

# NATURAL GUARD SOIL ACTIVATOR

All natural soil activator is a humate, which is concentrated organic compost containing a high percentage of humic acid. Humic acids are the most biochemical active and important group of organic soil materials. It holds the "locked-in" nutrients in usable forms and releases them to the growing plants or grass roots as needed. The thatch layer in a lawn has tremendous potential nutrients when "broken" down by "Activator" and made available to the turf. Soil Activator is a safe and natural way to return the valuable nutrients found in thatch and grass clippings to the soil.

Humate improves tilth or workability of the soil. Heavy clay dirt becomes viable soil able to support a healthy plant. Soils where humate has been added will work or crumble easier and allow a better root system to establish. Humate can reduce soil erosion on a slope by promoting desirable drainage and better water uptake. Humate by itself is not a source of fertilizer, nor does it restore organic matter to the soil in any measurable amount. In turf, the organic matter will come from decomposed grass clippings and thatch break down.

### Soil Amendment:

This product can be incorporated into the soil prior to planting annuals, vegetables, bulbs, shrubs, perennials, or trees. Incorporate 2 pounds of activator per 100 square feet of bed. Perlite and an organic compost will improve the structure of the soil. Container plantings or houseplants will benefit from an application of Soil Activator every 3-4 months.



### Turf Management:

Soil Activator is compatible with any turf food, but superior results are achieved when used in conjunction with organic fertilizer such as Milorganite, Pro-Rich, or Poultry Manure. This combination can also be used in flowerbeds, shrub plantings, and around trees. Soil Activator should be used in heavy clay soils at the rate of 20 pounds per thousand square feet. On heavy soils, use Soil Activator twice a year, once with first fertilization in spring and again in September or October. Aeration prior to application will allow the product to produce the best results. Immediately water deeply with  $\frac{3}{4}$ "-1" moisture. Within two years a very remarkable change is usually seen. After a couple years, a single yearly application should be sufficient. Soil Activator can then be used at the rate of 10 pounds per thousand square feet of turf as a maintenance program.