# NuHumic WDG

featuring verge granular technology

***NuHumic WDG is a technically woven, humic acid-based soil conditioner that combines humic acids with VERGE™, a leading edge dispersing granule. NuHumic WDG's novel granule complex introduces a new dimension to humic acid products – providing a reliable source of unparalleled levels of soluble humic acid to the plant rootzone without having to rely on inconsistent geochemical or microbial reactions to breakdown parent materials (such as Leonardite fines) used in many other humic acid granule products.***

***With the introduction of NuHumic WDG, innovative concepts and leading edge technologies are moved to reality. More importantly, the use of NuHumic WDG allows the turfgrass manager to profit from a product that redefines humic acid performance.***

NuHumic WDG humic acid fractions improve the soil structure and enrich the properties of soil by increasing the exchange capacity and buffering qualities, increasing the retention of applied fertilizers in the soil profile, promoting the chelation of many elements and improving their plant uptake.

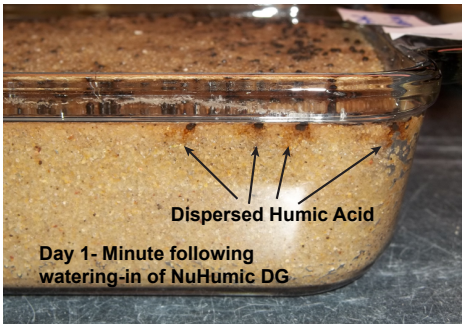
The NuHumic WDG granules incorporate a patented clay and leonardite complex within the proprietary Verge dispersing granule's composition.

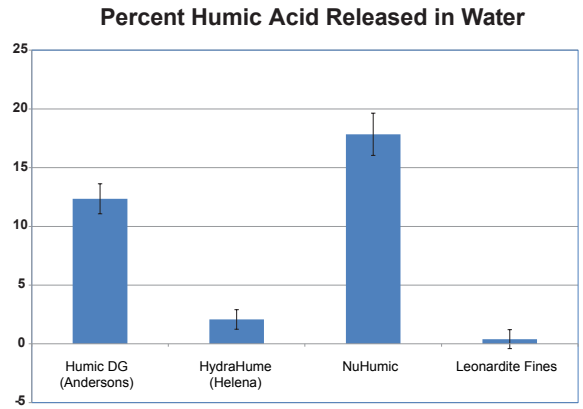
verge™

**Rapid Release HA Delivery System**

**Unlike some other humic acid granule products, NuHumic does not rely on the uncertainties associated with the need for precursors, biochemical reactions and enhanced microbial populations to solubilize its humic acids.**

The NuHumic WDG Verge granule has been engineered to rapidly release its high humic acid content following a watering-in cycle.

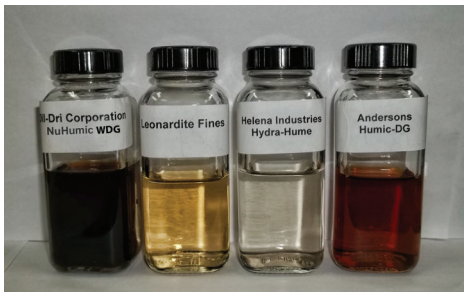



Results of water extraction test. Results determined using modified version of the California Method for Determining Humic Acid.

Levels of humic acids sufficient to initiate reactions needed to improve the soil structure, enrich the properties of soil and provide benefits to plants are quickly established with the use of NuHumic WDG.

It should be noted that unless HAs are soluble, they are inactive in soils and unavailable to plants. **So regardless of the stated source material and humic acid content, the key consideration is the percent of soluble humic acids released from the soil conditioner in the soil.**




Darker brown color of NuHumic WDG sample indicates a higher percentage of soluble humic acids in water extract.

**Uniform distribution of granules and active ingredient**

Application tests using a rotary spreader show that Verge granules are more evenly distributed across the swath width regardless of distance from the spreader.

**NuHumic and Fertilizers**

NuHumic WDG is well suited for use with dry fertilizers.

Microbes are attracted to the HA carbon source "coating" and the fertilizer is digested by these microbial colonies.

This biochemical process promotes the retention of the fertilizer in the root zone so that leaching is minimized.

Humic acid chelation of fertilizer and trace elements also markedly increases plant uptake thereby providing more nutrients to the plant and a better yield.

**DIRECTIONS FOR GENERAL TURF and Ornamentals USE**

Turf: Apply NuHumic WDG at 40 to 180 pounds per acre per year. Apply at 1 to 1.5 pounds per 1,000 sq. ft. during the growing season. Can be at time of aeration as top dress application NuHumic WDG can be applied anytime not only at aeration.

Trees and shrubs: Apply at 2 to 7 oz. as a band application around the base of trees or shrubs.

Ornamentals: Apply at 1 to 1.5 pounds per 1,000 sq. as a broadcast application.

Substrates and potting soils: Mix evenly at 2 to 8 pounds per cubic yard.

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***Redefining Humic Acid Performance***

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