

A New Carbon Soil Builder



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



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Made in USA



Net Wt 12 lbs / 5.44 kg



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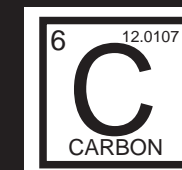
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USES for PermaMatrix® BSP FOUNDATION

- 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):

| | |
|---|-----------------------------|
| Microbial Inoculants (Nitrogen Fixers): | |
| 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 |