



## Trusted by golf course professionals and homeowners for over 95 years.

**ALL PURPOSE.** Milorganite is an all-purpose, slow-release nitrogen fertilizer composed of heat dried microbes that have digested the organic matter in wastewater. It can be used on lawns, shrubs, trees, flowers, vegetables and as a seed carrier. See back for recommended application guidelines.

**DOES NOT BURN.** Milorganite's salt-free formula will not burn plants or scorch lawns even in the hottest temperatures and driest conditions.

**SLOW RELEASE—FEEDS UP TO 8-10 WEEKS.** Milorganite releases its nutrients slowly and feeds plants and soil on a constant basis resulting in uniform growth and well-established root systems.

**DOESN'T HAVE TO BE WATERED-IN.** Milorganite doesn't need to be watered in after application. It's ready to work when moisture arrives, making it ideal for areas with water restrictions.

**IRON FOR ENHANCED GREENING.** Iron is essential to make plants green. Greening power is what you'll get from Milorganite—our iron is organically complex and readily absorbed by plants. Milorganite even works in poor soils, regardless of soil pH, and will NOT stain nearby walks, patios, drives, fences or walls.

**SEEDING WITH MILORGANITE.** Add Milorganite when seeding for a fast-developing lawn. The slow-release nitrogen releases as the seedlings need it. The non-leaching phosphorus is available to immature roots to aid in giving energy to support fast growth, and won't burn tender seedlings.

**SAFE FOR CHILDREN AND PETS.** Milorganite is safe for your children and pets when used as directed and stored out of their reach. Milorganite is composed of organic matter and nutrients and contains no added pesticides or herbicides.

**ADDS ORGANIC MATTER.** Organic matter in Milorganite feeds microorganisms in the soil, improving the foundation which plants grow. Enriching the soil with organic matter improves soil structure which improves the soil's capacity to hold water and nutrients. Healthy soil is the long term key to lawn and garden success.

**APPLICATION GUIDELINES.** A 32 lb bag of Milorganite covers 2,500 sq ft. For best results, four lawn applications per year are recommended. Please see the back for lawn, flower, vegetable, fruit, tree, and shrub application schedule and rates.



**ALL PURPOSE** lawns | flowers | vegetables | trees | shrubs

# Application Guidelines

3 cups of Milorganite = 1 lb

## LAWNS

### NORTHERN GRASSES (COOL SEASON) *(Kentucky Bluegrass, Fescue, Perennial Ryegrass)*

<p><b>*Four Applications - 32 lbs per 2,500 sq ft</b></p> <ul style="list-style-type: none"> <li>• Memorial Day (<i>late Spring</i>)</li> <li>• 4th of July (<i>mid-Summer</i>)</li> <li>• Labor Day (<i>early Fall</i>)</li> <li>• Thanksgiving (<i>Dormant Feeding</i>)</li> </ul>	<p>Apply last application as late in the season as possible before the first deep freeze or snow fall. This fertilizer application is known as dormant feeding. Fertilizing this late in the season will allow for an early spring green up.</p>
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### SOUTHERN GRASSES (WARM SEASON) *(Bermuda, St. Augustine, Centipedegrass, Bahia & Zoysia)*

<p><b>*Four Applications - 32 lbs per 2,500 sq ft</b></p> <ul style="list-style-type: none"> <li>• Easter (<i>after turf breaks dormancy</i>)</li> <li>• Memorial Day (<i>late Spring</i>)</li> <li>• Labor Day (<i>early Fall</i>)</li> <li>• Early October (<i>or when overseeding</i>)</li> </ul>	<p>In regions where killing frosts can be expected, avoid nitrogen applications to warm-season grasses in the fall less than one month prior to the average date of the first killing frost. For best results, fertilize when overseeding. Centipedegrass and Bahia grass prefer spring and summer feedings. Avoid late fall fertilization of these species to prevent possible winter kill.</p>
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\*FL, MD & MI: Apply Milorganite two times per year at the rate of 32 lbs per 5,200 sq ft (per state regulations). Check with local ordinances for fertilizer blackout dates.

## NEW LAWNS

<p><b>**64 lbs per 2,500 sq ft</b></p> <p>Seed Bed or Sodding Preparation</p>	<p>64 lbs per 2,500 sq ft. Mix 64 lbs per 2,500 sq ft into the top 2" of soil before seeding or sodding. After third mowing of the new lawn, apply one 32 lb bag of Milorganite per 2,500 sq ft. Re-fertilize every 8-10 weeks until lawn is established.</p>
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\*\*VA apply 32 lbs per 2,500 sq ft. Rates not applicable in FL.

## SHRUBS

<p><b>Transplanted Shrubs</b> ½ lb per ft of shrub height</p>	<p>Mix with soil at the bottom of the hole prior to inserting shrub. Three months later, hand spread 2 lbs of Milorganite under the plant and lightly rake into the soil.</p>
<p><b>Established Shrubs</b> 5 lbs per 100 sq ft</p>	<p>Shrubs growing in a lawn that is regularly fertilized, there is usually little need to fertilize them separately. Scatter uniformly over the soil surface and work in with a hoe or rake. For individual shrubs, apply 1 lb of Milorganite per shrub in the root area.</p>

## FLOWERS

### ANNUALS

<p><b>Two Applications</b></p> <ul style="list-style-type: none"> <li>• Spring (<i>prior to planting</i>) - 1 ½ lbs (4 ½ cups) per 50 sq ft</li> <li>• Summer (<i>budding</i>) - 1 lb (3 cups) per 50 sq ft</li> </ul>	<p>Mix into soil when preparing flower bed or container. When flower buds form, apply an additional application.</p>
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### PERENNIALS

<p><b>Two Applications</b> 2 ½ lbs (7 ½ cups) per 50 sq ft</p> <ul style="list-style-type: none"> <li>• Spring</li> <li>• Summer</li> </ul>	<p>Apply in spring and again after plants bloom to strengthen plants for the following year.</p>
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## VEGETABLES

<p><b>Two Applications</b> 4 ½ lbs (13 ½ cups) per 50 sq ft ½ cup per plant</p> <ul style="list-style-type: none"> <li>• Prior to planting</li> <li>• Halfway through growing season</li> </ul>	<p>Prior to planting, work Milorganite into the soil. Halfway through growing season sprinkle Milorganite around plants or between planted rows to feed your garden.</p>
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## FRUITS

<p><b>Fruiting Trees and Shrubs</b> Apply 1 lb (3 cups) per tree per year of age, when leaves lose their natural green color.</p> <p><b>Strawberries</b> First Year - Apply ¾ lbs (2 ½ cups) per 50 sq ft or 1 tbsp per plant Bearing Years - Apply 3 lbs per 50 sq ft or 3 tbsp per plant</p>	<p>Do not apply more than 16 lbs per tree per year. Annual applications are usually sufficient for good fruit yields.</p> <p>Work into the soil between planted rows or sprinkle Milorganite and work into the soil of your container. Milorganite encourages growth without interfering with fruiting.</p>
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## TREES

<p><b>Established Trees</b> 5 lbs per inch of trunk diameter</p>	<p>Trees growing in a lawn that is regularly fertilized, there is usually little need to fertilize them separately. Pour into holes (1" wide x 12" deep) spaced 2 ft apart along drip line or broadcast in a circular band around the drip line of the tree.</p>
<p><b>Transplanted Trees</b> ½ lb per ft of tree height</p>	<p>Mix with soil at the bottom of the planting hole prior to inserting the transplanted tree. Three months later, hand spread an equal amount of Milorganite slightly past drip line.</p>

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