



PermaMatrix® BSP
FOUNDATION

Cultivate Sustainability

Minerals

- Provide the essential vitamins plants need for vigorous development, derived from locally sourced Basalt.

Soil Humus

- Provides humic acids required for plant vigor
- Sourced from sustainable organic matter

Biochar is life supporting soil carbon that is highly porous and essential to plant development.

- Provides superior habitat for microbial and fungal development
- Increases nitrogen delivery to plants (Carbon Link™)
- Reduces nitrate leaching
- Increases soil moisture retention and fertilizer efficiency

A New Carbon Soil Builder



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Made in USA



Net Wt 6 lbs / 2.72 kg



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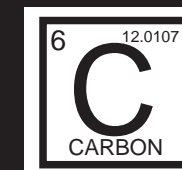
Cultivate Sustainability

USES for PermaMatrix® BSP FOUNDATION

- Add to potting soils used in planter pots
- Incorporate into plant beds
- Apply directly to lawns

Easily applied using a broadcast or drop spreader at the recommended rates.

For detailed application rates visit permamatrixbsp.com/apprates



A CARBON based soil builder containing biochar, minerals, organics and living micro-biological elements that replenishes tired and worn out soil the same way that Nature does.

PermaMatrix® BSP **Foundation** contains biochar — important biological carbon that:

- improves soil structure
- retains soil moisture
- supports living soil micro-organisms

PermaMatrix® BSP **Foundation** delivers nutrients through soil to the plant using a unique CARBON LINK™. It's the organic solution to overuse of petroleum based fertilizers.

PermaMatrix BSP Foundation
General Purpose Biotic Soil Amendment for All Plants
CONTAINS NON-PLANT FOOD INGREDIENTS
ACTIVE INGREDIENTS 3.5%

Microbial Inoculants (Nitrogen Fixers):

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Azospirillum lipoferum	2.76x10 ⁸ CFU/lb
Azospirillum brasilense	2.76x10 ⁸ CFU/lb

Microbial Inoculants (Biochemical Decomposers):

Bacillus subtilis	9.12x10 ¹¹ CFU/lb
Bacillus licheniformis	7.30x10 ¹¹ CFU/lb
Bacillus amyloliquefaciens	1.82x10 ¹¹ CFU/lb

Endomycorrhizal Fungi:

Glomus intraradices	1.1 propagules/g
Glomus mosseae	1.1 propagules/g
Glomus aggregatum	1.1 propagules/g
Glomus etunicatum	1.1 propagules/g

Ectomycorrhizal Fungi:

Pisolithus tinctorius	3,964 propagules/g
Rhizopogon villosulus	110 propagules/g
Rhizopogon luteolus	110 propagules/g
Rhizopogon amylopogon	110 propagules/g
Rhizopogon fulvicleba	110 propagules/g
Scleroderma cepa	220 propagules/g
Scleroderma citrinum	220 propagules/g

OTHER SOIL AMENDING INGREDIENTS 96.5%

Soil Amending Ingredients: Basalt, Reed Sedge Peat, Doug Fir Forest Biochar
Directions for use: Broadcast, Drill or Apply by Hand to all soils to enhance biological activity
Purpose: Nitrogen fixation and Biochemical Decomposition
Storage: Store in a cool dry place

PermaMatrix Inc. PO Box 1210, Fairview, OR 97024 www.permamatrixbsp.com
Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

PermaMatrix® BSP Foundation App Rate

Per 1,000 Square Feet	12 lbs
Per Cubic Yard Bulk Soil Mix	6-12 lbs
Per Cubic Foot Soil Mix	3-6 oz