

*The  
Connecticut  
Agricultural  
Experiment  
Station,  
New Haven*

Analysis of  
Fertilizers Sold  
in Connecticut  
1999

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From January 1, 1999 to December 31, 1999 the Department of Analytical Chemistry at The Connecticut Agricultural Experiment Station analyzed 185 samples of fertilizers available for sale in Connecticut. Samples included products offered for sale to commercial agricultural operations as well as products for household use. The analyses are intended to determine that the products are in accordance with the stated label guarantees. The samples were collected by John Schneider and Alton van Dyke of the Connecticut Department of Agriculture and were analyzed by Craig Musante and Mamie Pyles under the direction of Dr. David Stilwell.

Products from 33 manufacturers are included in Table 1. A total of 51 samples (28%) were determined to be deficient. Specifically, 16 were deficient in nitrogen (9%); 9 were deficient in phosphorus (5%); and 23 were deficient in potassium (12%). Fourteen samples (8%) were deficient in one or more micronutrients (Table 2). A parameter is considered to be unsatisfactory if the value is below the guaranteed value by more than the permissible percentage established by the Association of American Plant Food Control Officials. The results of the analyses are summarized in the tables. All results are in percent values unless otherwise indicated. Deficiencies are indicated by a minus (-) sign next to the found percent values shown in the columns headed by %F or next to the micronutrient values. The label guarantee is specified in the columns headed by %G.

**Table 1. Fertilizer Samples Analyzed in 1999.**

Sample description	Nitrogen		P <sub>2</sub> O <sub>5</sub>		K <sub>2</sub> O	
	%G	%F	%G	%F	%G	%F
<b>Agriturf, Inc.</b>						
Agriturf Premium	24	24	12	11.5	18	18.8
Agriturf Fertilizer	19	20.3	19	25.8	19	19
Agriturf Fertilizer	10	11.9	20	24.3	20	16-
Agriturf 50% Slow Release N	10	12.2	6	7.2	4	3.8
Agriturf Fertilizer	10	5.7-	10	0.9-	10	12.1
Agriturf Fertilizer	15	14.7	15	16.9	15	15.2
Agriturf Custom	8	8.6	6	8.9	8	8.2
Agriturf Fertilizer	10	9.8	20	18.7-	10	11
<b>Agway</b>						
Agway Bulk Blend	30	34.3	0		20	21.5
Agway Garden Plant Food	5	5.5	10	11.7	5	5.4
Agway Greenlawn Lawn Starter Fertilizer	13	13.4	25	26.5	12	11.7
Agway Greenlawn Lawn Fertilizer	32	32.2	3	3.3	5	5.9
Agway Stage 4 Winterizer Fertilizer	25	29.3	3	2.5	13	12.6
Agway Bulk Blend	24	25.1	12	12.5	18	17.7
Agway Bulk Blend	0		11	12.5	44	42.8
Agway Bulk Blend	23	20.3-	3	3.7	26	30.5
Agway Bulk Blend	28	29.5	9	10.6	14	14
Agway Bulk Blend	24	23.8	12	14	18	18.1
Agway Bulk Blend	18	27.3	1	1.4	10	9.5
Agway Bulk Blend	24	26.6	12	13.3	18	17.5
Agway Blend-Rite	10	11.9	20	24	10	9.8
Agway Blend-Rite	24	32.5	12	9.8-	18	9.2-
Agway Blend-Rite with Corn Mix	10	11.3	20	21.6	10	10.4
Agway Blend-Rite	18	21.7	18	17.6	18	17.1
Agway Early Edge	10	10.6	20	27.2	10	9.9
Agway Early Edge Crop Starter	13	13.8	13	14.8	13	14.4
Agway All-Purpose	10	12.1	10	10.4	10	10.8
Agway Bulk Blend	18	16.7-	18	18.8	18	19.9
Agway Bulk Blend	18	21.75	18	21.5	18	13-
Agway Bulk Blend	5	5.6	7	8.3	45	43.7
Agway Bulk Blend	23	29.6	12	14.4	18	11.8-
Agway Bulk Blend	0		11	12.4	44	46.4
Agway Bulk Blend	38	39.3	2	3.5	7	6.9
Agway Bulk Blend	19	18.6	10	11.8	19	21.1
Agway Garden Plant Food	5	6.6	10	13.2	5	5
Agway Blend-Rite	15	26.9	8	8.6	12	12
Agway Blend-Rite	5	5.3	10	11.1	10	9.1-
Agway Blend-Rite	28	32.2	7	4.9-	14	8.7-
Agway Blend-Rite	20	25.5	10	8.7-	18	10.7-
Agway Bulk Blend	24	24.9	9	10.8	19	18.1
Agway Bulk Blend	20	18.8-	7	8	26	31.9
Agway Bulk Blend	24	23.9	12	12.4	18	18.8
Agway Bulk Blend	21	23.8	4	5.5	27	27.3
Agway Bulk Blend	34	35.8	6	4.8-	10	7.6-
Agway Bulk Blend	32	32.1	3	5.4	15	15.6
Agway Bulk Blend	26	26.4	13	16.4	13	14.5

**Table 1. Fertilizer Samples Analyzed in 1999 (continued).**

Sample description	Nitrogen		P <sub>2</sub> O <sub>5</sub>		K <sub>2</sub> O	
	%G	%F	%G	%F	%G	%F
Agway Bulk Blend	23	17-	12	23.3	18	21.1
Agway Bulk Blend	35	38	0	0	14	13.5
Agway Bulk Blend	21	21.7	2	4	14	19.1
Agway Bulk Blend	25	29.7	2	2.8	19	18
Agway Bulk Blend	16	15.4	1	2	9	10.2
Agway Bulk Blend	16	22.7	1	2.5	12	13.7
Agway Blend-Rite	12	16.9	8	11.5	9	11.7
Agway Blend-Rite	28	31	7	9.9	14	13.9
Agway Bulk Blend	24	19.8-	12	14.9	18	22.2
Agway Bulk Blend	0	0	16	21.2	38	38.2
Agway Bulk Blend	11	11.9	23	29	23	23.7
Agway Bulk Blend	27	27.9	8	10.8	16	16.2
Agway Bulk Blend	26	26.3	8	11.4	17	20.1
Agway Bulk Blend	24	21.9	12	18.3	16	19.2
Agway Bulk Blend	20	20.9	10	11.1	16	16.7
<b>AH Hoffman Consumer Products</b>						
Country Cottage Garden Fertilizer	5	5.6	10	9.4	5	5.9
Country Cottage Plant Starter	5	5.3	20	21.8	10	11.7
Country Cottage Poultry Manure	4	4.1	2	2	2	3.5
Country Cottage Azalea, Rhododendron & Evergreen Food	10	10.9	7	10.6	7	8.23
Hoffman Holly Food	4	3.9	6	7	4	3.9
<b>Bonide Products, Inc.,</b>						
Bonide Plant Starter	3	3	10	9.8	3	3.35
<b>Carolina Eastern-Vail, Inc.</b>						
Carovail Fertilizer	10	10.8	10	12.6	10	8.8-
<b>Crop Production Services</b>						
CPS Bulk Blend	16	19.2	0		39	42.8
CPS Bulk, 50% Slow Release Nitrogen	26	27.95	0		26	28.5
CPS Bulk Jump Start	9	10.2	24	28.2	14	14.6
CPS Bulk Blend	12	14.7	15	18.6	15	14.3
CPS Bulk Blend	19	21.9	7	9.5	28	28.9
CPS Bulk Blend	24	26.6	12	14	18	18.2
CPS Bulk Blend	26	30.95	0		26	25.7
CPS Bulk Blend	26	26.7	0		26	27.5
CPS Fertilizer	15	15.9	15	17.7	15	15.3
CPS Fertilizer	15	10.3-	8	6.9-	12	13.3
Village Green Professional Turf Food	10	10	6	5.5	4	3.1-
CPS Tobacco Fertilizer	10	11.45	8	9.9	10	9.6
Village Green Professional, 50% Slow Release N	20	21	10	13.6	10	9.3
CPS Fertilizer	10	11.9	20	31.6	10	9.9
CPS Fertilizer	10	11.4	10	10.2	10	11.3
Village Green Professional	5	6.2	10	13.2	5	5.5
CPS Corn Starter	10	11.7	20	28	10	9.9
CPS Premium Jump Start	9	12	24	33	14	11-
Village Green Professional Turf Food	25	23.5-	5	6.5	5	4.4-
CPS Fertilizer	20	22.1	5	5.8	25	25.4

**Table 1. Fertilizer Samples Analyzed in 1999 (continued).**

Sample description	Nitrogen		P <sub>2</sub> O <sub>5</sub>		K <sub>2</sub> O	
	%G	%F	%G	%F	%G	%F
<b>DeCran Ag. Supplies</b>						
DeCran Deluxe	10	11.3	6	6.7	4	3.7
DeCran Deluxe	5	6.8	10	12.5	5	5.4
DeCran Deluxe	10	13.8	10	10.9	10	8.2-
<b>Frank's Nursery &amp; Crafts, Inc.</b>						
Frank's Fall Lawn Food	26	26.5	4	5.5	14	13.1
Frank's Lawn Food	32	33.9	4	4.3	8	7.4
Frank's Garden Food	5	7	10	12.4	5	5.2
Frank's All Purpose Lawn & Garden Food	12	12.25	12	12.7	12	12.7
<b>Free-Flow Fertilizer</b>						
Nurserymen's Professional Premium Lawn Fertilizer	30	31	3	3.9	15	14.7
Nurserymen's Professional Season Long Plant Food	11	11.3	22	26.2	22	22.3
Garden Fertilizer	5	5.1	10	11.7	5	5
<b>Green Mountain Fertilizer, Div. LD Oliver Seed Co.</b>						
GMF Fertilizer	18	19.9	25	32.4	12	11.5
GMF Fertilizer	30	28.5	5	6	10	11.3
GMF Fertilizer	10	10.7	6	9	4	5.1
GMF Fertilizer	5	6.55	10	17.4	10	13.1
<b>Helena Chemical Co</b>						
Meister Programmed Release Fertilizer	18	20.1	6	8.4	12	11.6
<b>Jonathan Green Inc.</b>						
Jonathan Green Winter Survival Fertilizer	10	9.7	18	20.3	20	21.7
Jonathan Green New Seedling Fertilizer	14	15.2	28	30.4	15	15.1
Jonathan Green Green-Up Lawn Fertilizer	30	33.3	5	6.6	5	3.7-
<b>Lebanon Seaboard Corp.</b>						
Greenview Winter Green Fall Fertilizer	10	10.4	16	14.8-	20	24.4
Greenview Green Start Starter Fertilizer	10	13.5	18	17.7	10	11.6
Greenview Green Power Lawn Fertilizer	30	30.5	4	4.7	4	5.9
Turf Master Lawn Food	27	30.5	3	3.7	3	3.5
Green Gold Re-Nu Seed Starter Fertilizer	11	12.2	23	25.6	10	12.6
Lebanon Vegetable Garden Food	5	5.1	10	11	10	9.8
Lebanon Lawn & Garden Food	5	6.7	10	13.2	5	7
Greenview Fertilizer	10	10	10	11.4	10	11.2
Greenview	5	6.75	10	10.2	5	5.5
Re-Nu Seed Starter Fertilizer	11	13.4	23	29.8	10	10.3
Lebanon Grass Food	10	9.8	6	7	4	4.4
<b>Lesco Inc.</b>						
Lesco Professional Turf Fertilizer	14	15	30	31.5	14	14.2
Lesco Professional Turf Food	24	25.6	5	5.5	11	10.6
Lesco Professional Turf Fertilizer	19	19.8	19	21.4	19	18.4
Lesco Professional Turf Fertilizer	18	21.65	24	23.4	12	10.1-
Lesco Professional Landscape & Ornamental Fertilizer	14	15	14	16.4	14	13.9
Lesco Professional Starter Fertilizer	18	19.5	24	28.4	12	12.3
Lesco Professional Turf Fertilizer	32	32.3	5	5.5	7	7.1

**Table 1. Fertilizer Samples Analyzed in 1999 (continued).**

Sample description	Nitrogen		P <sub>2</sub> O <sub>5</sub>		K <sub>2</sub> O	
	%G	%F	%G	%F	%G	%F
<b>Mahoney's Garden Center</b>						
Mahoney's Garden Center Tree & Turf	10	8.6-	6	8	4	2.6-
Mahoney's All Purpose Organic Based Fertilizer	8	8.6	8	11.9	8	7.4
Mahoney's Garden Center Fertilizer	5	8.4	5	8.1	5	4.7
<b>Milorganite Division</b>						
Milorganite	6	6.8	2	8.3	4	5.6
<b>Miracle-Gro Lawn Products, Inc.</b>						
Miracle-Gro All-Purpose Plant Food	15	17.3	30	33	15	15.5
Liquid Miracle-Gro House Plant Food	8	9.3	7	9.1	6	6.3
Miracle-Gro All-Purpose Lawn Fertilizer	31	32.55	3	4.9	9	9.5
Miracle-Gro Lawn Fertilizer	31	31.4	3	3.8	9	10.4
<b>Natural Fertilizer of America,</b>						
Sustane for Flowers, Shrubs & Trees	4	3.9	6	7.1	4	3.9
Sustane Fertilizer	10	10.7	2	2.7	10	10.3
<b>Nutrigo, Inc.</b>						
Organi-Grow	5	4.7	5	6.9	0	
Nutrigo Tomato, Shrub & Garden Food	5	1.8-	10	9.8	10	8.2-
Nutrigo Garden & Shrub Fertilizer	5	2.9-	10	12.2	5	4.8
Nutrigo All Purpose Fertilizer	10	9.9	10	13	10	9.7
Mahoney's Premium Lawn Fertilizer	25	22.5-	5	5.8	5	3.1-
Nutrigo Professional Fertilizer	33	31.8-	4	5.5	10	10.5
Nutrigo Professional Fertilizer	20	20.8	5	5.8	10	7.2-
Nutrigo Premium Lawn Fertilizer	26	26.45	4	5.5	6	4.4-
Nutrigo Professional Fertilizer	33	26.6-	4	3.5	10	10.4
OrganiGrow	5	7.8	3	6.7	0	
Vinny's Starter Fertilizer	14	6.8-	22	23.8	6	8.3
<b>Ocean Crest Seafood</b>						
Neptune's Harvest All Nat.l Org. Liquid Fish & Seaweed	2	1.75	3	3.3	0.5	0.5
<b>Organica</b>						
Organic Lawn Booster	8	10.35	1	1.3	0.6	0.13-
<b>Pro-Lawn Products, Inc.</b>						
Pro-Lawn Fertilizer	14	15.9	10	11.5	10	11.6
<b>Pure Barnyard Co., LLC</b>						
Cockadoodle Doo, 100% Pure Organic Chicken Fertilizer	4	3.9	3	3.5	2	2.3
<b>Pursell Industries Inc.</b>						
Parker's All-Purpose Fertilizer	10	10.55	10	12.6	10	9.8
All-American Lawn & Garden Fertilizer	5	6.6	10	13.9	5	5
Vigoro Starter Fertilizer	20	20.8	27	30.1	5	3.9-
Vigoro Ultra Lawn Fertilizer	31	31.6	2	3	4	5
Vigoro Lawn Fertilizer	29	30.9	3	5.1	4	3.8
K-Gro Premium Lawn Fertilizer	29	28.5	3	4.5	4	6.5
Gro-Best Lawn Fertilizer	25	28.6	3	4.9	3	4.1
All American Lawn & Garden Fertilizer	10	20	6	7.2	4	5.5

**Table 1. Fertilizer Samples Analyzed in 1999 (continued).**

Sample description	Nitrogen		P <sub>2</sub> O <sub>5</sub>		K <sub>2</sub> O	
	%G	%F	%G	%F	%G	%F
<b>Ringer Corp.</b>						
Ringer All Natural Lawn Restore	10	10.1	2	2.1	6	6.6
Ringer Lawn Restore	10	12	2	1.5	6	6.1
<b>Ross Daniels Inc.</b>						
Ross Gro-Stakes for Evergreens	10	11.5	10	8.7	10	15.5
<b>Schultz Co.</b>						
Schultz Water Soluble Plant Food for Orchids	19	19.5	31	32.3	17	16.3
Schultz Tomato Plus	9	11.15	10	6.4-	15	11.5-
Schultz All-Purpose Plant Food	20	20.9	30	31.5	20	21
<b>Scotts/Sierra Horticultural Products</b>						
Osmocote Tree & Shrub Planting Tablets	20	21	10	10.1	5	4.7
Osmocote Vegetable & Bedding Plant Food	14	15	14	15.6	14	14.3
Miracle-Gro Excel	15	13.6-	5	5.2	15	15.1
Scott's Osmocote Plus	15	16.6	9	11.3	12	12.2
Scotts All-Purpose Plant Food	18	18.4	9	9.3	18	20.7
Scott's Starter Fertilizer	20	21.6	27	27.6	5	10.9
Scott's Super Turf Builder	30	31.2	3	3.5	3	3.7
Scott's Step 4 Lawn Fertilizer	33	33.8	3	3.3	10	10.3
Scotts Lawn Pro Lawn Fertilizer	26	26.9	3	3.5	4	5.2
Scotts Turf Builder	29	30	3	3.8	4	5.9
<b>The Espoma Co.</b>						
Espoma Flower-Tone	3	3.8	5	6.61	7	10.1
Espoma Bone Meal	4	5.2	12	26.6	0	
Espoma Tree Tone	9	11	5	5.8	4	5.2
Espoma Plant-Tone	5	6	3	6.6	3	3.2
Espoma Garden-Tone	4	5.6	6	7.6	6	7.9
Espoma Organic Lawn Food	18	19.5	8	10.8	6	6.1
Espoma Holly-Tone	4	5.7	6	8.3	4	5.5
<b>The Green Scene</b>						
Liquid herbicide; see attached	0	7.5	0	3.5	0	2.2
<b>Tru-Serv Corp.</b>						
Green Thumb Lawn Fertilizer	29	28.2	3	4.2	4	4.1
Green Thumb All-Purpose Flower & Veg. Plant Food	12	12.8	8	8	8	7.9
<b>Van Bloem Gardens</b>						
Van Bloem Gardens Flowerbulb & Perennial Fertilizer	12	12.3	12	13.5	9	8.9
<b>Weatherly Consumer Products</b>						
Jobe's Fertilizer Spikes for Container & Bedding	8	10.8	9	11.3	12	13.4

**Table 2 . Fertilizer Samples Analyzed in 1999.**

<b>Sample description</b>	<b>Micronutrients</b>
<b>Agway</b>	
Agway Greenlawn Lawn Starter Fertilizer	Sulfur 6.9
Agway Stage 4 Winterizer Fertilizer	Sulfur 5.5
Agway Bulk Blend	Boron 0.25
Agway Blend-Rite with Corn Mix	Boron 0.07; Sulfur 1.6; Manganese 0.1; Zinc 0.2
Agway Bulk Blend	Boron 0.2
Agway Bulk Blend	Boron 0.3
Agway Bulk Blend	Sulfur 8.1
<b>AH Hoffman Consumer Products</b>	
Country Cottage Garden Fertilizer	Magnesium 8.3; Calcium 14.3; Sulfur 0.59-; Iron 0.5
Country Cottage Azalea, Rhododendron & Evergreen Food	Magnesium 4.7; Calcium 8.1; Sulfur 8.1; Iron 0.4
<b>Crop Production Services</b>	
CPS Bulk Jump Start	Sulfur 6.7
CPS Bulk Blend	Magnesium 3.9; Sulfur 5.9
<b>Frank's Nursery &amp; Crafts, Inc.</b>	
Frank's Fall Lawn Food	Sulfur 2.1; Iron 1.2
Frank's Lawn Food	Sulfur 3.4; Iron 1.1
<b>Free-Flow Fertilizer</b>	
Nurserymen's Professional Premium Lawn Fertilizer	Sulfur 1.8; Iron 1; Copper 0.07-; Manganese 0.1; Zinc 0.2
Nurserymen's Professional Season Long Plant Food	Sulfur 2.1; Iron 1.8; Copper 0.1; Manganese 0.2; Zinc 0.3
<b>Helena Chemical Co</b>	
Meister Programmed Release Fertilizer	Magnesium 0.6; Boron 0.02; Sulfur 5.7; Iron 0.6; Copper 0.02-; Manganese 0.12; Zinc 0.06; Molybdenum 0.0013-
<b>Jonathan Green Inc.</b>	
Jonathan Green Winter Survival Fertilizer	Sulfur 2.5; Iron 1.1
Jonathan Green New Seedling Fertilizer	Sulfur 1.05-; Iron 1.5
<b>Lebanon Seaboard Corp.</b>	
Greenview Winter Green Fall Fertilizer	Magnesium 1.8
Lebanon Vegetable Garden Food	Magnesium 4.1
Greenview Fertilizer	Sulfur 7.9; Iron 0.25-
Greenview	Sulfur 3.6
Lebanon Grass Food	Iron 1.2
<b>Lesco Inc.</b>	
Lesco Professional Turf Food	Sulfur 4.2; Iron 1.9; Manganese 1
Lesco Professional Turf Fertilizer	Sulfur 2.5
Lesco Professional Landscape & Ornamental Fertilizer	Sulfur 12.8-; Iron 0.9; Manganese 0.43
Lesco Professional Starter Fertilizer	Sulfur 5.8
Lesco Professional Turf Fertilizer	Sulfur 2.8
<b>Miracle-Gro Lawn Products, Inc.</b>	
Miracle-Gro All-Purpose Plant Food	Boron 0.02; Iron 0.2; Copper 0.08; Manganese 0.05; Zinc 0.08; Molybdenum 0.0007
Liquid Miracle-Gro House Plant Food	Iron 0.1
Miracle-Gro All-Purpose Lawn Fertilizer	Sulfur 3.4; Iron 1.8
Miracle-Gro Lawn Fertilizer	Sulfur 3.35; Iron 3.3



**Table 2 . Fertilizer Samples Analyzed in 1999 (continued).**

<b>Sample description</b>	<b>Micronutrients</b>
<b>Natural Fertilizer of America,</b> Sustane for Flowers, Shrubs & Trees Sustane Fertilizer	Calcium 2.4 Calcium 2.5; Sulfur 8.3; Iron 2.9
<b>Nutrigo, Inc.</b> Organi-Grow OrganiGrow Vinny's Starter Fertilizer	Sulfur 1.4-; Iron 2.75 Sulfur 1.5-; Iron 2.5 Sulfur 2.5; Iron 1.7
<b>Pure Barnyard Co., LLC</b> Cockadoodle Doo, 100% Pure Organic Chicken Fertilizer	Magnesium 0.6; Calcium 7.5
<b>Pursell Industries Inc.</b> Vigoro Starter Fertilizer Vigoro Ultra Lawn Fertilizer Vigoro Lawn Fertilizer K-Gro Premium Lawn Fertilizer Gro-Best Lawn Fertilizer	Iron 3 Iron 1.1- Iron 2.7 Iron 1.2- Iron 0.6
<b>Schultz Co.</b> Schultz Water Soluble Plant Food for Orchids  Schultz Tomato Plus  Schultz All-Purpose Plant Food	Boron 0.02; Iron 0.31; Copper 0.07; Manganese 0.05; Zinc 0.062; Molybdenum 0.0004 Magnesium 0.004-; Iron 0.1; Copper 0.05; Manganese 0.05; Zinc 0.07 Iron 0.1; Manganese 0.05; Zinc 0.06
<b>Scotts/Sierra Horticultural Products</b> Osmocote Tree & Shrub Planting Tablets Miracle-Gro Excel  Scott's Osmocote Plus  Scotts All-Purpose Plant Food Scott's Super Turf Builder Scotts Lawn Pro Lawn Fertilizer Scottts Turf Builder	Calcium 3.8; Sulfur 7.8; Iron 0.9 Magnesium 2.2; Boron 0.012; Calcium 7.6; Iron 0.084; Copper 0.006; Manganese 0.032; Zinc 0.04; Molybdenum 0.007 Magnesium 2.3; Boron 0.02; Sulfur 2.9; Iron 0.5; Copper 0.05; Manganese 0.08; Zinc 0.05; Molybdenum 0.02 Sulfur 7.8; Iron 0.7; Manganese 0.16 Sulfur 7.3; Iron 1.7 Sulfur 9.9; Iron 2.4 Sulfur 1.6-
<b>The Espoma Co.</b> Espoma Flower-Tone  Espoma Tree Tone  Espoma Plant-Tone  Espoma Garden-Tone	Magnesium 2; Boron 0.02; Calcium 5.4; Sulfur 8; Iron 0.6-; Copper 0.05; Manganese 0.09; Sodium 0.6-; Zinc 0.1; Cobalt 0.0005 Magnesium 1.3; Boron 0.02; Calcium 2.8; Sulfur 9.9; Iron 0.77; Copper 0.06; Manganese 0.1; Sodium 0.3; Zinc 0.2; Cobalt 0.0006; Molybdenum 0.0006 Magnesium 0.6; Boron 0.02; Calcium 4.6; Sulfur 1.6; Iron 1; Copper 0.05; Manganese 0.07; Sodium 0.5; Zinc 0.1; Cobalt 0.0003; Molybdenum 0.0005 Magnesium 1.3; Boron 0.066-
<b>Tru-Serv Corp.</b> Green Thumb Lawn Fertilizer	Sulfur 2.7-; Iron 1

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