

*The
Connecticut
Agricultural
Experiment
Station,
New Haven*

Analysis of
Fertilizers Sold
in Connecticut
2000

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From January 1, 2000 to December 31, 2000 the Department of Analytical Chemistry at The Connecticut Agricultural Experiment Station analyzed 198 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 31 manufacturers are included in the accompanying tables. A total of 56 samples (28%) were determined to be deficient in one or more guaranteed parameters. Specifically, 25 were deficient in nitrogen (12.6%); 10 were deficient in phosphorus (5%); and 19 were deficient in potassium (9.5%) as shown in Table 1. Nineteen samples (9.5%) were deficient in one or more micronutrients as shown in 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 for nitrogen, phosphorus and potassium are summarized in Table 1. 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 2000.

| Sample description | Nitrogen | | P ₂ O ₅ | | K ₂ O | |
|---------------------------------------|----------|-------|-------------------------------|-------|------------------|-------|
| | %G | %F | %G | %F | %G | %F |
| Agriturf, Inc. | | | | | | |
| Agriturf with Copper | 10 | 10.7 | 8 | 8.1 | 10 | 11.2 |
| Agriturf Tobacco Fertilizer | 10 | 13 | 8 | 9.1 | 10 | 7.9- |
| Agriturf Tobacco Fertilizer | 8 | 11.6 | 6 | 5.9 | 8 | 7.5 |
| Cadwell & Jones | 10 | 10 | 6 | 8.5 | 4 | 6.5 |
| C&J Specialty Fertilizer | 5 | 7.8 | 10 | 14.8 | 10 | 15.8 |
| Agriturf Tobacco Fertilizer | 6 | 7.1 | 3 | 6 | 6 | 4.9- |
| Agriturf | 19 | 19.4 | 19 | 20.2 | 19 | 18.9 |
| Agriturf | 10 | 12.6 | 20 | 23.5 | 20 | 21 |
| Agriturf | 5 | 7 | 26 | 31.3 | 27 | 26.3 |
| Cadwell & Jones | 20 | 25.5 | 4 | 5.7 | 8 | 8.6 |
| Agriturf Bulk | 28 | 32.6 | 7 | 7.3 | 14 | 14.3 |
| Agriturf Bulk | 14 | 15.7 | 35 | 31.7- | 14 | 13.6 |
| Agriturf Liquid Bulk Fertilizer | 22.5 | 18.6- | 0 | | 0 | |
| Agriturf Alby | 14.5 | 12.5- | 0 | | 0 | |
| Agriturf All Purpose Fertilizer | 10 | 7.4- | 10 | 8.3- | 10 | 4.4- |
| Agway, Inc. | | | | | | |
| Agway Flower Food | 6 | 6.3 | 12 | 12.4 | 7 | 8.2 |
| Agway Blend-Rite | 10 | 13.4 | 10 | 11 | 10 | 11.4 |
| Agway Garden Plant Food | 5 | 10.7 | 10 | 18.9 | 5 | 5 |
| Agway Blend-Rite | 10 | 15.7 | 20 | 17.3- | 10 | 7.6- |
| Agway Blend-Rite | 10 | 11.45 | 20 | 22.1 | 20 | 20 |
| Agway Super Greenlawn Lawn Fertilizer | 21 | 21.7 | 7 | 7.4 | 14 | 14.8 |
| Agway Early Edge | 13 | 14 | 13 | 14.1 | 13 | 14.4 |
| Agway Blend-Rite | 22 | 29.7 | 0 | | 36 | 23.2- |
| Agway Blend Rite | 0 | | 20 | 21.5 | 20 | 20.4 |
| Agway Greenlawn Lawn Fertilizer | 32 | 35.9 | 3 | 2.9 | 5 | 5 |
| Agway Organic Lawn Food | 8 | 9.3 | 2 | 5.2 | 4 | 4.3 |
| Agway Fall to Winter Lawn Fertilizer | 26 | 25.8 | 2 | 3.9 | 12 | 16.1 |
| Agway Blend-Rite | 0 | | 10 | 10.4 | 40 | 41.5 |
| Agway Blend-Rite | 5 | 8.8 | 10 | 14.4 | 10 | 12.6 |
| Agway Blend-Rite | 18 | 25 | 18 | 18 | 18 | 14.5- |
| Agway Blend-Rite | 15 | 15.5 | 8 | 10 | 12 | 13.4 |
| Agway Blend-Rite | 0 | | 25 | 26.2 | 25 | 24.8 |
| Agway Blend-Rite | 15 | 19.45 | 15 | 20.8 | 15 | 15.2 |
| Agway Professional Fertilizer | 10 | 12.8 | 6 | 11.3 | 4 | 4.8 |
| Agway Early Edge | 10 | 13.7 | 10 | 13.2 | 10 | 10.7 |
| Agway Blend-Rite | 24 | 31.3 | 12 | 10.5- | 18 | 12.9- |
| Agway Early Edge | 10 | 12.8 | 20 | 24.6 | 10 | 11.7 |
| Agway Fertilizer | 5 | 7.3 | 10 | 14.5 | 5 | 6.5 |
| Agway All Purpose | 5 | 5.9 | 10 | 17.3 | 10 | 15.7 |
| Agway Stage 4 Winterizer Fertilizer | 25 | 29.6 | 3 | 2.8 | 13 | 10.6- |
| Agway Blend-Rite | 30 | 30.15 | 4 | 9.5 | 10 | 12.4 |
| Agway Blend-Rite | 28 | 26.4- | 7 | 8.7 | 14 | 19.4 |
| Agway Blend-Rite | 15 | 12.9- | 11 | 15.8 | 11 | 18.3 |
| Agway Blend-Rite | 6 | 7.6 | 24 | 31 | 24 | 21.3- |
| Agway Bulk Blend | 24 | 27.4 | 12 | 9.7- | 18 | 13.9- |
| Agway Bulk Blend | 25 | 26.3 | 12 | 13.8 | 16 | 16.3 |
| Agway Bulk Blend | 24 | 27 | 0 | | 29 | 28.9 |
| Agway Bulk Blend | 23 | 20.9- | 12 | 13 | 18 | 23.5 |
| Agway Bulk Blend | 23 | 21.6- | 12 | 13.5 | 18 | 24.5 |
| Agway Early Edge | 12 | 12.3 | 6 | 9.3 | 18 | 17.2 |
| Agway Bulk Blend | 15 | 15.6 | 8 | 9.3 | 12 | 12.1 |
| Agway Nutralene | 40 | 40.6 | 0 | | 0 | |
| Agway Urea | 46 | 48.5 | 0 | | 0 | |
| CPS Fertilizer | 10 | 10.4 | 10 | 9.4 | 10 | 9.4 |

Table 1. Fertilizer Samples Analyzed in 2000 (continued).

| Sample description | Nitrogen | | P ₂ O ₅ | | K ₂ O | |
|---|----------|-------|-------------------------------|------|------------------|-------|
| | %G | %F | %G | %F | %G | %F |
| Agway Bulk Blend | 28 | 28.3 | 7 | 8.6 | 14 | 15.8 |
| Agway Bulk Blend | 16 | 15.8 | 2 | 3.6 | 36 | 38.9 |
| Agway Bulk Blend | 37 | 39.15 | 0 | | 11 | 9.7- |
| Agway Bulk Blend | 27 | 26.4 | 6 | 8.2 | 18 | 20.8 |
| Agway Bulk Blend | 27 | 29.1 | 6 | 9.3 | 18 | 18.6 |
| Agway Bulk Blend | 27 | 28.5 | 0 | | 24 | 25.7 |
| Agway Bulk Blend | 36 | 37 | 4 | 5.6 | 9 | 9.2 |
| Agway Bulk Blend | 33 | 34.5 | 9 | 11 | 9 | 9.5 |
| Agway Bulk Blend | 35 | 35 | 0 | | 14 | 14.9 |
| Agway Bulk Blend | 24 | 22.8- | 12 | 17.9 | 18 | 18.9 |
| Agway Bulk Blend | 17 | 17.5 | 0 | | 37 | 38.6 |
| Agway Bulk Blend | 0 | | 9 | 11.1 | 47 | 49.3 |
| Agway All-Purpose Fertilizer | 5 | 7 | 10 | 10.8 | 10 | 11.4 |
| Agway All-Purpose Fertilizer | 10 | 9.8 | 10 | 11.5 | 10 | 10.7 |
| Agway Super Garden Plant Food | 12 | 14.2 | 24 | 27 | 12 | 12.9 |
| Agway Organic Plant Food | 4 | 6.6 | 5 | 6 | 4 | 4.1 |
| Agway Evergreen & Azalea Food | 8 | 7.7 | 4 | 4.2 | 4 | 5.6 |
| Agway Greenlawn Lawn Starter Fertilizer | 13 | 12.9 | 25 | 28 | 12 | 12 |
| AH Hoffman Consumer Products | | | | | | |
| Hoffman Holly Food | 4 | 4.9 | 6 | 7.8 | 4 | 4.9 |
| Bandini Fertilizer Company | | | | | | |
| Bandini Bone Meal | 0.5 | 2.5 | 15 | 22 | 0 | |
| Bonide Products, Inc. | | | | | | |
| Bonide Start-Up Plant Starter | 3 | 2.7 | 10 | 9.3 | 3 | 3.3 |
| Bonide Fish Emulsion Natural Plant Food | 2 | 2.3 | 4 | 5.2 | 0.5 | 0.3 |
| Crop Production Services | | | | | | |
| CPS Nutralene | 40 | 40.9 | 0 | | 0 | |
| CPS Triple Super Phosphate GTSP | | 0.5 | | 46.8 | | |
| CPS Muriate of Potash | 0 | | 0 | | 61 | 64.3 |
| CPS Fertilizer | 10 | 10.4 | 10 | 9.4 | 10 | 9.4 |
| CPS Bulk Blend | 15.04 | 14- | 8.05 | 8.7 | 12.05 | 12.6 |
| Village Green Fertilizer | 5 | 5.1 | 10 | 10.7 | 5 | 5.3 |
| CPS Fertilizer | 24 | 25.1 | 12 | 15.3 | 18 | 15.6- |
| CPS Bulk Blend | 26.45 | 27 | 0 | | 25.93 | 26.8 |
| CPS Fertilizer | 12 | 14.8 | 15 | 17.9 | 15 | 14.3 |
| CPS Fertilizer | 19 | 27.4 | 0 | | 16 | 16.1 |
| CPS Fertilizer | 25 | 23.8- | 5 | 5.4 | 20 | 23.6 |
| Village Green Professional Turf Food Pro-Prep | 15 | 19.9 | 25 | 28.2 | 10 | 10.6 |
| CPS Fertilizer | 19 | 22.6 | 19 | 22.9 | 19 | 18 |
| CPS Fertilizer | 20 | 26.3 | 10 | 12.3 | 10 | 11.2 |
| CPS Fertilizer | 10 | 12.65 | 10 | 9.6 | 10 | 10.1 |
| CPS Bulk Blend | 8.01 | 9.7 | 24.15 | 27.7 | 12.02 | 12.2 |
| Village Green Turf Magic | 25 | 23.7- | 5 | 4.8 | 5 | 5.5 |
| Village Green Professional Turf Food | 10 | 15.5 | 6 | 10.4 | 4 | 5.5 |
| CPS Bulk Blend | 19.3 | 21.7 | 7.59 | 9.7 | 29.28 | 28 |
| CPS Bulk Blend | 26.45 | 26.2 | 0 | | 25.93 | 29.9 |
| CPS Tobacco Fertilizer | 10 | 13.75 | 8 | 13.7 | 10 | 10.2 |
| Village Green Professional Turf Food, Xmas | 18 | 19.75 | 11 | 14 | 17 | 18.6 |
| CPS Fertilizer | 5 | 8.4 | 10 | 20.6 | 10 | 13.8 |
| CPS Fertilizer | 15 | 17.25 | 15 | 19.6 | 15 | 15.5 |
| CPS Corn Starter | 10 | 14.5 | 20 | 35.2 | 10 | 10 |
| CPS Bulk Blend | 15.14 | 20.45 | 15.18 | 26 | 15.4 | 15.4 |
| CPS Fertilizer | 0 | | 10 | 11.8 | 40 | 45 |

Table 1. Fertilizer Samples Analyzed in 2000 (continued).

| Sample description | Nitrogen | | P ₂ O ₅ | | K ₂ O | |
|--|----------|-------|-------------------------------|-------|------------------|------|
| | %G | %F | %G | %F | %G | %F |
| CPS Fertilizer | 18 | 15.6- | 2 | 3.8 | 22 | 24 |
| CPS Fertilizer | 10 | 9.9 | 20 | 23 | 20 | 22 |
| CPS Fertilizer | 0 | | 26 | 25.9 | 26 | 31.1 |
| CPS Fertilizer | 10 | 11.2 | 20 | 23.7 | 20 | 21.9 |
| CPS Fertilizer | 12 | 9.3- | 15 | 12.9- | 15 | 15.2 |
| Village Green Professional Turf Food | 20 | 17.4- | 10 | 7.6- | 10 | 10.5 |
| CPS Fertilizer | 7 | 7.8 | 7 | 5.9- | 7 | 8.2 |
| CPS Fertilizer | 5 | 8.9 | 10 | 17.9 | 5 | 7.7 |
| CPS Jump Start | 9 | 9.9 | 24 | 26.9 | 14 | 13.2 |
| CPS Tobacco Fertilizer | 6 | 7.25 | 3 | 3.4 | 6 | 7.9 |
| CPS Bulk Blend | 6.34 | 5.6- | 10.56 | 10.7 | 42.24 | 46.1 |
| Village Green Professional Turf Food | 19 | 18.6 | 19 | 21.1 | 19 | 21 |
| CPS Fertilizer | 26 | 27.9 | 0 | | 26 | 26.4 |
| DeCran Ag. Supplies | | | | | | |
| DeCran Deluxe | 5 | 5.5 | 10 | 11.9 | 5 | 5.1 |
| DeCran Deluxe | 10 | 9.9 | 10 | 12.1 | 10 | 9.2- |
| Domestic Fertilizer, Inc. | | | | | | |
| Evergreen Tree Stakes | 11 | 18.5 | 5 | 11.3 | 7 | 7.6 |
| Easy Gardener, Inc. | | | | | | |
| Ross Gro Stakes for Fruit & Ornamental Trees | 8 | 12.1 | 16 | 19.2 | 16 | 18.7 |
| Jobes Fertilizer Spikes for Tomatoes | 8 | 12.1 | 24 | 26.3 | 8 | 8.7 |
| Espoma Co. | | | | | | |
| Espoma Tree-Tone | 9 | 9.1 | 5 | 8.5 | 4 | 5.2 |
| Frank's Nursery & Crafts | | | | | | |
| Frank's Seed Starter | 18 | 17.7 | 24 | 26.4 | 6 | 6.4 |
| Free-Flow Fertilizer | | | | | | |
| Sam's Choice Lawn Food | 29 | 30.9 | 3 | 3.7 | 4 | 4.1 |
| Frank's Fall Lawn Food | 26 | 28.4 | 4 | 4.3 | 14 | 13.9 |
| Frank's Garden Food | 5 | 5.6 | 10 | 11.5 | 5 | 5.5 |
| Frank's All-Purpose Lawn & Garden Food | 12 | 12.4 | 12 | 15 | 12 | 12.1 |
| Frank's Lawn Food | 32 | 32.3 | 4 | 5.3 | 8 | 7.9 |
| Gardener's Supply Co. | | | | | | |
| Garden Boost Rain Barrel Tea Bag | 3 | 1.6- | 6 | 6.2 | 12 | 12.6 |
| Jonathan Green Inc. | | | | | | |
| Jonathan Green Winter Survival Fall Fertilizer | 10 | 10 | 18 | 19.3 | 20 | 21 |
| Jonathan Green Green-Up Lawn Fertilizer | 30 | 35.1 | 5 | 3.9- | 5 | 2.5- |
| Jonathan Green New Seeding Lawn Fertilizer | 14 | 13.7 | 28 | 30.6 | 15 | 16.3 |
| Lebanon Chemical Corp. | | | | | | |
| Greenview Winter Green Fall Fertilizer | 10 | 11.3 | 16 | 17.9 | 20 | 20.2 |
| Greenview Fertilizer | 10 | 15.3 | 6 | 8.5 | 4 | 11.8 |
| Greenview Fertilizer | 10 | 10.5 | 10 | 13.2 | 10 | 10.3 |
| Greenview Fertilizer | 5 | 6.5 | 10 | 13.5 | 5 | 5.7 |
| Greenview Green Power | 30 | 32.7 | 4 | 4.8 | 4 | 5.7 |
| Greenview Green Start Starter Fertilizer | 10 | 12.7 | 18 | 18.4 | 10 | 13.4 |
| Lebanon Grass Food | 10 | 10.1 | 6 | 7.8 | 4 | 7.1 |

Table 1. Fertilizer Samples Analyzed in 2000 (continued).

| Sample description | Nitrogen | | P ₂ O ₅ | | K ₂ O | |
|--|----------|-------|-------------------------------|-------|------------------|-------|
| | %G | %F | %G | %F | %G | %F |
| Lesco Inc. | | | | | | |
| Lesco Professional Turf Fertilizer | 32 | 34.4 | 5 | 5.2 | 7 | 7.9 |
| Lesco Professional Turf Fertilizer | 18 | 18.9 | 24 | 27.2 | 12 | 11.7 |
| Lesco Professional Turf Fertilizer | 32 | 33.6 | 5 | 4.4 | 10 | 9.6 |
| Lesco Professional Turf Fertilizer | 24 | 26.6 | 5 | 7 | 11 | 13.7 |
| Lesco Professional Turf Fertilizer | 18 | 18.9 | 24 | 26.2 | 12 | 14.4 |
| Lesco Professional Turf Fertilizer | 19 | 22.3 | 19 | 16.1- | 19 | 13.4- |
| Lesco Professional Landscape & Ornamental Fert | 14 | 16.4 | 14 | 16.7 | 14 | 13.2 |
| Lesco Professional Turf Fertilizer | 21 | 26.2 | 3 | 4.5 | 21 | 15.3- |
| Lesco Arbor Green | 30 | 32.9 | 10 | 10.6 | 7 | 6.9 |
| Mahoney's Garden Center | | | | | | |
| Mahoney's 100% Organic Fertilizer with Root Helper 5 | | 6.8 | 5 | 7.1 | 5 | 5 |
| Mahoney's Garden Center All-Purp Org Based | 8 | 6.4- | 8 | 9.7 | 8 | 8 |
| Mahoney's Garden Center Garden & Shrub Fertilizer 5 | | 3.9- | 10 | 12.4 | 5 | 5 |
| Middlefield Crop Center | | | | | | |
| Agway Bulk Blend | 26 | 26 | 13 | 17.6 | 13 | 14.7 |
| Milorganite Division | | | | | | |
| Milorganite | 6 | 6.6 | 2 | 4.4 | 4 | 0.61- |
| Nutrico, Inc. | | | | | | |
| Nutrico Lawn Food 50% Organic | 10 | 8.5- | 6 | 6.9 | 4 | 7.7 |
| Nutrico All-Purpose | 10 | 10.4 | 10 | 14.1 | 10 | 12.2 |
| Nutrico Professional Starter Fertilizer | 14 | 6- | 22 | 26.6 | 6 | 8.2 |
| Vinny's Showplace Premium Lawn Fertilizer | 26 | 27.2 | 4 | 7 | 6 | 8.4 |
| Organi-Grow | 5 | 5.5 | 5 | 7.1 | 0 | |
| Nutrico + Fe | 20 | 22 | 5 | 7.8 | 7 | 7 |
| Nutrico Garden & Shrub Fertilizer | 5 | 3.3- | 10 | 12.8 | 5 | 4.8 |
| Ocean Crest Seafood | | | | | | |
| Neptune's Harvest Fish & Seaweed Fertilizer | 2 | 1.9 | 3 | 3.3 | 1 | 1.1 |
| Pure Barnyard Co., LLC | | | | | | |
| Cockadoodle Doo | 5 | 5 | 3 | 5.3 | 2 | 2.7 |
| Pursell Industries Inc. | | | | | | |
| Van Bloem Gardens Flowerbulb & Perennial Fertilizer 12 | | 10.6- | 12 | 12.5 | 9 | 9 |
| All American Lawn & Garden Fertilizer | 5 | 8 | 10 | 10.7 | 5 | 4.8 |
| All American Lawn & Garden Fertilizer | 10 | 16.6 | 6 | 8.2 | 4 | 5.1 |
| All American All Purpose Fertilizer | 10 | 15.6 | 10 | 13.1 | 10 | 12.8 |
| Vigoro Starter Fertilizer | 20 | 22.4 | 28 | 32.1 | 6 | 4- |
| Ultra Vigoro Lawn Fertilizer | 31 | 29.8- | 2 | 5.2 | 4 | 5.1 |
| Vigoro Lawn Fertilizer | 29 | 34.6 | 3 | 4.6 | 4 | 2.9- |
| Gro Best Lawn Fertilizer | 25 | 22.6- | 3 | 3.9 | 3 | 4.5 |
| K-Gro Premium Lawn Fertilizer | 29 | 29.6 | 3 | 4 | 4 | 4.2 |
| Ringer Corp. | | | | | | |
| Ringer All Natural Lawn Restore | 10 | 10 | 2 | 1.4 | 6 | 6.3 |
| Roots, Inc., Div. of LISA Prod. Corp. | | | | | | |
| Dry Roots 2 | 3 | 3.2 | 3 | 3.5 | 3 | 4.2 |

Table 1. Fertilizer Samples Analyzed in 2000 (continued).

| Sample description | Nitrogen | | P ₂ O ₅ | | K ₂ O | |
|---|----------|------|-------------------------------|------|------------------|------|
| | %G | %F | %G | %F | %G | %F |
| Schultz Co. | | | | | | |
| Schultz Expert Gardener Orchid Food | 19 | 18.7 | 31 | 34 | 17 | 17.3 |
| Schultz Tomato Plus | 9 | 9.9 | 10 | 11.8 | 15 | 15.2 |
| Schultz Plant Food | 10 | 10.9 | 15 | 17.7 | 10 | 10.6 |
| Scotts Sierra Company | | | | | | |
| Miracle-Gro All-Purpose Plant Food | 15 | 15.9 | 30 | 32.8 | 15 | 19.3 |
| Osmocote Vegetable and Bedding Plant Food | 14 | 14.6 | 14 | 16.6 | 14 | 14.5 |
| Liquid Miracle-Gro House Plant Food | 8 | 9 | 7 | 7.9 | 6 | 6.3 |
| Scott's Lawn Pro Step 1 | 32 | 32.6 | 3 | 3.5 | 10 | 10.8 |
| Scott's Lawn Pro Step 2 | 29 | 33.6 | 3 | 4.8 | 3 | 4.8 |
| Scott's Lawn Pro Step 3 | 28 | 28.7 | 4 | 5.3 | 6 | 5.6 |
| Scott's Lawn Pro Step 4 | 31 | 32.6 | 3 | 3.3 | 10 | 11.6 |
| Miracle-Gro for Tomatoes | 18 | 22.4 | 18 | 20.7 | 21 | 21.5 |
| Scott's Lawn Fertilizer with 2% Iron | 26 | 25.3 | 3 | 4.6 | 4 | 5.2 |
| Scotts Turf Builder | 30 | 31.5 | 3 | 3.8 | 3 | 3.8 |
| Scott's Turf Builder | 29 | 29.9 | 3 | 3.4 | 4 | 5 |
| Spectrum Group, United Industries Corp. | | | | | | |
| Peters Professional All Purpose Plant Food | 20 | 21.8 | 20 | 25.2 | 20 | 21.5 |
| Sustone Corp., Div. of Natural Fert of America | | | | | | |
| Sustane Granular Natur Base Slow Rel Nitrogen | 4 | 4.3 | 6 | 10.2 | 4 | 4.5 |
| The Dogget Corp. | | | | | | |
| Dogget Slow Release Tree Fertilizer | 32 | 30- | 7 | 8.4 | 7 | 8.8 |
| Doggett Fall Tree Fertilizer | 12 | 13.5 | 24 | 25.5 | 24 | 23.6 |
| The Espoma Co | | | | | | |
| Espoma Plant-Tone | 5 | 5.25 | 3 | 8.5 | 3 | 3 |
| Espoma Holly-Tone | 4 | 5.6 | 6 | 8.6 | 4 | 3.8 |
| Espoma Organic Lawn Food | 18 | 21.3 | 8 | 8.2 | 6 | 4.8- |
| Espoma Garden-Tone | 4 | 5.4 | 6 | 7.5 | 6 | 6.6 |
| Espoma Rose-Tone | 6 | 6.9 | 6 | 9.5 | 4 | 4 |
| Weatherly Consumer Products | | | | | | |
| Jobe's Fertilizer Spikes for Aquatic Plants | 8 | 10.7 | 24 | 32 | 8 | 9 |
| Jobe's Fertilizer Spikes for Bulbs & Perennials | 9 | 11.5 | 12 | 20 | 6 | 6.7 |
| Manufacturer unspecified | | | | | | |
| Country Cottage Perennial Flower Food | 10 | 12 | 10 | 13 | 10 | 10.7 |

Table 2. Fertilizer Samples Analyzed in 2000.

| Sample description | Micronutrients |
|--|---|
| Agway | |
| Agway Flower Food | Sulfur 2.7 |
| Agway Super Greenlawn Lawn Fertilizer | Sulfur 8.3; Iron 0.93; Manganese 0.6 |
| Agway Greenlawn Lawn Fertilizer | Sulfur 3.2 |
| Agway Organic Lawn Food | Calcium 8.6 |
| Agway Blend-Rite | Boron 0.4 |
| Agway Stage 4 Winterizer Fertilizer | Sulfur 4.5 |
| Agway Blend-Rite | Sulfur 9.6- |
| Agway Bulk Blend | Boron 0.3 |
| Agway Organic Plant Food | Calcium 9.5 |
| Agway Evergreen & Azalea Food | Magnesium 5.4; Iron 1 |
| Agway Greenlawn Lawn Starter Fertilizer | Sulfur 7.4 |
| Crop Production Services | |
| CPS Fertilizer | Magnesium 4.6 |
| CPS Fertilizer | Magnesium 3.1; Calcium 5.2 |
| Village Green Professional Turf Food Pro-Prep | Boron 0.22-; Sulfur 0.9; Iron 1 |
| CPS Bulk Blend | Magnesium 1.6; Boron 0.2; Sulfur 4.4; Zinc 0.2- |
| Village Green Turf Magic | Sulfur 0.5-; Iron 0.9- |
| CPS Corn Starter | Magnesium 1.6; Boron 0.03-; Sulfur 2.2-; Zinc 0.005- |
| CPS Fertilizer | Magnesium 5.6 |
| CPS Jump Start | Magnesium 4.1; Boron 0.15; Sulfur 5.6-; Zinc 0.8- |
| CPS Bulk Blend | Boron 0.4 |
| Espoma Co. | |
| Espoma Tree-Tone | Magnesium 1.2; Boron 0.02; Calcium 3.7; Sulfur 9.5; Iron 0.9; Copper 0.03-; Manganese 0.07; Sodium 0.4; Zinc 0.07; Cobalt 0.0005; Molybdenum 0.0006 |
| Frank's Nursery & Crafts | |
| Frank's Seed Starter | Sulfur 2.4 |
| Free-Flow Fertilizer | |
| Sam's Choice Lawn Food | Sulfur 3.6; Iron 1.5- |
| Frank's Fall Lawn Food | Sulfur 2; Iron 0.95 |
| Frank's Lawn Food | Sulfur 3.4; Iron 1.1 |
| Jonathan Green Inc. | |
| Jonathan Green Winter Survival Fall Fertilizer | Sulfur 3.9; Iron 0.93 |
| Jonathan Green Green-Up Lawn Fertilizer | Sulfur 1.6; Iron 0.35- |
| Jonathan Green New Seeding Lawn Fertilizer | Iron 1.7 |
| Lebanon Chemical Corp. | |
| Greenview Winter Green Fall Fertilizer | Sulfur 5.2; Iron 1.3; Manganese 0.5 |
| Greenview Fertilizer | Magnesium 1.5-; Calcium 2.7-; Sulfur 9.7 |
| Greenview Fertilizer | Sulfur 7.2; Iron 0.22- |
| Greenview Fertilizer | Sulfur 3.4 |
| Lebanon Grass Food | Iron 1 |

Table 2. Fertilizer Samples Analyzed in 2000 (continued).

| Sample description | Micronutrients |
|--|--|
| Lesco Inc. | |
| Lesco Professional Turf Fertilizer | Sulfur 4.8 |
| Lesco Professional Turf Fertilizer | Sulfur 5.6 |
| Lesco Professional Turf Fertilizer | Sulfur 1.8- |
| Lesco Professional Turf Fertilizer | Sulfur 2.8; Iron 2.7; Manganese 1.3 |
| Lesco Professional Turf Fertilizer | Sulfur 1.8 |
| Lesco Professional Landscape & Ornamental Fertilizer | Sulfur 13.1-; Iron 0.8; Manganese 0.6 |
| Lesco Professional Turfl Fertilizer | Sulfur 8; Iron 1.1- |
| Nutrigo, Inc. | |
| Organi-Grow | Sulfur 1.7; Iron 2.8 |
| Pure Barnyard Co., LLC | |
| Cockadoodle Doo | Magnesium 0.6; Calcium 7.7 |
| Pursell Industries Inc. | |
| Ultra Vigoro Lawn Fertilizer | Iron 0.85- |
| Vigoro Lawn Fertilizer | Iron 0.4- |
| Gro Best Lawn Fertilizer | Iron 0.5 |
| K-Gro Premium Lawn Fertilizer | Iron 1.5- |
| Roots, Inc., Div. of LISA Prod. Corp. | |
| Dry Roots 2 | Magnesium 0.5; Calcium 11; Iron 1.1 |
| Schultz Co. | |
| Schultz Expert Gardener Orchid Food | Boron 0.03; Iron 0.32; Copper 0.2; Manganese 0.05; Zinc 0.07; Molybdenum 0.001 |
| Schultz Tomato Plus | Magnesium 0.44; Iron 0.1; Copper 0.05; Manganese 0.05; Zinc 0.06 |
| Schultz Plant Food | Iron 0.1; Manganese 0.043; Zinc 0.05 |
| Scotts Sierra Company | |
| Miracle-Gro All-Purpose Plant Food | Boron 0.03; Iron 0.3; Copper 0.1; Manganese 0.07; Zinc 0.1; Molybdenum 0.001 |
| Scott's Lawn Pro Step 3 | Sulfur 2.9 |
| Scott's Lawn Pro Step 4 | Iron 1.2 |
| Miracle-Gro for Tomatoes | Magnesium 0.5; Iron 0.18; Copper 0.09; Manganese 0.05; Zinc 0.07 |
| Scott's Lawn Fertilizer with 2% Iron | Sulfur 9.3; Iron 2 |
| Scotts Turf Builder | Sulfur 7.2; Iron 1.9 |
| Scott's Turf Builder | Sulfur 6.7; Copper 1; Manganese 0.6 |
| Spectrum Group, United Industries Corp. | |
| Peters Professional All Purpose Plant Food | Magnesium 0.5; Boron 0.02; Iron 0.1; Copper 0.05; Manganese 0.05; Zinc 0.05; Molybdenum 0.0006 |
| Sustane Granular Natural Base Slow Release N Fert | Calcium 5.4 |
| The Dogget Corp. | |
| Dogget Slow Release Tree Fertilizer | Iron 0.08-; Copper ND-; Manganese 0.043; Zinc 0.0004- |
| Doggett Fall Tree Fertilizer | Iron 0.045-; Copper 0.05; Manganese 0.05; Zinc 0.08 |

Table 2. Fertilizer Samples Analyzed in 2000 (continued).

| Sample description | Micronutrients |
|---------------------------------------|--|
| The Espoma Co. | |
| Espoma Plant-Tone | Magnesium 0.6; Boron 0.05; Calcium 8.4; Sulfur 2.6; Iron 0.91; Copper 0.09; Manganese 0.2; Sodium 0.5; Zinc 0.2; Cobalt 0.001; Molybdenum 0.001 |
| Espoma Holly-Tone | Magnesium 0.7; Boron 0.03; Calcium 6.1; Sulfur 6.9; Iron 1.2; Copper 0.04; Manganese 0.08; Sodium 0.2; Zinc 0.1; Cobalt 0.001; Molybdenum 0.002 |
| Espoma Organic Lawn Food | Iron 2.1 |
| Espoma Garden-Tone | Magnesium 1.2; Boron 0.03; Calcium 5.6; Sulfur 9.6; Iron 0.91; Copper 0.045; Manganese 0.15; Sodium 0.4; Zinc 0.14; Cobalt 0.0007; Molybdenum 0.0008 |
| Espoma Rose-Tone | Magnesium 0.6; Boron 0.04; Calcium 5; Sulfur 7; Iron 1; Copper 0.042; Manganese 0.09; Sodium 0.3; Zinc 0.1; Cobalt 0.0005; Molybdenum 0.0007 |
| Manufacturer unspecified | |
| Country Cottage Perennial Flower Food | Magnesium 4.4; Calcium 6.7; Sulfur 4.6; Iron 0.5 |

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