

DIRECTIONS

Activate product by combining raw biochar with the microbial soil inoculant in a 50:50 ratio using a bucket, wheelbarrow, or tarp in a well-ventilated area. Lightly wet combined materials and mix by gently folding the dry inoculant into the biochar. Dry amendment may become airborne, so we recommend wearing a mask while mixing. Once mixed, use within 24 hours or incorporate into compost for later use. Follow application rates below.

APPLICATION RATES & INSTRUCTIONS

• Trees

Planting New Trees

- For a tree with a ½" trunk diameter, combine 2 cups of mixed Probiotic Biochar Soil Amendment with ½ gallon (8 cups) of compost (see table for larger trees)
- Thoroughly mix into native soil excavated while digging planting hole
- Plant tree into amended soil and water thoroughly to remove air pockets
- For trees larger than ½" trunk diameter, adjust application rate of mixed Probiotic Biochar Soil Amendment by 1 cup for every ½" of tree trunk diameter and maintain ratio of 4 cups of compost for every 1 cup of Amendment

TREE TRUNK DIAMETER	PROBIOTIC BIOCHAR SOIL AMENDMENT	COMPOST
< ½"	2 Cups	8 Cups
½" - 1"	3 Cups	12 Cups
1"	4 Cups	16 Cups
2"	6 Cups	24 Cups
3"	8 Cups	32 Cups

Top-Dressing Existing Trees

- Per inch of trunk diameter, combine 2 cups of mixed Probiotic Biochar Soil Amendment with 1 gallon (16 cups) of compost
- Gently pull back existing mulch and top-dress out to drip line with Amendment and cover with fresh hardwood mulch
- Repeat annually in the fall

• Gardens

New Garden Beds

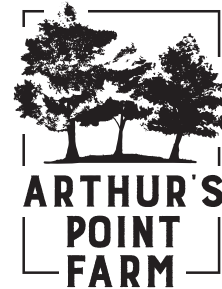
- Entire contents of Probiotic Biochar Soil Amendment box (1 cubic foot), mixed with one cubic yard of compost is sufficient for 175 square feet of new garden bed
- Work into the soil to a depth of approximately 4-6" (this will amount to about 50% soil and 50% compost and Probiotic Biochar Soil Amendment)

Existing Garden Beds

- Entire contents of Probiotic Biochar Soil Amendment box (1 cubic foot), mixed with one cubic yard of compost is sufficient for 600 square feet of garden bed
- Gently rake into the existing soil to a depth of at least 1"
- Repeat annually in the fall

• Compost

Entire contents of Probiotic Biochar Soil Amendment box (1 cubic foot) is sufficient for recharging 40-80 gallons of compost for a ~5-10% biochar-compost mix



PROBIOTIC BIOCHAR SOIL AMENDMENT

Recharges, Conditions, Inoculates,
and Enhances Soil Health



For More Information

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Directions and Recommended Applications Rates