



Application Instructions

For use with conventional and high quality organic granular fertilizers:

- Replace 20 - 50% of soil applied granular NPK with an equal amount by weight of NutriSmart.
- Apply as normal and follow same application method and schedule as normal fertility program.

For use with manures:

- Replace 20 - 50% of manure with the following recommended rates:
- Slow growing or low nutrient demand crops (rice, etc.) - 200 to 350 pounds per acre
 - Fast growing or high nutrient demand crops (fruits, vegetables, trees, etc.) - 400 to 900 pounds per acre
 - Apply as normal and follow same application method and schedule as normal fertility program.

PATENTED OMRI LISTED

SOIL INOCULANT & HUMATE GRANULES

NutriSmart®-B is a patented, environmentally friendly granular soil inoculant and humate soil amendment that fixes nitrogen from the atmosphere, solubilizes phosphate and unlocks potassium from the soil.

HOW DOES NUTRISMART-B WORK?

- NutriSmart-B elicits higher populations of native N-fixing microbes
- The specifically selected microbes contained in each NutriSmart-B granule form a symbiotic community of mutually interdependent nutrient-releasing yeasts
- When the yeast is signaled by the plant that it requires nutrients, NutriSmart-B initiates the conversion and delivery process

NUTRISMART-B SUPPLIES NUTRIENTS BY:

- Nitrogen fixation – microbial conversion of nitrogen into available forms
- NutriSmart-B yeast has shown higher N-fixing ability than common free-living N-fixing microbes
- Microbial solubilization of phosphate into soluble forms of phosphorus
- Unlocking potassium in the soil into exchangeable potassium
- Solubilizing silicon and trace minerals for better plant uptake

SOIL AND ENVIRONMENTAL BENEFITS FROM NUTRISMART-B

- Improves the Nutrient Use Efficiency (NUE) of chemical fertilizers blended with NutriSmart-B and can effectively replace 20-50% of soil applied fertilizer
- Improves soil fertility
- Reduces the leaching of chemical fertilizers
- Increases soil organic matter
- Improves the soil environment for beneficial microbes

PLANT BENEFITS FROM NUTRISMART®-B

- Provides consistent, uniform slow-release of nitrogen
- Eliminates growth surges - nitrogen is released gradually throughout the plant's growth cycle, which results in precise feeding that lasts up to 5 months
- Improves plant growth, quality and yield – International and U.S. commercial use and trials have demonstrated equivalent or better performance with NutriSmart-B applications vs. conventional fertilizer programs