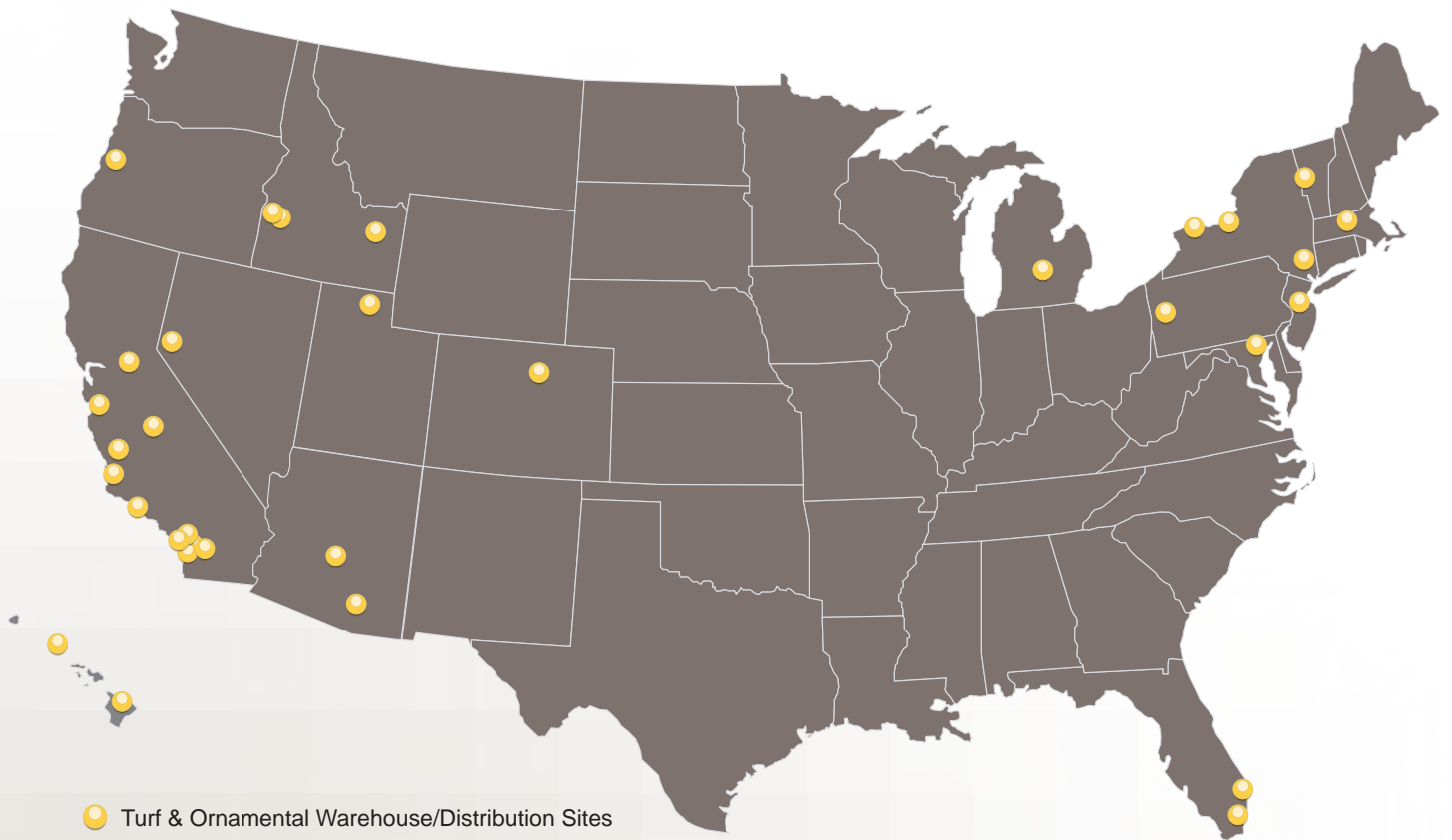




TURF & ORNAMENTAL FEATURE PRODUCTS










LOCATE A NUTRIEN SOLUTIONS BRANCH NEAR YOU.

Whether you are a lawn care or landscape professional, golf course superintendent, nursery or greenhouse grower, athletic field or sod farm manager or involved in a related specialty market, Nutrien Solutions can provide you with the professional products and services to meet your needs.

We are uniquely positioned with all major manufacturers of chemicals, fertilizers, seed and related products, allowing us to bring you a broad range of quality products. In addition, we have created our own exclusive line of premium products, many recognized as top performers in the business.

Complementing our extensive line is a staff of dedicated sales representatives who are knowledgeable about their products, as well as their intended markets. Each representative has working experience within the industry, enabling them to provide solid advice and accurate answers to your questions.

ADJUVANTS

PRODUCT		CATEGORY	PRODUCT DESCRIPTION
LIBERATE®		Penetrant	100% active, soybean-based adjuvant which increases uptake, improves droplet management and enhances activity of all pesticides. pH neutral.
LI 700®		Penetrant	Soybean-based, multipurpose adjuvant designed to reduce drift and increase penetration vs. conventional non-ionic surfactants. Reduces pH (acidifying).
MSO® CONCENTRATE with LECI-TECH		Methylated Seed Oil	Highest-quality methylated seed oil designed to increase herbicide absorption for optimum control in all conditions.
WEATHER GARD COMPLETE®		Multi-use	A proprietary crop-based formulation containing a drift-reduction agent, antifoam/defoamer, penetrant and water conditioner in one easy-to-use liquid formulation.
WIDESPREAD MAX®		100% Organosilicone Super Wetter	Premium organosilicone adjuvant designed to reduce the surface tension of the spray solution in order to maximize pesticide and nutrient spray coverage and efficacy. <i>Also available in an OMRI Organic formulation.</i>
FREEWAY®		Organosilicone Super Super Wetter	High quality non-ionic surfactant blend containing organosilicone designed to decrease surface tension of spray solution below conventional surfactants resulting in improved coverage.
FRANCHISE®		Penetrant	Specially formulated adjuvant for use when spraying Strobilurin chemistries and other general purpose fungicides on turf and ornamentals.
ACTIVATOR 90		Penetrant	A 90/10 non-ionic surfactant with defoaming agents for general use purposes.
CHOICE TRIO®		Water Conditioner	Non-AMS water conditioner that utilizes three modes of action on ALL hard water cations to maximize herbicide spray performance.
CHOICE® WEATHER MASTER		Water Conditioner	A convenient, liquid water conditioner designed to replace AMS with herbicide applications including all glyphosate formulations.

UTILITY PRODUCTS

PRODUCT	CATEGORY	PRODUCT DESCRIPTION
TURF TRAX® BLUE	Spray Pattern Indicator	Temporary spray-pattern indicator to eliminate misapplication of products and detect equipment malfunctions. Contains no dyes. TURF TRAX is totally water soluble and compatible with water-based pesticides. Cleans with soap and water.
UNFOAMER®	Antifoaming / Defoaming Agent	UNFOAMER is a highly concentrated, premium antifoaming / defoamer.
ALL CLEAR®	Tank Cleaner	Ammonia-free tank cleaner formulated to remove pesticide deposits in spray equipment.
TANK & EQUIPMENT CLEANER	Tank Cleaner	A premium, multipurpose cleaner for pesticide removal.
TUFF TRAX® TREKKER TRAX®	Foam Marker	TUFF TRAX is a highly concentrated, long lasting foam marker. TREKKER TRAX is a unique blend of ingredients that produce thick-bodied, long lasting foam.

SOIL SURFACTANTS & ACIDIFIERS

PRODUCT	CATEGORY	PRODUCT DESCRIPTION
RESPOND® 5	Treatment	RESPOND 5 is an advanced surfactant system designed with five separate surfactant chemistries creating a highly versatile product that will work under a wide variety of environmental and soil moisture conditions while performing a multitude of surfactant and water conditioning functions.
MIZER®	Injection	A concentrated blend of surfactants and polymers for application through irrigation systems.
NEPTUNE®	30-Day Preventative	Next-generation soil-wetting agent designed to improve soil-wetting and rewetting capabilities using Laminar Flow Technology.
NEPTUNE MAX	30-Day Preventative	Designed to support a high level of superior turf while producing laminar moisture throughout the root zone.
LT 120	Long-Term Preventative	120-day preventative long-term strategy for water repellency and localized dry spots. Provides penetration and uniform hydration and infiltration consistently over 120 days.
pHAcid INJECTABLE	Acidifier	A unique combination of acidifying agents combined with a multi-purpose surfactant. This combination of technologies is designed to be applied through the irrigation system to provide a proactive approach to reducing harmful salts and bicarbonates.
pHAcid SPRAYABLE	Acidifier	pHAcid SPRAYABLE is a formulation of acidifying agents combined with a multi-purpose surfactant. The frequent use of pHAcid SPRAYABLE can help neutralize bicarbonates, carbonates and improve the leaching of sodium.
REVERT	30-Day Preventative	30-day preventative short-term and reclamation treatment program strategy for water repellency and localized dry spots.
N-pHURIC 15/49	Acidifier Injection	N-pHURIC 15/49 is a chemical reaction of urea and sulfuric acid. Injection of N-pHURIC into irrigation water will reduce water pH and neutralize bicarbonates and carbonates. Please consult your Nutrien representative for rates and additional information.
PLUNGE SOIL SYRINGING PELLETS	Spot Treatment	Plunge Soil Syringing Pellets are a convenient way to quickly remedy turf showing signs of heat wilt and stress and localized dry spot conditions.

NUTRITIONALS

PRODUCT	CATEGORY	PRODUCT DESCRIPTION
ACCOMPLISH® CA <i>CA, WA, OR, NV AND AZ</i>	Fertilizer Biocatalyst	ACCOMPLISH CA is a proven biocatalyst that contains many plant beneficial compounds which improve nutrient availability and stimulate microbial activity. It also contains beneficial bacteria that positively influence the native soil microbial community in the application zone.
ACCOMPLISH® MAX	Fertilizer Biocatalyst	ACCOMPLISH MAX a proven biocatalyst that contains many plant beneficial compounds which improve nutrient availability and stimulate microbial activity. It also contains beneficial bacteria that positively influence the native soil microbial community in the application zone.
AWAKEN® 3D	16-0-2 + Micronutrients	AWAKEN 3D is a balanced micronutrient fertilizer that supports the metabolic functions of many crops and is effective at providing the plant the essential nutrients needed to help overcome stressful situations by addressing micronutrient deficiencies.
ALTURA® NST	6-20-0 .2% Zinc	ALTURA NST is a phosphate and zinc nutritional designed to provide immediately available phosphate and to maintain availability well into the growing season.
BLACKMAX 22®	0-0-4, 22% Humic	BLACKMAX 22 is a nutritional enhancement tool designed to positively impact nutrient availability and soil attributes.
FeATURE® PRO LQ	3% Fe, 3% Mn, 1% Mg	FeATURE PRO LQ is a supplemental micronutrient designed to enhance nutrient utilization. FeATURE® PRO LQ contains oligosaccharides for enhanced stress resistance and utilizes several sources of nutrients combined with various chelating and complexing compounds.
FeATURE® 6-0-0	6-0-0 10% Fe, 2.5% M	FeATURE 6-0-0 is a water soluble supplemental micronutrient formulation designed to enhance color and vigor. FeATURE 6-0-0 is available in convenient 3# or 50# bags. The micronutrients are chelated with EDDHA, EDTA and citric acid for safe and effective utilization.
IRON NITRAIN® 2.0	12-0-0 6% Fe, 3% Mn	IRON NITRAIN 12-0-0 is a supplemental liquid micronutrient formulation with high levels of iron and manganese to provide rapid green color. The addition of Nitrain 2.0 in this formulation helps reduce nitrogen volatilization common during foliar sprays.
NUTRISYNC® MICROPAC	13-0-1 2%Zn, .12%Mn, .12% Fe, .12% Cu	Liquid foliar fertilizer with micronutrients using our proprietary NUTRISYNC technology for improved nutrient assimilation and utilization.
ALPHANOVA®	4-0-2 1% Mn	ALPHANOVA is a specialty fertilizer enhanced to create plant defense enzymes and enhance nutrient uptake and overall plant efficacies. This formulation is specifically designed to activate plant triggers and promote energy to induce recovery caused by the onset of stress.
LOKOMOTIVE®	2-0-25	LOKOMOTIVE is a superior liquid potassium fertilizer derived from potassium acetate. This form of potassium provides a high level of foliar uptake with improved safety.
LEVITATE®	5-15-5 1.5% Zn	LEVITATE is a Loveland Products proprietary starter fertilizer formulated with a proven fertilizer biocatalyst as well as a blend of ACA Technology, organic acids and EDTA-chelated zinc.
MARITIME®	Kelp Extract	MARITIME is a highly soluble solution of biologically extracted kelp. MARITIME augments a balanced crop nutrition system by stimulating soil microbiota, improving plant vigor and aiding plant response during periods of stress.
TERRAMAR®	0-0-2, 0-0-4	TERRAMAR improves nutrient uptake, enhances CEC and chelation, delivers unique metabolic compounds which enhances microbial activity in the rhizosphere, and improves plant response to stressful conditions in specialty crops.
MAXIMUM N-PACT®	24-0-0	Enhanced triazone nitrogen which provides a stable source of foliar nitrogen for increased uptake, translocation of and assimilation of nitrogen — benefits include reduced volatility and excellent crop safety. 7.92% of the nitrogen is Slowly Available Nitrogen from Urea-Triazone Solution.
MAXIMUM N-PACT® K	12-0-12	MAXIMUM N-PACT K is an enhanced slow release nitrogen which provides a stable source of foliar nitrogen with the addition of potassium acetate for increased uptake, translocation and utilization of potassium, with excellent crop safety and increased stress tolerance.
SST 8% CALCIUM	8% Ca, 2% Silica	A highly advanced form of calcium designed for enhanced foliar uptake. This unique form of calcium has a lower pH and higher foliar availability than traditional forms of calcium. The silica in SST improves plant physical toughness and resistance to environmental stress.
SST 28% SILICA	28% Silica	Most liquid silicates on the market have problems with stability at pH levels below 9 and also with tank mix incompatibility. With the introduction of “Stabilized Silica Technology” (SST), Loveland Products is providing turf managers and growers with a solution to these problems.
STARPHITE®	Potassium Phosphite	STARPHITE is a nutritional supplement derived from potassium phosphite. When applied according to label directions it may be beneficial to plant growth, crop yield and quality. StarPhite contains no plant available phosphate. Multiple formulations available by State.
TITAN® XC	Biocatalyst	Specifically designed to change the way your dry fertilizer interacts with soil by expediting nutrient availability of applied dry fertilizer, enhance root growth and development, and optimize yield potential.
RADIATE® NEXT	Plant Hormone	RADIATE NEXT is a foliar plant hormone for stimulation of early and improved root and shoot development, increased vegetative growth, promotion of flowers and fruit.

PLANT PROTECTION

PRODUCT	CATEGORY	ACTIVE INGREDIENT	PRODUCT DESCRIPTION	ADJUVANT
RAMPART®	Fungicide	Phosphorous Acid	RAMPART is a fungicide for the control of downy mildew, phytophthora, pythium and various other diseases on turf, ornamental and agricultural crops.	
INITIATE® 720	Fungicide	Chlorothalonil	INITIATE 720 is a broad-spectrum fungicide that controls a variety of foliar diseases in turf and ornamental crops. Not for use on residential lawns. Please read label for full use restrictions.	
FITNESS®	Fungicide	Propiconazole	A proprietary EC Propiconazole providing broad-spectrum disease control (both curative and preventative), while minimizing risk and enhancing overall turf performance.	
CHASER® 2 AMINE	Herbicide	2,4-D, Triclopyr	A superior broadleaf herbicide. Its amine based formulation controls a wide spectrum of broadleaf weeds, including hard-to-kill weeds.	
CHASER® TURF HERBICIDE	Herbicide	2,4-D ester, Triclopyr	A superior cool weather broadleaf herbicide. Its ester based formulation controls a wide spectrum of broadleaf weeds, including hard-to-kill weeds.	
EVADE® 4L	Herbicide	Prodiamine	A selective pre-emergent herbicide for season-long control of broadleaf weeds and grassy weeds in established turf and ornamentals.	
MAKAZE®	Herbicide	Glyphosate	MAKAZE is a fully loaded glyphosate providing superior penetration into the leaf surface enabling greater uptake, translocation and rainfastness for a complete kill.	 OR 
MEC AMINE-D®	Herbicide	2,4-D, MCPP, Dicamba	Three-way post-emergent broadleaf herbicide. Effective and economical control in varying temperatures.	
BISECT® L	Insecticide	Bifenthrin	Broad-spectrum control of insects in turf and ornamentals. Not for use on golf courses or ornamental nurseries. Please see label for additional restrictions.	
MALICE® 2F	Insecticide	Imidacloprid	MALICE 2F is a effective broad-spectrum systemic insecticide for use on turf and ornamentals. Flowable liquid formulation.	
CARBARYL 4L	Insecticide	Carbaryl	CARBARYL 4L is a suspension of a microfine carbaryl insecticide in an aqueous medium.	
SNIPER HELIOS®	Insecticide	Bifenthrin	SNIPER HELIOS is a premium insecticide/miticide with extended performance with HELIOS UV protection.	
GAMEUP®	Plant Growth Regulator (PGR)	Trinexapac	Plant-growth regulator containing a proprietary formulation of the active ingredient Trinexapac-ethyl, with provide increased stress resistance and a reduction in clipping yields.	



www.NutrienSolutions.com

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