



## All Humic Acids are Not Created Equal

To say that all humic acids are the same is to say that all wines are the same. Although most wines come from grapes, there are different growing regions, different varietals, and different blending techniques. In the end, they are all wine, but not all wines are created equal. Humic acids, like wines, are dependent upon the raw materials and the blending techniques used, which determine their purity and efficacy.

Have you ever used a humic acid product that had a significant layer of sludge at the bottom of the container? Has your use of humic products produced inconsistent results or no results at all? Is the price per acre and the quantity needed more than your budget can tolerate? Are you looking for additional nutritional or supplemental value in humic products? If the answer to any of these questions is **yes**, then it is time to take a look at 3 Tier's humic technologies.

**HumaSoil™**, the cornerstone for all 3 Tier Technologies NBN Products™, is a natural, super-saturated, highly soluble, Activated Humic Acid from a unique deposit of broad spectrum humates. 3 Tier's advanced humic technology achieves maximum performance and value through the stringent selection of the highest-grade materials and proprietary processing techniques.

- **The Raw Materials:** Humic acid can be created from several sources including peat, leonardite, and brown coal. Though all have the ability to be transformed into what we know as humic acid, 3 Tier's specific resource is an extremely old coal deposit rich in humates, which offers an unprecedented balance of carbon groups and humic and fulvic acids. While all humic acids are dark brownish-black and look the same, the benefits of high-grade humic acids can only be seen at the molecular level – and in the performance of the product.
- **The Process:** In nature, humic acid molecules bind to metals and methyl groups that must be removed to reactivate the molecule. The process used to free these from the molecule will determine the product's efficacy. Sites that remain bound are unavailable for plants or soils to use. The process we use to create **HumaSoil™** ensures maximum receptor site availability and guarantees a highly soluble product. We leave the ash and ballast at the factory, rather than in the bottom of your container.
- **The Products:** **HumaSoil™** is the foundation of all NBN Products. NBN Products combine **HumaSoil™** with the highest quality natural and food grade elements, along with advanced microbial technologies, creating a line of products that provide multiple benefits for maximum performance and value. NBN products are available as fertilizers, soil conditioners, and nutrient supplements that can be used alone or in combination with each other and with conventional products.

3 Tier's Regenerative Nutrient & Soil Technology™ systems provide the cost effective tools to cleanse your soils, restore nutritional and microbial balance, increase natural disease and insect suppression, and provide an advanced platform for nutrient delivery whether by foliar or soil applications.

Contact your local representative or 3 Tier Technologies to find out how our advanced humic acid line of products will help you find cost effective, high performance solutions for your turf and agricultural needs.