



Golf and Sportsturf

Product Catalog

LebanonTurf's advanced fertilizers, bionutritional products and grass seed have been helping turf professionals produce healthy turf and plants for more than 40 years. LebanonTurf is the only company that offers both microbiological components along with advanced controlled release fertilizer products.



Best of All Worlds®

www.LebanonTurf.com 1-800-233-0628

LebanonTurf Technologies

LebanonTurf continues to explore and develop the industry's most advanced turf management technologies to deliver the ultimate in efficient, cost effective lawn care operations. Our technologies are recognized by landscapers and turf managers as proven applications of science and experience at work.

MESA
Patented Controlled Release Nitrogen

MESA is a unique nitrogen source that combines ammonium sulfate with methylene urea in a single, homogeneous particle. The result is an extremely efficient and controlled nitrogen source that produces consistent, dark green color without surge growth. Unlike coated nitrogen technologies, MESA does not lose its slow-release properties when cracked, chipped, crushed or broken. *MESA technology is found in our Country Club® and ProScape® brand.*

METH-EX 40

Meth-Ex 40 is a high activity methylene urea nitrogen source that provides extended turf feeding without the need for coatings. Microbial release allows Meth-Ex 40 to release nitrogen when the turf needs it the most. The result is a quick color response with no surge growth and a consistent and reliable long-term feeding schedule. *Meth-Ex 40 technology is found in our ProScape and Country Club® brands.*

expo
POTASSIUM
SULFATE

Expo is LebanonTurf's patented, single-particle, extended release potassium sulfate technology. Expo is designed to deliver potassium to the turf in a reliable and predictable rate over a longer period of time, well beyond that of the standard potassium sulfate found in most fertilizers. Additionally, Expo delivers controlled release nitrogen. *Expo is found in our ProScape brand.*

MD
Maximum Dispersion

MD (Maximum Dispersion) Technology is uniquely formulated process that produces a highly dispersible homogeneous particle that delivers optimum nutrients and stress-buffering biostimulants in a single application. Turf treated with sea plant kelp meal and humic acid will outperform untreated turf in overall quality and playability during stressful conditions. *MD technology is found exclusively in our Country Club brand.*

**COMPOSITE
TECHNOLOGY**

Patented Composite Technology fertilizer manufacturing process produces a superior fertilizer by fusing premium forms of nitrogen with phosphorus, potassium and select micronutrients. This revolutionary process creates a unique homogeneous granule with improved particle dispersion and integrity, along with a higher nitrogen activity. *Composite Technology is found in our Country Club brand.*

**CHELATION
TECHNOLOGY**

Chelating nutrients allows elements that would normally be tied up in soils to become available for plant uptake. This availability of nutrients to plants that are deficient or under stress is important to a plant's performance and health. *Chelation Technology is found in our ROOTS® brand.*

**MICROBIAL
TECHNOLOGY**

A healthy microbial environment in a soil profile is necessary for overall plant health. LebanonTurf's unique soil microbe complexes can enhance nutrition, improve soil physics or protect from disease. Microbes aren't just beneficial, they're essential. *Microbial Technology is found in our ROOTS brand.*

**MYCORRHIZAL
TECHNOLOGY**

Mycorrhizal fungi expand rooting capabilities supplement the plants the ability to take in necessary water, nutrients and micronutrients that would otherwise not be available. Incorporating a diverse population of mycorrhizal fungi at planting time, increases plant performance and survival. *Mycorrhizal Technology is found in our ROOTS brand.*

Product Lines

Country Club®

Country Club is LebanonTurf's flagship homogeneous and blended fertilizer line for golf course superintendents and turf management professionals. Country Club combines traditional high-WIN products with both our next-generation MD (Maximum Dispersion) Technology and our trusted Composite Technology granulation process.

Item #	Item Description	Appox. Sq.Ft. Covered/ Bag	Lbs. Product /1000 Sq. Ft.	Lbs. Product /Acre	Nutrients lbs. / 1000 Sq. Ft.		
					N	P	K
Country Club MD - Micro Greens Grade SGN 80 - 40 lb. Bags / 50 Bags per Pallet							
2129078	11 7 21 50% Meth-Ex 2% Fe + Micros	10,500	4.8	209	0.53	0.34	1.01
2135736	12 0 24 55% Meth-Ex	12,000	4.2	183	0.50	0.00	1.00
2129076	12 24 8 35% Meth-Ex	12,000	4.2	183	0.50	1.00	0.34
2129072	14 7 14 60% Meth-Ex 2% Fe + Micros	8,000	6.4	278	0.90	0.45	0.90
2135734	18 0 18 56% Meth-Ex	10,000	5.0	218	0.90	0.00	0.90
2129074	18 3 18 67% Meth-Ex 1.5% Fe + Micros	10,000	5.0	218	0.90	0.15	0.90
2135737	22 0 16 80% Meth-Ex	21,750	4.1	178	0.90	0.00	0.65
Country Club MD - Micro Mid Grade SGN 125 - 50 Lb. Bags / 45 Bags per Pallet							
2135769	21 0 15 75% Meth-Ex 3% Fe	11,500	4.3	187	0.90	0.00	0.64
Country Club Composite - Greens Grade SGN 100 - 50 lb. Bags / 45 Bags per Pallet							
2142760	12 24 8 Ammoniacal 1.5% WIN	12,000	4.20	182	0.50	1.00	0.33
2135730	16 0 8 Ammoniacal	16,000	3.10	135	0.50	0.00	0.25
2135509	18 3 18 4.5% WIN	9,000	5.60	242	1.00	0.17	1.00
2142758	19 0 19 1.3% Fe 3.6% WIN	9,500	5.30	230	1.00	0.00	1.00
2135732	22 0 16 4.4% WIN	11,000	4.50	196	1.00	0.00	0.72
Country Club Composite - Tee and Fairway Grade SGN 145 - 50 Lb. Bags / 45 Bags per Pallet							
2135603	8 4 24 1.6% WIN	12,000	4.20	182	0.33	0.17	1.00
2135577	18 4 12 3.1% WIN	9,000	5.60	242	1.00	0.22	0.67
2140590	26 0 5 8.0% WIN	13,000	3.80	166	1.00	0.00	0.19
2135763	27 0 5 MESA/EXPO	13,500	3.70	161	1.00	0.00	0.19
Country Club Composite - Rough Grade SGN 195 - 50 Bags / 45 Bags per Pallet							
2135573	13 25 12 AM Starter MOP	12,500	4.00	175	0.52	1.00	0.48
2141663	21 3 18 5.5% WIN	10,500	4.80	207	1.00	0.14	0.86
Country Club Blended - Greens Grade SGN 100 - 50 Lb. Bags / 45 Bags per Pallet							
2235738	10 0 20 100% Meth-Ex SOP	10,000	5.0	218	0.50	0.00	1.00
2252010	16 0 39 50% Meth-Ex SOP	14,750	3.4	148	0.54	0.00	1.00
2235742	17 0 5 50% Meth-Ex SOP	8,500	6.0	260	1.00	0.00	0.30
2235755	20 0 10 75% Meth-Ex SOP	10,000	5.0	218	1.00	0.00	0.50
2235758	23 0 22 72% Meth-Ex SOP	11,500	4.3	189	1.00	0.00	0.95
Country Club Blended - Tee and Fairway Grade SGN 145 - 50 Lb. Bags / 45 Bags per Pallet							
2235743	17 0 17 67% Meth-Ex	8,500	5.90	256	1.00	0.00	1.00
2235750	19 0 19 100% MESA 3% Fe	9,500	5.30	230	1.00	0.00	1.00
2235760	25 0 15 41% Meth-Ex 100% EXPO	12,500	4.00	175	1.00	0.00	0.60
Country Club Blended - Rough Grade SGN 195 - 220 - 50 Bags / 45 Bags per Pallet							
2235745	17 0 20 67% CRN 50% EXPO	8,500	5.90	256	1.00	0.00	1.18
2235756	21 0 10 58% MESA	10,500	4.70	207	1.00	0.00	0.48

Products in BLUE were previously sold in the NX-PRO product line.



ProScape fertilizers and fertilizer combination products offer the Turf Manager a wide selection of fertilizer products, along with easily and accurately applied fertilizer combination weed and insect controls. In the ProScape brand of products you'll find exclusive technologies such as Meth-Ex 40, a high efficiency methylene urea and MESA, a specially formulated nitrogen known for delivering brilliant color response.

Item #	Item Description	Appox. Sq.Ft. Covered/ Bag	Lbs. Product /1000 Sq. Ft.	Lbs. Product /Acre	Nutrients lbs. / 1000 Sq. Ft.			Lbs. Act. Ingredient /Acre
					N	P	K	
Straight Fertilizer - Mid Grade SGN 145 - 50 lb. Bag								
2153741	10 18 18 2.2 WIN	9,000	5.60	242	0.56	1.00	1.00	NA
2153742	16 4 8 Ammoniaval 1% Fe	8,000	6.20	272	1.00	0.25	0.50	NA
2253717	20 0 10 60% MESA 100% EXPO	11,000	4.50	196	0.90	0.00	0.45	NA
2253739	22 0 16 24% MESA 65% EXPO	12,250	4.10	179	0.90	0.00	0.66	NA
2154241	20 0 25 100% EXPO® SOP	10,000	5.00	218	1.00	0.00	1.25	NA
2154292	40 0 0 100% Meth-Ex 40*	20,000	2.50	109	1.00	0.00	0.00	NA
Straight Fertilizer - 50 lb. Bag - SGN 195 - 220								
2154489	12 25 12 Homogeneous AM MOP**	12,500	4.00	175	0.48	1.00	0.48	NA
2253648	16 25 12 25% MESA	12,500	4.00	175	0.64	1.00	0.48	NA
2153729	19 0 9 5.5 WIN	9,500	5.25	229	1.00	0.00	0.47	NA
2253621	19 0 19 62% MESA 3% Fe SOP	9,500	5.25	229	1.00	0.00	1.00	NA
2254316	20 0 5 30% MESA 1% Fe	10,000	5.00	218	1.00	0.00	0.25	NA
2253606	20 0 10 40% MESA 1% Fe SOP	10,000	5.00	218	1.00	0.00	0.50	NA
2154242	20 0 25 100% EXPO SOP	12,500	4.00	175	0.80	0.00	1.00	NA
2253737	22 0 12 50% Meth-Ex	11,000	4.50	198	1.00	0.00	0.55	NA
2254318	25 0 5 51% MESA 1% Fe	12,500	4.00	175	1.00	0.00	0.20	NA
2153629	25 0 12 67% CRN EXPO SOP/ MESA	12,500	4.00	175	1.00	0.00	0.48	NA
2253745	28 0 14 29% Meth-Ex	11,000	4.50	198	1.00	0.00	0.48	NA
2253734	29 0 10 36% MESA	14,500	3.45	150	1.00	0.00	0.34	NA
2154257	30 0 0 100% MESA	15,000	3.33	145	1.00	0.00	0.00	NA
2254324	32 0 6 30% MESA	16,000	3.13	136	1.00	0.00	0.19	NA
2154276	40 0 0 100% Meth-Ex 40*	20,000	2.50	109	1.00	0.00	0.00	NA
Fertilizer with Organic Base - 50 lb. Bag								
2154281	6 1 11 Organic Biosolid 7% Complex Fe	10,000	5.00	218	0.30	0.05	0.55	NA
2158145	9 2 5 Organic Biosolid 6% Complex Fe	10,000	5.00	218	0.45	0.10	0.25	NA
2253626	15 2 8 Organic Base 30% MESA	7,500	6.65	290	1.00	0.13	0.53	NA
Fertilizer with Pre + Post Herbicide - 40 lb. Bag- SGN 200 - 220								
2253703	19 0 6 .17 Dimension®/LockUp® 40% MESA	11,500	3.50	150	0.66	0.00	0.21	Dimension .225 LockUp 1.695
2153564	19 0 6 .16 Dimension/Trimec® 33% MESA	11,500	3.50	150	0.66	0.00	0.21	Dimension .24 Trimec 1.26
2153580	19 0 6 .145 Dimension/Confront® 33% MESA	11,500	3.50	150	0.66	0.00	0.21	Dimension .218 Confront 3 1.949

Product Lines

Item #	Item Description	Appox. Sq.Ft. Covered/ Bag	Lbs. Product /1000 Sq. Ft.	Lbs. Product /Acre	Nutrients lbs. / 1000 Sq. Ft.			Lbs. Act. Ingredient /Acre
					N	P	K	
Fertilizer with Preemergent Herbicide - 50 lb. Bag - SGN 200 - 220								
2254326	16 0 8 43% MESA .38 Barricade® MOP	12,750	3.90	170	0.62	0.00	0.32	0.65
2254269	16 0 8 43% MESA .43 Barricade MOP	14,750	3.40	150	0.55	0.00	0.28	0.57
2253602	18 0 5 25% MESA .09 Dimension MOP	15,500	3.20	140	0.58	0.00	0.16	0.13
2253590	15 0 5 40% MESA .13 Dimension MOP	15,500	3.20	140	0.48	0.00	0.16	0.18
2253651	20 0 8 40% MESA .13 Dimension	15,500	3.20	140	0.64	0.00	0.26	0.18
2253589	22 0 6 40% MESA .13 Dimension MOP	15,500	3.20	140	0.71	0.00	0.19	0.18
2253653	5 0 20 All Mineral 1% Ronstar®	11,000	4.60	200	0.23	0.00	0.92	2.00
2253657	20 0 8 40% MESA 1% Ronstar	11,000	4.60	200	0.92	0.00	0.37	2.00
2254271	16 0 8 43% MESA .86 Team® Pro	12,500	4.00	175	0.64	0.00	0.32	1.50
2141627	12 24 11 AM Tupersan® Pro 3.71% MOP	10,000	5.00	220	0.60	1.20	0.55	8.16
Fertilizer with Postemergent Herbicide - 40 lb. Bag - SGN 200 - 220								
2254386	0 0 7 LockUp SOP	11,500	3.40	150	0	0.00	0.24	1.70
2154348	19 0 7 .68 Confront	11,000	3.60	160	0.70	0.00	0.26	1.09
2254361	19 0 6 33% MESA with LockUp	11,750	3.40	150	0.65	0.00	0.21	1.70
2253597	20 0 7 25% Meth-Ex 40 Trimec	10,000	4.00	175	0.80	0.00	0.32	1.26
2154337	20 0 8 53% CRN Trimec (50 lb. bag)	15,500	3.20	140	0.64	0.00	0.26	1.26
Fertilizer with Insect Control - 50 lb. Bag - SGN 200 - 220								
2253714	16 0 8 30% MESA .225% Allectus™	13,500	3.67	160	0.59	0.00	0.29	0.36
2253682	10 0 4 30% MESA .3% Merit® (23 lb. bag)	10,000	2.30	100	0.23	0.00	0.09	0.30
2254686	15 0 5 40% MESA .2% Merit MOP	14,250	3.50	150	0.52	0.00	0.17	0.30
2254314	20 0 5 30% MESA .2% Merit	14,250	3.50	150	0.69	0.00	0.17	0.30
2254304	16 0 8 43% MESA .069% Bifenthrin®	15,000	3.33	145	0.53	0.00	0.27	0.10
2253751	15 0 5 40% MESA .067% Acelepryn	14,500	3.44	150	0.52	0.00	0.17	0.10
2253753	20 0 5 30% MESA .067% Acelepryn	14,500	3.44	150	0.69	0.00	0.17	0.10

Products in GREEN were previously sold in the NX-PRO or Country Club product lines.

* Available in 2,000 lb. tote

** Available in 40 lb. bag



The ROOTS brand of biologically enhanced nutrients merges nature and technology to offer leading-edge solutions for turf and plant care. ROOTS products provide an all-in-one nutrient delivery system that feeds the plant while enhancing the biological life of the soil and plant ecosystem. Turf professionals, landscapers, growers, arborists, and nurseries trust ROOTS to provide consistent color response, improved turf density and enhanced root mass. ROOTS feature mycorrhizal fungi and naturally-occurring beneficial bacteria to put back into the soil what man-made processes have removed.

Item #	Description	Main Use	Size	Pkg	Pallet
Liquid Products					
3756549	1>2>3® Premix Plus 1-2-3 *	Turf	2.5 gal	2 per case	36 cases
3757002	AGRIplex® micro-mix 0-3-5 *	Trees, Shrubs, Flowers, Turf	2.5 gal	2 per case	36 cases
1556786	EcoGuard® Biofungicide *	Turf Biofungicide EPA Registered	2.5 gal	2 per case	36 cases
3756986	Fe-8®% Iron Chelate 0-5-8 *	Trees, Shrubs, Turf	2.5 gal	2 per case	36 cases
3756422	Fe-6% Plus 6-0-2 *	Turf	2.5 gal	2 per case	36 cases
2756958	ironROOTS® 0-2-4	Trees, Shrubs, Turf	2.5 gal	2 per case	36 cases
3757160	KCS 2-2-14	Turf	2.5 gal	2 per case	36 cases
3757016	LAWNplex® 4-4-5 *	Turf	2.5 gal	2 per case	36 cases
2756945	ROOTS Concentrate 1-0-3 *	Trees, Shrubs, Flowers, Turf	2.5 gal	2 per case	36 cases
3756554	TurfVigor® 9-3-6 *	Turf	2.5 gal	2 per case	36 cases
3724562	Yuccah® *	Wetting Agent	2.5 gal	2 per case	18 cases
Planting & Transplanting Products					
2724622	Tree Saver®*	Shrubs, Trees	30 x 3 oz. pks	5 bags	36 cases
2724388	Turf Saver®	Turf	50 lb. box		36 cases
2757078	Transplant 1-Step® Granular 2-2-2 *	Flowers, Shrubs, Trees	4 oz.	60 pks / bk	64 buckets
2724625	Plant Saver® 4-7-4 *	Flowers, Shrubs, Trees	10 lb. bag	5 bags	36 cases
2724624	Palm Saver® 6-3-6 *	Palms	8 lb. bag	5 bags	36 cases
2724569	Humex	Improves all soil conditions	50 lb. box		20 boxes
Arbor Products (Injectibles, Drench and Auger Applications)					
2724637	Trees 11-22-22 *	Trees, Shrubs	8 lb. bag	5 bags	30 cases
2724638	Trees 11-22-22 SRN *	Trees, Shrubs	8 lb. bag	5 bags	30 cases
2724636	Trees 27-9-9	Trees, Shrubs	8 lb. bag	5 bags	30 cases
Water Soluble					
2724629	BioPak® *	Trees, Shrubs, Flowers, Turf	1 lb.jar	12 jars	45 cases
2757036	mycorrhizaROOTS® Soluble	Trees, Shrubs	1 lb. bag	24 / case	48 cases
2757052	ironROOTS® w/ mycorrhiza 0-2-8	Trees, Shrubs	1 lb. bag	24 / case	48 cases
2724631	BioPak® Plus 3-0-20 *	Trees, Shrubs, Flowers, Turf	1 lb. bag	12 bags	45 cases
2724641	Flexx® 3-0-20	Turf	8 lb. bag	5 bags	36 cases
3756929	SOLUplex® Soluble 4-0-0	Turf	15 lb.	1 bag	100 bags
2757055	TotalTree® 20-4-10	Trees, Shrubs	15 lb.	1 bag	100 bags
Specialty Products					
2724640	Complete® Plus	Soil Inoculant	5 x 1/2 lb. co-pks	5 bags	36 cases
1524658	Employ® (Biochemical Pesticide)	Trees, Shrubs, Turf	10 x 2 oz. pks	4 bags	54 cases
2724648	BioPam™	Hydroseeding	5 lb. box	4 boxes	45 cases
2724647	TerraPam™	Hydroseeding	6 lb. box	4 boxes	45 cases

Product Lines

Item #	Description	Main Use	Size	Pkg	Pallet
Dry Granular Products					
2757220	dryROOTS® 3-3-3	Trees, Shrubs, Flowers, Turf	25 lb.	1 bag	80 bags
2724265	Healthy Start® 3-4-3	Trees, Shrubs, Flowers, Turf	25 lb.	40 bags	40 bags
2724634	Natural Start® 3-4-3	Trees, Shrubs, Flowers, Turf	5 lb.	5 bags	36 bags
2724270	Azaleas & Rhododendrons 3-4-4	Trees, Shrubs	25 lb.	40 bags	40 bags
2757141	M-Roots® 3-3-3	Trees, Shrubs	25 lb.	1 bag	80 bags
2757134	endoROOTS® Fine Granular 3-4-4	Turf	50 lb.	1 bag	40 bags
2756898	Plant Food 7-7-7 Coarse	Trees, Shrubs, Flowers	40 lb.	1 bag	50 bags
2756533	Turf Food 7-7-7 Coarse	Turf	50 lb.	1 bag	40 bags
2756514	Turf Food 8-0-6 Fine	Turf	50 lb.	1 bag	40 bags
2756515	Turf Food 8-0-6 Coarse	Turf	50 lb.	1 bag	40 bags
2724282	Turf Food 8-2-2 Coarse	Turf	50 lb.	40 bags	40 bags
2756521	Turf Food 12-0-12 Fine	Turf	50 lb.	1 bag	40 bags
2756522	Turf Food 12-0-12 Coarse	Turf	50 lb.	1 bag	40 bags
2724283	Turf Food 14-0-2 Coarse	Turf	50 lb.	40 bags	40 bags
2756826	Turf Food 15-3-8 Coarse	Turf	50 lb.	1 bag	40 bags
2757127	Turf Food 15-0-8 Fine	Turf	50 lb.	1 bag	40 bags
2757128	Turf Food 15-0-8 Coarse	Turf	50 lb.	1 bag	40 bags
Water Improvement					
1424651	Mosquito Dunks®	Ponds	20 dunks / card	5 cards	
2724649	Pond Saver®*	Ponds	1 lb. jar	12 jars	45 cases

* Available in additional packaging sizes.

GRASS SEED



- Top ranked for overall turf quality
- Top ranked for dollar spot resistance
- Top ranked for mowing quality
- Top ranked for summer density
- Excellent resistance to brown patch
- Top ranked for fine leaf texture
- Ideal for fairways, greens, and tees

Available in 25 lb. buckets
Item #: 58-66863

LebanonTurf's wide selection of award-winning seed varieties deliver quality and performance. LebanonTurf's varieties exhibit traits that resist disease and insects, improve durability and enhance color.



- Ideal for fairways, tees, and greens
- Aggressive lateral spreading ability and lower growing with medium shoot density
- Top rated for turf quality on greens under AMMI 1
- Highly rated for dollar spot resistance
- Ranked #1 for fall density on fairways
- Tied for #1 in shade trial
- Top rated for wear tolerance on fairways

Available in 25 lb. buckets
Item #: 58-66965



- Top ranked for turf quality
- Vibrant, medium green color
- Shade and drought tolerant
- Top ranked under low maintenance
- Top ranked for winter color
- Top ranked for brown patch
- Very smooth putting surface

Available in 25 lb. buckets
Item #: 58-66864

LebanonTurf provides innovative and high performance products to the golf and landscape industries in North America and around the world. A division of Lebanon Seaboard Corporation (www.lebsea.com) LebanonTurf is an industry leader in producing advanced technology fertilizers, grass seed and biological products. Golf course superintendents, lawn care operators, professional landscapers and sports turf managers count on LebanonTurf brands: ProScape®, Lebanon® Pro, Country Club®, NX-PRO®, Penmulch®, Roots®, PHC® and Emerald Isle Solutions™ to help them be successful in their endeavors to create and maintain the best quality turf, plants and trees.

LebanonTurf stands out as the only company in its industry offering both microbiological components along with advanced controlled release fertilizer products delivered as part of an integrated systems approach to turf and plant care needs. In addition, the company's highly-rated grass seed products are available as mixes, blends and in straight varieties. With a network of more than 300 distributors, LebanonTurf products are available throughout the U.S. and in a growing number of international locations.

LebanonTurf has large modern distribution centers in Lebanon, PA and Danville, IL along with direct shipment capability from production facilities in New York, Indiana, Virginia and Oregon. The distribution efficiency of LebanonTurf is unmatched in the industry.



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