



BIO SOIL

FOR TREES, SHRUBS, WOODY PLANTS & BACTERIA-DOMINANT SOILS

| <u>Soil Amending Ingredients</u> | <u>Quantity</u> |
|--------------------------------------|-----------------|
| <i>Mesorhizobium alhagi</i> | 3.16e+3 cfu/ml |
| <i>Clostridium chauvoei</i> | 3.75e+2 cfu/ml |
| <i>Bacillus megaterium</i> | 1.30e+2 cfu/ml |
| <i>Penicillium pinitescens</i> | 632.96 IU/ml |
| <i>Aspergillus deflexus</i> | 201.24 IU/ml |
| <i>Trichoderma polysporum</i> | 61.92 IU/ml |
| <i>Penicillium oxalicum</i> | 58.48 IU/ml |



www.WindRiverMicrobes.com

1 US gallon / 128 fl oz
100% Natural Biostimulant



BIO SOIL is 100% natural mix of billions of beneficial microbes - bacteria and fungi - that plants must have for full health. Our proprietary mix of microbes strengthens the ecosystem in soils or other growing media. Woody plants can't directly consume most nutrition bound up in soil; they depend on microbes to process it for them, to make nutrients "bioavailable." Woody plants team with microbes to defend themselves against pests and pathogens such as blight, rusts, root rot, and harmful insects, to moderate pH and salinity and to improve water retention and soil aeration. Microbes play a vital role in promoting cellulose and lignin growth which form cell walls.

For complete details on this, and other Wind River Microbes products, visit www.WindRiverMicrobes.com.

| General Directions for Use | | | SHAKE WELL before adding water |
|------------------------------|-------|---|---|
| Treatment | Media | Dosage | Frequency |
| Individual shrub or sapling | Soil | Mix 2oz (or 4 Tablespoons) per one gallon water and water soil liberally. Foliar Spray: Mix 1-2oz per one gallon water and spray leaves liberally. | Apply once every 14 days Apply once weekly |
| 2-3 year-old trees | Soil | Mix 4oz (or 8 Tablespoons) per one gallon water and water soil liberally. Foliar Spray: Mix 3oz per one gallon water and spray leaves liberally. | Apply once every 21-30 days Apply 1-2 times per week |
| Mature trees, small orchards | Soil | Mix 2 gallons with 30 gallons water, per each acre of land. Spray soil liberally, then water thoroughly. Foliar spray: Mix one quart per 20 gallons water and spray canopy liberally. | Apply every 30-60 days Apply once weekly |
| Transplanting young trees | Soil | Mix one quart with 10 gallons water. After placing tree in hole, pour mixture around root ball. Pack hole with desired soil or growing media. | One initial application. Then follow "2-3 year-old trees" |
| Orchard irrigation | Soil | Add 1 gallon per each 20 gallons water volume. | Once monthly, or as needed |

Storage: For full product shelf life, store at 45-85°F. KEEP OUT of direct sunlight. DO NOT freeze.

Safety: The microorganisms used in this product are not likely to cause illness to healthy humans. NOT RECOMMENDED FOR HUMAN CONSUMPTION. Personal protection equipment (PPE) may or may not be used by applicator. It is not necessary to remove pets nor livestock when applying. Floating particulates may be present, as well as a slightly pungent odor.

DISCLAIMER/NOTICE TO BUYER: To the extent consistent with applicable law, seller warrants that this product conforms to description on the label and is reasonably fit for purposes stated on this label only when used in accordance with directions under normal conditions. This warranty does not extend to use of this product contrary to label directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller. Buyer assumes all risk of any such use. To the extent consistent with applicable law, seller makes no warranties, expressed nor implied.

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For best results, use within one year of purchase

