

Fertilizers for the Lake Area – as of April 27, 2011

Orscheln, Camdenton

- Miracle Gro 20-20-20
- Miracle Gro Organic Choice 7-1-2

Wal-Mart, Camdenton

- Scott's Liquid Turf Builder plus Weed Control 25-1-2
- Scott's Turf Builder 32-0-4
- Scott's Turf Builder with crabgrass preventer (apply early spring) 30-0-4
- Scott's Turf Builder Summer Guard 20-0-8
- Scott's Turf Builder 2% Iron 32-0-4
- Expert Lawn Food 29-0-4
- Expert Weed and Feed 28-0-3
- Expert Crab Grass Preventer 30-0-4
- Pennington 1 Step Complete 1-0-0
- Scott's Turf Builder E-Z Seed 1-0-0
- Preen Garden Weed Preventer and Fertilizer 9-12-9
- Miracle Gro Liquid Feed 12-4-8
- Osmocote Plant Food Flower and Vegetable 14-14-14
- Osmocote Plant Food Outdoor and Indoor Plants 19-6-12
- Miracle Gro Shake and Feed 10-10-10
- Holly-tone 4-3-4
- Plant-tone 5-3-3
- Expert Plant Food 12-5-7
- Miracle Gro Plant Food 24-8-16
- Bayer Advanced Rose and Flower Care 9-14-9 and 6-9-6
- Miracle Gro Tomato 18-18-21
- Pennington Tomato and Vegetable 9-12-12
- Pennington All Purpose Plant Food 6-10-10

Wal-Mart, Osage Beach – same as Camdenton, but in addition (may have just missed these in Camdenton):

- HJE All Purpose Fertilizer Phos-Free 10-0-10 and 12-0-12
- Milorganite 5-2-0
- Scott's Patch Master 3-3-0

Home Depot

- Miracle Gro Shake and Feed 10-10-10
- Colorburst Flowering Plant Food 15-30-15
- Bayer Advanced Rose and Flower Care 9-14-9 and 6-9-6
- Preen Weed Preventer Garden 9-12-9
- Natural and Organic Dynamite Master Magic 8-5-5

LOWES

- Pennington 1 Step Complete 1-0-0
- Sta-Green Weed and Feed 28-0-4
- Scott's Turf Builder Lawn and Soil 0.08-0.03-0.02
- Just Natural Composted Cow Manure 0.5-0.5-0.2
- Black Kow Composted Cow manure 0.5-0.5-0.5
- Just natural Mushroom Compost
- Scotts Turf Builder Weed Control 28-1-4
- Sta-Green Phos Free Lawn Fertilizer and 2% Iron 29-0-5
- Scott's Turf Builder Lawn Fertilizer 32-0-4
- Scott's Green Max Lawn Fertilizer 22-2-2
- Scott's Starter Turf Builder 24-24-24
- Pennington Lawn Starter Fertilizer 18-24-6
- Ironite 1-0-1
- Scott's organic Choice 11-2-2
- Pennington Fast Acting Lime
- Soil Doctor Pelletized Lawn Lime
- Milorganite 5-2-0
- HJE All Season All Purpose Fertilizer 13-13-13 and 10-10-10
- Pennington Gypsum Plus
- Signature Pelletized Gypsum
- Bayer Advanced Grub Control 6-0-1
- Pennington Lawn Starter Fertilizer 18-24-6
- Green View Grass Seed Accelerator 0.7—1.4-0.4
- Sta-Green Starter Seed and Sod 0.06-0.08-0.04
- Sta-Green Crab EX Plus 30-0-3
- Organic Choice Bone Meal 6-9-0
- Osmocote Plant Food Flower and Vegetable 14-14-14
- Osmocote Plant Food Outdoor and Indoor Plants 19-6-12
- Miracle Gro All Purpose Plant Food
- Lilly Miller Ultra Green All Purpose Plant Food 10-10-10
- Miracle Gro All Purpose Plant Food 24-8-16

Rock Island in Eldon

- Urea—cheapest source of Nitrogen 45,0,0
- MFA plant Food (Good source for P and K) 6,24,24

MFA in Versailles

- Urea—cheapest source of Nitrogen 45,0,0
- MFA Plant Food (good source for P and K) 6,24,24

MFA plant Food

Good source for P and K 6 24 24

Morgan County Seeds
 18761 Kelsay Rd.
 Barnett, MO 65011
 573-378-2655

- Tomato Fertilizer 4-18-38
- Osmocote Time Release Fertilizers 14-14-14 3-4 mos
release
- 13-13-13 8-9 mos
release
- 15-9-12 Plus
- 15-8-11 tablets
- Harrell's Time Release Fertilizer 18-6-12 5-6 mos
- 19-6-13 3-4 mos
- Ferti-Lome Root Stimulator 4-10-3 + B-1
- Fertrell Fish Fertilizer #1 4-1-1
- Daniels Plant Food 10-4-3
- Neptune's Harvest Fish/seaweed 2-3-1
- Neptune's Harvest Fish Fertilizer 2-4-1
- Hi-Yield Ammonium Sulphate 21-0-0
- Hi-Yield Grower's Special 12-6-6 plus trace elements
- Hi-Yield Super Phosphate 0-18-0
- Fertell Blue Label 1-1-1
- Hi-Yield Garden Fertilizer 8-10-8
- Hi-Yield Tomato and Vegetable Food 4-10-6
- Fertrell Holly Care (acid loving plants) 4-6-4
- Monty's Joy Juice
- Green Label Seed Starter 4-15-12
- Orange Label Bloom and Yield Enhancer 2-15-15
- Yellow Label Growth 8-16-8
- Other Liquid Fertilizers
- 0-0-25-17S
- 9-18-9
- 30-0-0
- Zone Brand Liquid Formula 71B Fertilizers
- 3-18-18
- 10-20-10
- Peter's Fertilizer
- 20-20-20 All Purpose
- Cal-Mag 15-5-15 4Ca 2Mg
- 10-30-20 Blossom Booster
- 20-10-20 Peat Lite
- 21-5-20 All Purpose

- 15-10-30 Pot Mum Special Blend
- 9-45-15 Plant Starter
- 15-16-17 Peat Lite
- 15-0-15 Dark Weather Feeder
- 20-3-19 Petunia Special
- Cotton Seed Meal 6-1-1
- Bradfield Organic Fertilizer
 - Luscious Lawn and Garden 3-1-5
 - Perfect Pasture and Farm 4-1-4
 - Corn Gluten 9-0-0
 - Tasty Tomato 3-3-3
 - Vibrant Veggie 2-3-6
 - Acid Adoring 4-5-5
 - Riveting Roses 4-6-3
- Hi-Yield Dried Blood Meal 12-0-0
- Hi-Yield Bone Meal 0-12-0
- Greensand 0-1-7 + 30 trace minerals
- CalPhos 0-20-0 plus 20Ca
- Fertrell Phostrell 0-6-0

Nitrogen (first number)	Phosphorus (second number)	Potassium (third number)
<p>Nitrogen is a primary nutrient that really makes plants "grow." When you put fertilizer on your lawn, most of the "green-up and grow" comes from the nitrogen.</p> <ul style="list-style-type: none"> • There are 'quick release' and 'slow release' forms of nitrogen. Slow release forms are more expensive but remain effective for a longer period of time. Organic fertilizers are slow release, and have less potential to "burn" plants. • Nitrogen produces vegetative growth in plants, but too much nitrogen can cause problems. One problem is succulent growth, which makes 	<p>Phosphorus is a primary nutrient that encourages rooting, blooming and fruit production in plants.</p> <ul style="list-style-type: none"> • Vegetable gardeners have typically been told to apply 5-10-5 since the higher middle number (P) helps vegetable production. • Phosphorus is important for root-growth and blooming in plants, and is the main ingredient in "starter fertilizers" as well as liquid fertilizer "bloom boosters". • Applications of super-phosphate (0-20-0), triple super-phosphate (0-46-0), or bone meal (organic source) can be used to correct 	<p>Potassium helps plants resist disease and aids in winter hardiness. ("K" is the symbol for "kalium" or potash, and is commonly used to represent potassium)</p> <ul style="list-style-type: none"> • Most 'winterizer' fertilizers used on lawns in late fall are high in Potassium, since it promotes winter hardiness in turfgrasses. • Potassium fertilizers have a high "salt index" and should be used with caution, since they can "burn" plant foliage. • Most "complete" fertilizers contain potassium since it is fairly mobile, and readily leaches out of

<p>a plant more susceptible to certain diseases.</p> <ul style="list-style-type: none"> • 78% of our atmosphere is nitrogen, and rain and snow account for 2 to 12 pounds of actual nitrogen per acre (43,560 square feet), per year. "Lightning charged rain" is high in NH4 and NO3. Snow has been called "poor man's manure". . . now you know why! • Plants in the Legume family "fix" atmospheric nitrogen into the soil. Peas, beans, clover, and alfalfa are legumes, as well as Black Locust trees. 	<p>deficiencies.</p> <ul style="list-style-type: none"> • Since phosphorus moves very slowly through the soil, it should be incorporated into the soil prior to, or during planting. In existing lawns, we recommend core-aeration prior to phosphorus application. 	<p>the soil profile.</p>
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Organic Fertilizers and Herbicides:

Morgan County Seed is a good source. They are located at:
 18761 Kelsay Road
 Barnett, MO 65011-3009
 (573) 378-2655

Organic Fertilizers: Organic fertilization can be done anytime of the year without burning out grass. It is scheduled differently. Organic materials work by feeding the microorganisms and invertebrates present in the soil and they actually release the nutrients into the soil. You probably know this, but it is a process that works more slowly but lasts a longer time.

The Corn Gluten products can be applied now as a natural herbicide as it puts a fuzzy coat on seeds so that they won't germinate. It should not be applied to lawns at the same time as the lawn is seeded as it has the same effect on grass seed. It can be applied after the grass has germinated.

Grub Control: Morgan County Seed also carries Milky Spore. It is a natural product that can be used for grub control. When applied directly to the area where grubs are feeding it will kill the grubs but not other wanted insects like our pollinators the butterflies and bees and other beneficial insects.

Other Natural Products: Morgan County Seed carries the most products that you hear of but don't know where to find. Such things as Horticultural Vinegar for weed control and BT and Insecticidal soap which are effective but not as harmful.

Organic products should be tried first when using Integrated Pest Management.