BLOOM GOOD SOIL,® BETTER EARTH. | CONSTRUCTION BENEFITS

Bloom Soil Amendment: Cost Savings Analysis

Bloom is an EPA-certified Class A Exceptional Quality biosolids soil amendment produced at DC Water's Blue Plains Advanced Wastewater Treatment Plant. Rich in organic matter and nutrients, Bloom is used by numerous leading construction companies as a cost effective, sustainable solution to amend existing or imported soil. Landscape architects and civil engineers often recommend utilizing furnished topsoil or compost for the turf and landscaping establishment portion of projects, which can be costly to a project's bottom line. Soil stabilization can be accomplished by either removing the existing topsoil and applying furnished topsoil or amending the existing soil with a compost. This analysis highlights the benefits of using Bloom as an alternative to these products.

Soil Replacement	$ / yd	% Savings
Bloom/Salvage Topsoil Mix	$3.50/yd	-
Bloom/Topsoil Mix	$24.00/yd	85%
Compost/ Topsoil Mix	$37.50/yd	91%
Wholesale Furnished Topsoil	$25.00/yd	86%

Soil Amending	$ / yd	% Savings
Bloom	$3.50/yd	-
Compost	$13.00/yd	73%

*percent savings is calculated against using Fresh Bloom mixed with salvage topsoil

Blending

Blending with Bloom will cost the customer approximately the same amount per day regardless of whether the customer is using existing topsoil or applying furnished topsoil. As with most construction projects, tilling and grading is a required part of the application process. Common machines used for this process are a bobcat for tilling and a dozer for grading. The estimated cost for applying is +/- $3500/ day. The material can be incorporated (tilled in and graded) at the rate of 1 acre per day.

Many distributors offer blends of compost and topsoil that alleviates the difficulties that can arise when the site does not offer the space for onsite blending. A comparable Bloom Topsoil mix is now available for purchase through Grant County Mulch for 36% less than the alternative.

Contact **bloom@bloomsoil.com** or **202-765-3292** x**103** for a quote or more information.

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Savings on recent projects

Urban Zink

Urban Zink saved up to 73% on material costs by using Bloom. Bloom was used to amend topsoil on ballfields and schools in Maryland in lieu of composted products such as Leafgro or Leafgro Gold.

New Point Elementary School, MD

Lane Construction- Brandywine Project

Lane Construction saved approximately $750,000 by avoiding the costly offsite hauling and disposal of existing soil. This project blended 10% Bloom, 30% sand and 60% existing topsoil. This particular blend was needed for the soil to meet SHA specs but not all projects will require additives aside from Bloom.

Walsh Group- South Capitol Bridge

Although this project is still underway, the cost savings are estimated to be up to $300,000. The South Capitol Bridge (SCB) project is an ongoing project that is blending existing topsoil with up to 10,000 yards of Bloom. Some parts of the landscaping will utilize furnished topsoil, but with the use of Bloom, costs are significantly lower.

Lane Construction- Brandywine Project

An additive of sulfur was needed to lower the pH to meet the spec, however, the SCB team alongside DC Water is researching Bloom's impact on the pH of alkaline soils. The use of additives may not be necessary to reduce the pH to optimal levels for plant growth.

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