

ByoSoil 100 Soil Conditioner



Texas, USA

Pasture treatment improved yield

A pasture was treated in Texas to increase cuttings/season and raise protein levels.

Basis of Treatment

ByoSoil 100 (patent pending) is a blend of a number of unique components designed to correct soil problems and provide basic nutrient requirements of plants and crops. The primary ingredients include a proprietary humic acid extract, a blend of N-P-K nutrients, essential soil microbes, a proprietary microbial biostimulant.

The product is scientifically designed to restore and maintain naturally beneficial microbial colonies in multiple soil environments. ByoSoil 100 is engineered with nine enhanced plant beneficial soil microbes and is assimilated by plants on a cellular level. This advanced formulas increases natural biological activity, detoxifies soil from contaminants, accelerates root development for critical nutrient storage, protects against pathogenic diseases, and transports valuable nutrients from the soil into the cell membrane of the plant.

ByoSoil 100 contains an advanced biostimulant, alkaloid compound that is derived from plant extracts, primarily aloe vera and kelp. This patented component provides for microbial stimulation that functions at a sub-enzymatic level – naturally increasing biological activity and facilitating beneficial microbial outcomes.

Treatment

A pasture was treated with 64 ounces per acre. The previous conventional fertilizer treatments were at 200 and 300 pounds per acre for application 1 and 2 respectively.

Hay cuttings were increased from two per season to three. First cutting protein levels were 14.2% for Klein and 17.5% for Coastal. Second cutting protein levels were 15.4% for Klein and 23.6% for Coastal.