

# With NUTRI-START® AquaBond®



- **Plant and Environment Friendly**
- **Improved Water Utilization**
- **Enhanced Seed to Soil Contact**
- **Essential Micronutrients for Improved Germination and Emergence**

AquaBond® with Nutri-Start® is a revolutionary new seed enhancement that is both plant and environmentally friendly. This concept is designed to give your seed every advantage possible including improved water management and seed survivability. This proprietary seed treatment combines two cutting edge products, a long lasting water absorbing polymer and a micro-nutrient fertilizer package. The process starts with the water absorbing polymer that bonds to all available water and then releases it back to the seed as it is needed, allowing the seed to germinate and grow during dry spells until additional moisture is received. The Nutri-Start® component contains essential micronutrients to aid in germination, emergence and promote early root growth. These treatments are then coated with our advanced ALL-VANTAGE® seed coating with Adhere 108® binding polymer that ensures your investment stays where it should - on the seed.

## AquaBond®:

- Can store over 200 times its weight in water
- Works by releasing a steady supply of water as the plants need it
- Non-toxic, safe and economical to use
- Maintains applied water in the root zone effectively increasing water use efficiency by up to 50%
- Can last several seasons in the soil

## Nutri-Start®:

- **Manganese:** involved in enzyme activity for photosynthesis, respiration and nitrogen metabolism
- **Zinc:** acts as a growth activator. It is also a necessary nutrient for chlorophyll synthesis and carbohydrate formation. Additionally, zinc plays an important role in enhancing a plant's natural defense systems against pathogens
- **Iron:** needed for formation of chlorophyll, and acts as a catalyst for making other nutrients function
- **Magnesium:** essential for photosynthesis as part of chlorophyll
- **Cobalt:** essential for growth of rhizobium
- **Copper:** catalyst for chlorophyll synthesis, carbohydrate and protein metabolism, respiration; enzyme constituent
- **Molybdenum:** formation of nodules for nitrogen fixation and protein synthesis
- **Boron:** root development, water relations, protein synthesis

