



Products Information

For Military Installations



Bison Soil Supports DoD-DOE Energy Efficiency & Net Zero

Bison Soil helps military installations achieve numerous goals of the joint US Department of Defense –Department of Energy (DoD-DOE) Initiative to promote energy efficiency and military energy independence. Our experts have guided hundreds of government and private sector projects into energy efficiency and sustainability during the past three decades. Bison Soil services and products will directly support specific goals of: energy reduction, renewable energy generation, water use reduction, water re-use, waste reduction and waste repurposing. In addition, our soil amendments and environmental remediation products are direct offsets of greenhouse gases because they are based entirely on sequestered, plant-based, landfill derived carbon.

Bison Soil Products are USDA Certified Biobased and listed BioPreferred

Bison Soil helps military installations meet the US Government biobased products purchasing requirements as administered by the US Department of Agriculture. Biobased products help our military achieve supply chain independence because they are composed of renewable, domestic agriculture and forestry materials. All

Bison Soil products are third-party laboratory certified USDA Biobased. Bison Soil has obtained all US Government contractor and product registrations to enable use by federal agencies and for all federal contracts.

CharClean – A Sorbent, Deodorizer, & Remediation Product

CharClean is a natural, USDA Certified Biobased sorbent, deodorizer & remediation product activated for superior removal and capture of heavy metals and organic compounds including PAHs, petroleum and pesticides in air, soil, & water. CharClean is also an exceptional soil amendment that enhances soil suitability and plant growth for reclamation of previously disturbed land.

CharClean Works by: 1) adsorbing heavy metals, organic compounds, and petroleum products thereby removing the material from contact with plants, animals and humans; 2) supporting systemic resistance to disease in plants and fostering the introduction of beneficial microbes which also promote remediation; and 3) improving the overall soil quality which results in increased plant production. Specifically, increased vegetative cover and seed emergence, faster shoot emergence with greater shoot numbers with greater height, and greater biomass.

CharClean is derived from 100% renewable plant-based feedstock including landfill derived materials.

Bison Soil Organic Biochar – A Natural, Sustainable Soil Amendment

Bison Soil Organic Biochar is sold by Bison Soil and optimized for superior performance to enhance plant growth by retaining nutrients and water; improving soil physical, chemical and biological properties; enhancing plant growth with fewer inputs; increasing beneficial microbial colonization; and suppressing disease. Bison Soil Organic Biochar is not only good for soil and plants, but it is also good for the planet because it is a natural, USDA Certified Biobased soil amendment that is derived from 100% renewable, clean, plant-based feedstock including landfill derived materials.

In general, Bison Soil Organic Biochar should be applied to the top four to six inches of the soil by mixing well by hand or roto-tiller. The application rate varies by soil type, and is in the range of 2 to 7 cubic feet (approx. 80 to 200 pounds) of Bison Soil Organic Biochar per 100 square feet. For detailed application recommendations, visit www.BisonSoil.com. If you do not know your soil type or condition, obtain a soil test from your local extension office.