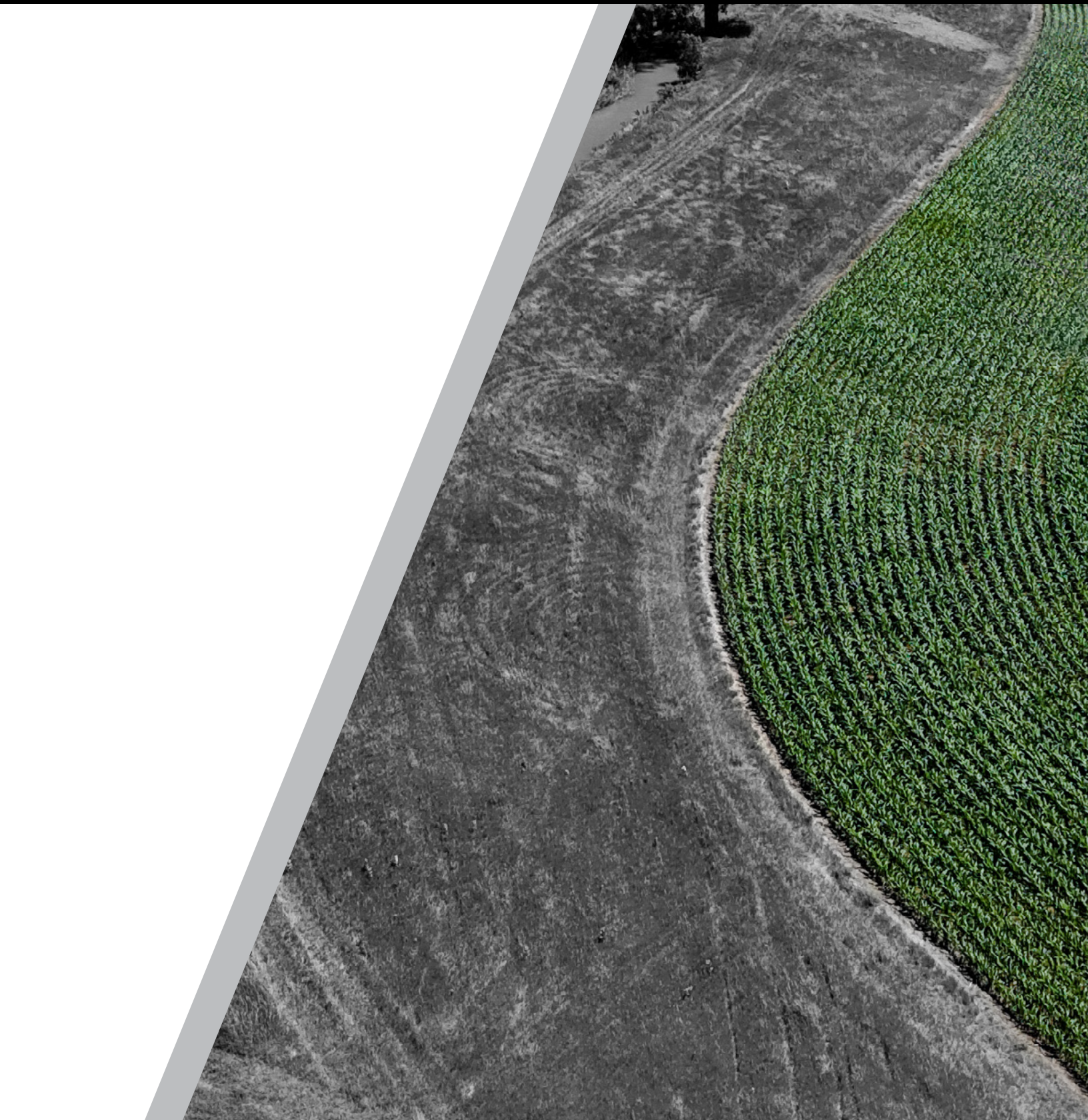
Manron Foliar

0.5 – 3 qt/ac

Manron Soil

1 – 4 qt/ac

Any time during the growing season; repeat as needed.



PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

MicroBlend™ Zn-Mn-B

NUTRITION

Product Overview	MicroBlend™ Zn-Mn-B is a zinc, manganese, and boron product that supports photosynthesis and successful pollination. With targeted organic acids from our Transit® biostimulant, MicroBlend Zn-Mn-B improves nutrient uptake and mobility to enhance an array of plant functions for optimized yields. • Improved Photosynthesis • Improved Pollination	
Formulations	MicroBlend Foliar Zn-Mn-B	
Guaranteed Analysis	Sulfur (S) 3.0% Boron (B) 0.5% Manganese (Mn) 3.0% Zinc (Zn) 3.0% Derived from: Boric acid, manganese sulfate, and zinc sulfate.	
Application Information	Use Rate	Application Timing
	1 – 4 qt/ac	Any time during the growing season; repeat as needed.

MicroBlend™ Zn-Mn-Cu

NUTRITION

Product Overview	MicroBlend™ Zn-Mn-Cu is a zinc, manganese, and copper product built with our Transit® biostimulant. Our formulation uses targeted organic acids for high nutrient mobility and uptake within the plant to enhance nut fill and fruit enlargement. • Enhanced Nut Fill • Fruit Enlargement		
Formulations	MicroBlend Foliar Zn-Mn-Cu, MicroBlend Soil Zn-Mn-Cu		
Guaranteed Analysis	Sulfur (S) 3.0% Copper (Cu) 1.0% Manganese (Mn) 3.0% Zinc (Zn) 3.0% Derived from: Zinc sulfate, manganese sulfate, and copper sulfate.		
Application Information	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 DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Phosron®

NUTRITION

Product Overview	Phosron® is a phosphate product built with our Transit® biostimulant, designed with targeted organic acids for high nutrient mobility and uptake within the plant. Our formulations maximize early vegetative growth to support strong crop performance. Improved Early Vegetative Growth		
Formulations	Phosron Foliar, Phosron Soil		
Phosron Foliar	Total Nitrogen (N) 7.0% Available Phosphate (P₂O₅) 21.0%		
Guaranteed Analysis	Soluble Potash (K₂O) 3.0% Molybdenum (Mo) 0.2% Derived from: Ammonium hydroxide, urea, phosphoric acid, potassium hydroxide, and sodium molybdate.		
Phosron Soil	Total Nitrogen (N) 7.0% Available Phosphate (P₂O₅) 21.0%		
Guaranteed Analysis	Molybdenum (Mo) 0.001% Zinc (Zn) 0.2% Derived from: Ammonium hydroxide, phosphoric acid, ammonium polyphosphate, zinc gluconate, and sodium molybdate.		
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	

PhotoGreen®

NUTRITION

Product Overview	PhotoGreen® is an iron and manganese product built with our Transit® biostimulant. Our formulations use targeted organic acids designed for high nutrient mobility and uptake to drive photosynthetic efficiency, support chlorophyll formation, and maximize crop canopy development. • Improved Photosynthesis • Enhanced Canopy Development		
Formulations	PhotoGreen Foliar, PhotoGreen Soil		
Guaranteed Analysis	Iron (Fe) 5.0% Manganese (Mn) 1.0% Sulfur (S) 3.0% Derived from: Ferrous sulfate and manganese sulfate.		
Application Information	Product	Use Rate	Application Timing
	PhotoGreen Foliar	1 – 4 qt/ac	Any time during the growing season; repeat as needed.
	PhotoGreen Soil		

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Proliant® (Not for use in California) 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, hay, and silage corn in a unique water-soluble formulation. - Maximizes Silage Corn Tonnage While Retaining Nutrition Quality - Extends the Grazing Season on Annual and Perennial Grasses - Stimulates Dry Matter Production Under Suboptimal Growing Conditions 		
Formulations	Proliant Plant Growth Regulator Water Soluble Granule		
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.		
Application Information	Crop & Objective	Use Rate	Application Timing
	Corn: Field, Silage, Popcorn, Sweet Corn, Seed Corn Objective: To increase yield.	0.3 – 0.6 oz product	Apply at V2 – V6.
	Perennial Forage Grasses Objective: 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 and 60°F, and adequate moisture and nutrition are present.
Scan the code to learn how you can maximize your tonnage with Proliant Plant Growth Regulator! 			

Proliant® Plant Growth Regulator Application Information (continued)

Crop & Objective	Use Rate	Application Timing
Annual Forage Grasses Objective: 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 and 60°F, and adequate moisture and nutrition are present.
Timothy Hay Objective: 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 Objective: 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 and 60°F and adequate moisture and nutrition are present.
Winter Brassicas Objective: 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 and 60°F, and adequate moisture and nutrition are present.

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Proliant® Plus *(Not for use in California)*

PLANT GROWTH REGULATOR

Product Overview	Designed for early vegetative growth, Proliant® Plus is a gibberellic acid (GA ₃) and S-abscisic acid (S-ABA) plant growth regulator that provides enhanced early crop growth for improved establishment. • Improves Growth • Enhances Stress Tolerance		
Formulations	Proliant Plus Plant Growth Regulator Water Soluble Granule		
Ingredient Statement	Active Ingredient: Gibberellin A ₃ 40.0% S-Absciscic Acid: 3.12% Other Ingredients 56.88% TOTAL 100.0% Contains a total of 128 g of Gibberellin Acid and 9.99 grams of S-abscisic acid in 320 grams of product.		
Application Information	Crop & Objective	Use Rate	Application Timing
	Corn: Silage, Field Objective: To increase yield and help overcome the effects of heat or drought.	0.3 – 0.6 oz product	Apply at V2 – V6.
	Corn: Popcorn, Sweet Corn, Seed Corn Objective: To increase yield and help overcome the effects of heat or drought.	0.3 – 0.6 oz product	Apply at V2 – V6.

Proliant® Plus Plant Growth Regulator Application Information (continued)

Crop & Objective	Use Rate	Application Timing
Soybean Objective: To enhance vegetative growth in soybeans.	0.3 – 1.0 oz product	Apply 1 – 2 applications during growth stages V1 – V4 (1 – 2 sets of unfolded trifoliate leaves). Complete coverage of leaf tissue is essential. Make applications using a spray volume of 20 – 40 gal per acre.
Soybean (<i>Not for use in California</i>) Objective: To enhance plant growth and increase pod set.	0.1 – 0.2 oz product	Apply 1 – 2 applications during growth stages R2 – R4. Complete coverage is essential. Make applications using a spray volume of 20 – 40 gal per acre.
Cereal Grains (such as barley, oats, rye, sorghum, wheat, triticale) Objective: To increase grain yield and help overcome the effects of heat or drought.	0.3 – 1.0 oz product	Spring Application: 1 to 3 applications every 3 to 4 weeks starting at green up after 1 to 2 inches of new shoot growth has emerged. 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 to 60° F and adequate moisture and nutrition are present.
Sugarcane Objective: To maintain yields in older plantings, increase bio-mass and stimulate growth before harvest of cane in older production fields (>3 years).	0.1 - 0.6 oz product	Apply at 1st - 5th internode stage to new plantings or ratoon crop in at least 20 gal/A. Addition of non-ionic surfactant may increase activity.

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

SugarMax®

PLANT GROWTH REGULATOR

Product Overview

SugarMax® Plant Growth Regulator is a novel ripening agent for sugarcane and sugar beets. SugarMax promotes higher cane and beet yield and promotes ripening and sugar accumulation. The result is greater sucrose availability and increased sugar productivity per acre.

- Improved Ripening
- Greater Sucrose Production
- Increased Cane and Beet Growth
- Enhanced Regrowth in Sugarcane



Formulations

SugarMax Plant Growth Regulator Water Soluble Granule

Ingredient Statement

Active Ingredient: S-Abscisic Acid 20.0% w/w
 Other Ingredients 80.0% w/w
 TOTAL 100.0% w/w
 Contains a total of 20 g of S-abscisic acid in 100 g of product.

Application Information

Crop	Objective/Benefit	Application Timing
Sugarcane (Not for use in California)	Application of SugarMax on sugarcane results in increased sugar yield.	Apply SugarMax 8 – 2 weeks before harvest. Apply 0.14 – 1.4 ounces of SugarMax per acre (0.5 oz/ac or 2.8 g of S-ABA is recommended) as a spray solution in a sufficient volume to achieve uniform coverage.

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 beets 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 oz of SugarMax (4.8 g 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.

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

SuperSede® Corn

BIOSTIMULANT SEED TREATMENT

Product Overview	SuperSede® Corn is a seed treatment powered by our Transit® biostimulant with key corn nutrition. SuperSede Corn increases germination and supports early root growth for uniformity and establishment. • Better Germination • Enhanced Root Growth • Targeted Nutrition		
Formulations	SuperSede Corn		
Guaranteed Analysis	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.		
Application Information	Crop	Use Rate	Application Timing
	Corn	1 fl oz per 50 lbs	Seed Treatment

SuperSede® Cotton

BIOSTIMULANT SEED TREATMENT

Product Overview	SuperSede® Cotton is a seed treatment powered by our Transit® biostimulant with key cotton nutrition. SuperSede Cotton increases germination and supports early root growth for uniformity and establishment. • Better Germination • Enhanced Root Growth • Targeted Nutrition		
Formulations	SuperSede Cotton		
Guaranteed Analysis	Boron (B) 1.0% Manganese (Mn) 0.25% Zinc (Zn) 0.25% Derived from: Manganese sulfate, zinc sulfate, and boric acid.		
Application Information	Crop	Use Rate	Application Timing
	Cotton	0.75 fl oz per 100 lbs	Seed Treatment



PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

SuperSede® Small Grains

BIOSTIMULANT SEED TREATMENT

Product Overview	SuperSede® Small Grains is a seed treatment powered by our Transit® biostimulant with key small grains nutrition. SuperSede Small Grains increases germination and supports early root growth for uniformity and establishment. • Better Germination • Enhanced Root Growth • Targeted Nutrition		
Formulations	SuperSede Small Grains		
Guaranteed Analysis	Sulfur (S) 1.0% Manganese (Mn) 0.9% Zinc (Zn) 2.25% Derived from: Manganese sulfate and zinc sulfate.		
Application Information	Crop	Use Rate	Application Timing
	Small Grains	1 fl oz per 50 lbs	Seed Treatment

SuperSede® Soybean

BIOSTIMULANT SEED TREATMENT

Product Overview	SuperSede® Soybean is a seed treatment powered by our Transit® biostimulant with key soybean nutrition. SuperSede Soybean increases germination and supports early root growth for uniformity and establishment. SuperSede Soybean also supports increased nodulation for improved nitrogen fixation. • Better Germination • Enhanced Root Growth and Nodulation • Targeted Nutrition		
Formulations	SuperSede Soybean		
Guaranteed Analysis	Boron (B) 0.2% Cobalt (Co) 0.05% Molybdenum (Mo) 5.0% Zinc (Zn) 0.5% Derived from: Sodium molybdate, cobalt nitrate, boric acid, and zinc sulfate.		
Application Information	Crop	Use Rate	Application Timing
	Soybeans	1 fl oz per 50 lbs	Seed Treatment
	Peanut		



PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Sweetsei®

BIOSTIMULANT

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. • Improved Fruit Sizing and Uniformity • Advanced Fruit Ripening and Brix • Improved Coloration		
Formulations	Sweetsei		
Guaranteed Analysis	Total Nitrogen (N) 1.0% Available Phosphate (P₂O₅) 4.0% Soluble Potash (K₂O) 5.0% Derived from: Soybean protein hydrolysate, potassium hydroxide and phosphoric acid.		
Application Information	Crop	Use Rate	Application Timing
	Strawberries	1 qt/ac	Apply beginning at fully sized fruit and again 10 – 14 days later.
	Blueberries	1 qt/ac	Every 7 – 14 days from the beginning of color initiation.
	Grapes	2 qt/ac	Apply 7 days after veraison.
	Tomatoes	2 qt/ac	Apply at the beginning of color initiation.
	Cherries	2 qt/ac	Apply during the transition from straw-yellow color stage to the pink color stage.

Symvado® Granular

INOCULANT

Product Overview	Symvado® Granular is a mycorrhizal inoculant that is a unique pelletized formulation, designed to be spread with alfalfa seed or granular fertilizer. Symvado Granular is powered by MycoApply® Arbuscular Mycorrhizal Fungi (AMF). Symvado Granular extends the root absorption area for increased access to nutrients and water. • Extended Root Area • Nutrient Absorption • Water Holding Capacity 		
Formulations	Symvado Granular		
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>Claroideoglomus etunicatum</i> (33.1 propagules/g) <i>Claroideoglomus claroideum</i> (33.1 propagules/g) 99.97% Total Inert Ingredients (Clay as carrier)		
Application Information	Crop	Use Rate	Application Timing
	Alfalfa / Granular Fertilizer	2 lbs/ac	Thoroughly mix with alfalfa seed; adjust planting rate to maintain desired seeding population.

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Symvado® Organic

INOCULANT

Product Overview	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. • Extended Root Area • Nutrient Absorption • Water Holding Capacity 
Formulations	Symvado Organic
Guaranteed Analysis: Symvado Organic Species of AMF	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)
Application Information	Use Rate and Application Timing
	Varies by application method. See label for details or contact your crop advisor or Sumitomo Biorational for additional information.

Symvado® SC

INOCULANT

Product Overview	Symvado® SC is a mycorrhizal inoculant liquid formulation powered by MycoApply® Arbuscular Mycorrhizal Fungi (AMF). Symvado SC extends root absorption area for increased access to nutrients and water. • Extended Root Area • Nutrient Absorption • Water Holding Capacity		
Formulations	Symvado SC		
Guaranteed Analysis: Symvado SC Species of AMF	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)		
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, Drip
	Sugarcane	2 fl oz/ac	In-Furrow, 2 x 2

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Symvado® ST

INOCULANT

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. • Extended Root Area • Nutrient Absorption • Water Holding Capacity		
Formulations	Symvado ST		
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)		
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	
	Rice (Conventional)	0.10 fl oz per 50 lbs	

Symvado® Ultrafine

INOCULANT

Product Overview	Symvado® Ultrafine is a fine powder for use as a seed coating in conventional or 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. - Extended Root Area - Nutrient Absorption - Water Holding Capacity  		
Formulations	Symvado Ultrafine		
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)		
Application Information	Use Rate Application Method Application Timing		
	Varies by application method. See label for details or contact your crop advisor or Sumitomo Biorational 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.

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Symvado® WSP

INOCULANT

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 root absorption area for increased access to nutrients and water. • Extended Root Area • Nutrient Absorption • Water Holding Capacity		
Formulations	Symvado WSP		
Guaranteed Analysis: Symvado WSP Species of AMF	0.03% Total Active Ingredients <i>Funneliformis mosseae</i> (33 propagules/g) <i>Rhizophagus intraradices</i> (33 propagules/g) <i>Claroideoglomus etunicatum</i> (33 propagules/g) <i>Claroideoglomus claroideum</i> (33 propagules/g) 99.97% Total Inert Ingredients (Clay as carrier)		
Application Information	Crop	Use Rate	Application Timing
	Nut Trees	1 pod per planting hole	Planting
	Citrus		
	Grapes		
	Pome Fruit		
	Stone Fruit		

Transit®

BIOSTIMULANT

Product Overview

Transit® is our proprietary biostimulant that uses targeted organic acids to support plant growth and nutrient translocation in the xylem and phloem. Soil applications of Transit increase germination and root growth. Foliar applications of Transit support increased leaf area for greater photosynthetic capacity. Once Transit is in the plant, it improves nutrient mobility. FBS Organics Transit Soil is our formulation suited for organic production.

Increased nutrient use efficiency leads to:

- Increased Photosynthesis
- Improved Nutrient Mobility
- Optimized Formulations

Formulations

Transit Soil, Transit Foliar, FBS Organics Transit Soil

Transit Soil & Transit Foliar

Zinc (Zn) 0.5%

Derived from: Zinc EDTA.

Guaranteed Analysis

FBS Organics Transit Soil

Sulfur (S) 2.0%

Zinc (Zn) 5.0%

Derived from: Zinc sulfate,
complexed with lignosulfonate.



Guaranteed Analysis

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	
FBS Organics Transit Soil	8 – 16 fl oz/ac	

PRODUCT DETAILS

INNOVATIVE PRODUCT SOLUTIONS

Zicron®

BIOSTIMULANT

Product Overview	Zicron® is a zinc, manganese, and sulfur product built with our Transit® biostimulant to support high nutrient mobility and uptake within the plant. Combining organic acids with key nutrition, Zicron promotes fruit and nut set, development, and post-harvest root flush. ZiCAN is our formulation suited for CAN-17 and CN-9 compatibility, and FBS Organics Zicron is our formulation suited for organic production. • Improved Photosynthesis • Enhanced Rooting • Optimized Formulations		
Formulations	Zicron Foliar, Zicron Soil, FBS Organics Zicron		
Guaranteed Analysis	Sulfur (S) 3.0% Manganese (Mn) 1.0% Zinc (Zn) 6.0% Derived from: Manganese sulfate and zinc sulfate.		
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	

ZiCAN™

BIOSTIMULANT

Formulations	ZiCAN Soil	
Guaranteed Analysis	Total Nitrogen (N) 2.0% Manganese (Mn) 1.0% Zinc (Zn) 6.0% Derived from: Ammonium nitrate, nitric acid, zinc gluconate, and manganese gluconate.	
Application Information	Use Rate	Application Timing
	1 – 8 qt/ac	Any time during the growing season; repeat as needed.

FBS Organics Zicron®

BIOSTIMULANT

Guaranteed Analysis	Sulfur (S) 3.0% Manganese (Mn) 1.0% Zinc (Zn) 6.0% Derived from: Manganese sulfate complexed with gluconic acids, zinc sulfate complexed with gluconic acids and liginosulfonate.	
	  	
Application Information	Use Rate	Application Timing
	Foliar: 1 – 3 qt/ac	Any time during the growing season; repeat as needed.
	Soil: 1 – 8 qt/ac	

FOLIAR APPLIED BIONUTRITION PRODUCTS

COMPATIBILITY CHART

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® 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 15 oz	Zicron® Foliar 4 qts
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 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 15 oz																—	
Zicron Foliar 4 qts																	—

Compatible

Compatible
Needs Further Dilution

Compatible
Opaque Through 80 Mesh Screen

Not Compatible

Gallons of Water
 50

LEGEND

The compatibility information provided in this chart is based on available data and/or limited testing. Because product performance can be influenced by many factors beyond our control—including water quality, application methods, environmental conditions, and the presence of other products—we make no warranties, express or implied, regarding the outcomes of tank mixes or product combinations. Users are responsible for conducting a jar test and/or consulting with their agronomist or advisor before making large-scale applications.



A standard jar test is recommended before tank mixing. 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.

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FOLIAR APPLIED PRODUCTS MIXED WITH OTHER FERTILIZERS

COMPATIBILITY CHART

Rates Per Acre	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® 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 15 oz			Zicron® Foliar 4 qts		
GALLONS OF WATER	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100	5	50	100			
Urea* 10 LBS																																																
Potassium Phosphites (0-28-25)* 2 QUARTS																																																
3-18-18* 2 GALLONS																																																
Potassium Nitrate* 15 LBS																																																
Potassium Sulfate* 2 GALLONS OF 0-0-6																																																
Zinc Foliar Products* 2 QUARTS																																																
Seaweed Extracts* 2 QUARTS																																																
Calcium Foliar Products* 2 QUARTS																																																
Boron Foliar Products* 2 QUARTS																																																
NPK Blends*																																																

JAR TEST REQUIRED

JAR TEST REQUIRED

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Gallons of Water

5

50

100

LEGEND

Compatible

Green

Compatible

Blue

Compatible

Yellow

Not Compatible

Red

Needs Further Dilution

Opaque Through 80 Mesh Screen

* Compatibility information applies to most common fertilizers.



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SOIL APPLIED BIONUTRITION PRODUCTS

COMPATIBILITY CHART

	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	Red	Green	Green	Blue	Green	Green	Red	Green	Yellow	Green
BorCAN Soil	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	—	Red	Red	Green	Green	Green	Green	Green	Green	Green
DriveKP	Green	Green	Red	—	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	—	Red	Red	Green	Red	Green	Green	Red
Manron Soil	Blue	Blue	Green	Red	Red	—	Green	Red	Green	Green	Green	Green
MicroBlend Zn-Mn-Cu	Green	Red	Green	Red	Red	Green	—	Red	Green	Green	Green	Green
Phosron Soil*	Green	Green	Green	Green	Green	Red	Red	—	Red	Green	Green	Green
PhotoGreen Soil	Red	Red	Green	Red	Red	Green	Green	Red	—	Green	Green	Green
Transit Soil	Green	Green	Green	Green	Green	Green	Green	Green	Green	—	Green	Green
ZICAN Soil	Yellow	Green	Green	Red	Green	Green	Green	Green	Green	Green	—	Green
Zicron Soil	Green	Blue	Green	Red	Red	Green	Green	Green	Green	Green	Green	—

Ratio of Product
*unless otherwise noted



1:1

LEGEND

Compatible

Green

Compatible

Blue

Compatible

Yellow

Not Compatible

Red

Needs Further Dilution

Opaque Through 80 Mesh Screen

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.

The compatibility information provided in this chart is based on available data and/or limited testing. Because product performance can be influenced by many factors beyond our control—including water quality, application methods, environmental conditions, and the presence of other products—we make no warranties, express or implied, regarding the outcomes of tank mixes or product combinations. Users are responsible for conducting a jar test and/or consulting with their agronomist or advisor before making large-scale applications.



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A standard jar test is recommended before tank mixing. 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.

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SOIL APPLIED PRODUCTS MIXED WITH OTHER FERTILIZERS

COMPATIBILITY CHART

	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		
	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30			
UAN-32 (32-0-0)*																																				
AN-20 (20-0-0)*																																				
Ammonium Thiosulfate* (ATS)																																				
CAN-17*																																				
CN-9*																																				
10-34-0*																																				
8-8-8*																																				
Potassium Thiosulfate* (KTS)																																				
Calcium Thiosulfate* (CaTS)																																				
6% Liquid Humic Acids from Leonardite*																																				

* 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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Ratio of Fertilizer to Sumitomo Biorational's Product

SOIL APPLIED

10:1

20:1

30:1

LEGEND

Compatible

Green

Needs Further Dilution

Compatible

Blue

Opaque Through 80 Mesh Screen

Not Compatible

Red



A standard jar test is recommended before tank mixing. 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.

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NUTRIENT ANALYSIS

INNOVATIVE PRODUCT SOLUTIONS

PG	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
15	 FBS Organics Humate Plus			4														10.0 - 11.5
16	 K-Surge			20				0.05						0.03				6.0 - 8.0
17	 LumaGreen												1				6	3.3
18	 Manron Foliar						3						5					1.9
18	 Manron Soil						3						5					1.9

* May vary by state.

LEGEND		Foliar Applied Nutrition
		Soil Applied Nutrition
		Foliar and Soil Applied Nutrition
		Seed Treatment

PG	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	-
19	 MicroBlend Foliar Zn-Mn-B						3	0.5					3				3	2.6
20	 MicroBlend Foliar Zn-Mn-Cu						3				1		3				3	2.5 - 3.1
20	 MicroBlend Soil Zn-Mn-Cu						3				1		3				3	2.5 - 3.1
21	 Phosron Foliar	7	21	3										0.2				7.0 - 8.0
21	 Phosron Soil	7	21											0.001			0.2	6.0 - 8.0
22	 PhotoGreen Foliar						3					5	1					2.0
22	 PhotoGreen Soil						3					5	1					1.5
30	 SuperSede Corn							0.5					0.25	0.0015			1.5	4.0 - 5.0
31	 SuperSede Cotton							1					0.25				0.25	5.5
32	 SuperSede Small Grains						1						0.9				2.25	3.5 - 4.5
33	 SuperSede Soybean							0.2		0.05				5			0.5	3.0
34	 Sweetsei	1	4	5														8.6
42	 ZiCAN Soil	2											1				6	2
42	 Zicron Foliar						3						1				6	3.1
42	 Zicron Soil						3						1				6	3.1
40	 FBS Organics Zicron						3						1				6	2.0



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.

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