



## Lawn, Garden and Landscaping

### Top Dressing Established Lawn

The optimal time for top-dressing a lawn is when the grass is dormant. This can be done manually or with a mechanical spreader.



### Flowers, Shrubs and Trees

Using mushroom compost with hardwood mulch inhibits Artillery Fungus, while providing essential micro-nutrients for plant grow.



### Vegetable Gardening

Open garden or high tunnel will depend on the type of vegetables to be grown. Consult with your local Extension Service for guidance.

### Additional Applications

- 🍄 Vineyards/Hops
- 🍄 Mine Reclamation Projects
- 🍄 Wetland Material
- 🍄 Storm Water Management Basins
- 🍄 Stream Retrofit Material
- 🍄 Highway Site Remediation
- 🍄 Parking Lot Islands
- 🍄 Green Roofs
- 🍄 Filtration Socks
- 🍄 Compost Blankets
- 🍄 Community Beautification
- 🍄 Erosion Control
- 🍄 Brownfields
- 🍄 Horticulture Supplement
- 🍄 Turf Establishment

# THE GOLD STANDARD FOR Compost



Visit us at [FullCircleMushroomCompost.com](http://FullCircleMushroomCompost.com) for our online calculator

Length x width x depth

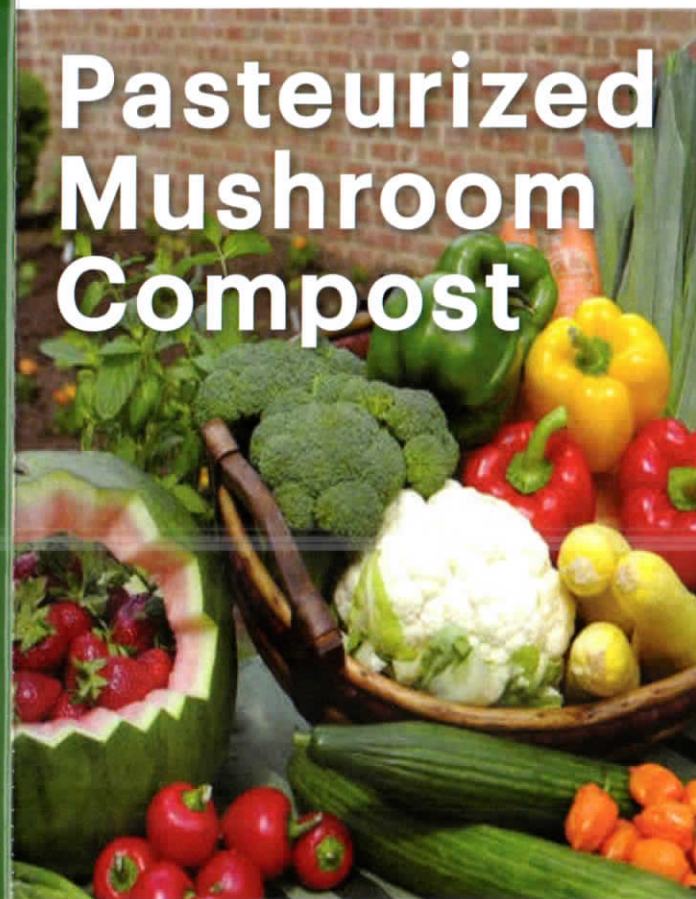
27

= Cubic yards (cy)

\*Measurements are in feet



## Pasteurized Mushroom Compost



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## Chemical Analysis

Average of 30 samples over 10 years  
of Phase IV Compost

MATERIAL AS IS	value	#/ton	SD of Value
Organic Matter	25.5%		2.8
Moisture	61.2%		3.9
Nitrogen, Total	1.0%	20.7	0.1
Nitrogen Ammonium	0.1%	2.0	0.2
Nitrogen, Organic	0.9%	18.7	0.2
Phosphorus [P2O5]	0.5%	11.0	0.1
Potassium, [K2O]	1.1%	21.9	0.2
Carbon	13.4%		2.1
C:N Ratio	13.3		2.5
Soluble Salts	13.0 mmhos/cm		1.8
Calcium	2.1%	42.1	0.4
Magnesium	0.3%	5.4	0.1
Sulfur	0.8%	15.6	0.2
Copper	45.5 ppm	0.1	18.0
Iron	1012.0 ppm	2.0	394.5
Manganese	131.3 ppm	0.2	24.7
Zinc	77.5 ppm	0.2	17.0
Aluminum	667.5 ppm		242.3
Sodium	1124.9 ppm		365.0
Sodium Adsorption Ratio (SAR)	2.4		0.9



## Benefits of Mushroom Compost

-  Improves soil micro-flora
-  Inhibits artillery fungus in hardwood mulch
-  Used to grow food first
-  Highly formulated and regulated for consistency
-  Supplies micro-nutrients for plant growth
-  High organic matter content
-  Improves water retention during drought conditions
-  Reduces the need for synthetic fertilizer and lime
-  Increases water infiltration in clay soils
-  Produced under sustainable agriculture and environmental stewardship practices
-  Our compost is a registered Soil Amendment/Conditioner in PA, MD and VA
-  Our compost is a Pennsylvania Department of Agriculture (PDA) Preferred product

## What is Pasteurized Mushroom Compost?

The widely known *Agaricus* species consisting of white button, brown crimini and portabella all grow on a substrate that must have pasteurization. The four Phases of substrate processing takes 40-60 days and results in a pasteurized product ready for immediate farming/landscaping application.

### Phase I

The assembly of several ingredients unique to each grower and type of mushroom. The primary components for *Agaricus* species includes: hay, horse bedding straw, corn cobs, poultry manure, brewer's grains, cottonseed meal, natural gypsum, soybean meal and cocoa bean.

### Phase II

Elimination of ammonia and pasteurization is accomplished in a specialized horizontal silo where the air is filtered and the temperature is managed. Pasteurization is necessary to eliminate undesirable microbes that cause diseases of the mushroom and unwanted insects. Pasteurization in the compost is accomplished early in Phase II at 140-185°F.

### Phase III

The substrate is pathogen-free and ready to receive the mushroom seed, called spawn. Peat Moss Casing is necessary for mushrooms to form and grow to harvest size.

### Phase IV

Prior to removing the substrate from the growing house, steam is injected at 140°F into the substrate for 24 hr. Pasteurizing at this time also deactivates mushroom mycelium, weed seed and pest larvae for improved performance for landscape and gardening uses.

