



InnoAg Start

Foliar Fertilizer

Synergistic Nutrient Combination to Get Crops a Great Start!

A matrix of nutrients is needed for optimum crop establishment. However, the presence of many nutrients together can trigger chemical reactions leading to antagonism among nutrients. How to overcome this issue?



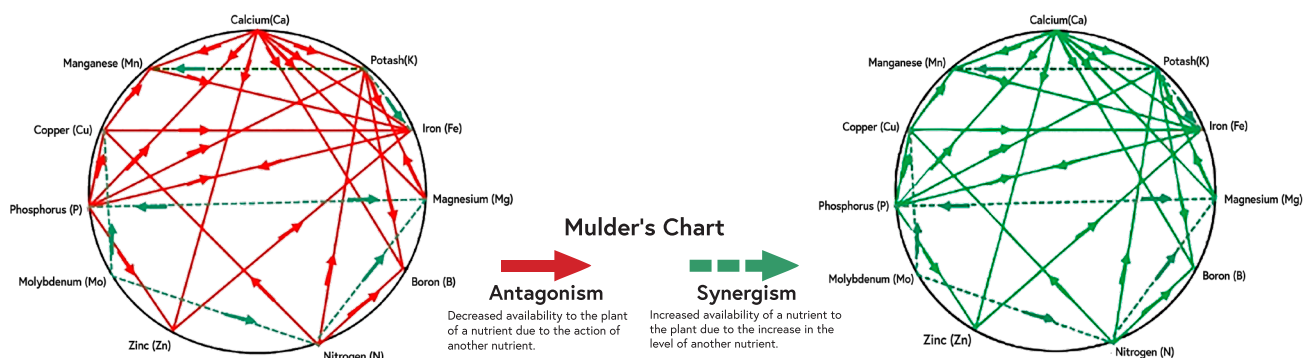
Introducing InnoAg Start

Primary BioAg Innovations™ (PBI) is proud to introduce **InnoAg Start**, a 14-14-14 NPK fertilizer with the ideal mixture of macro & micronutrients supporting a uniform distribution of nutrients required for the initial growth stage. What is more important, these nutrients work with each other through the addition of proprietary enzymes derived from microbial extraction. The process starts with the isolation of microbes specialized in plant growth promotion, enhancement of nutrient availability and performance. Metabolites containing enzymes are extracted from these microbial isolates and added to the **InnoAg Start** formulation.

The **InnoAg Start** formulation aids nutrient performance allowing for a lower dose, thereby reducing residues and cost per acre.

InnoAg Start is used during the Initial Vegetative Growth stage of the crop (up to 45 DAT/DAS). It can also be used at fruiting stage (after 4–5 pickings) in multiple harvest crops.

Mulder's Chart



Before using **InnoAg Start**

After using **InnoAg Start**

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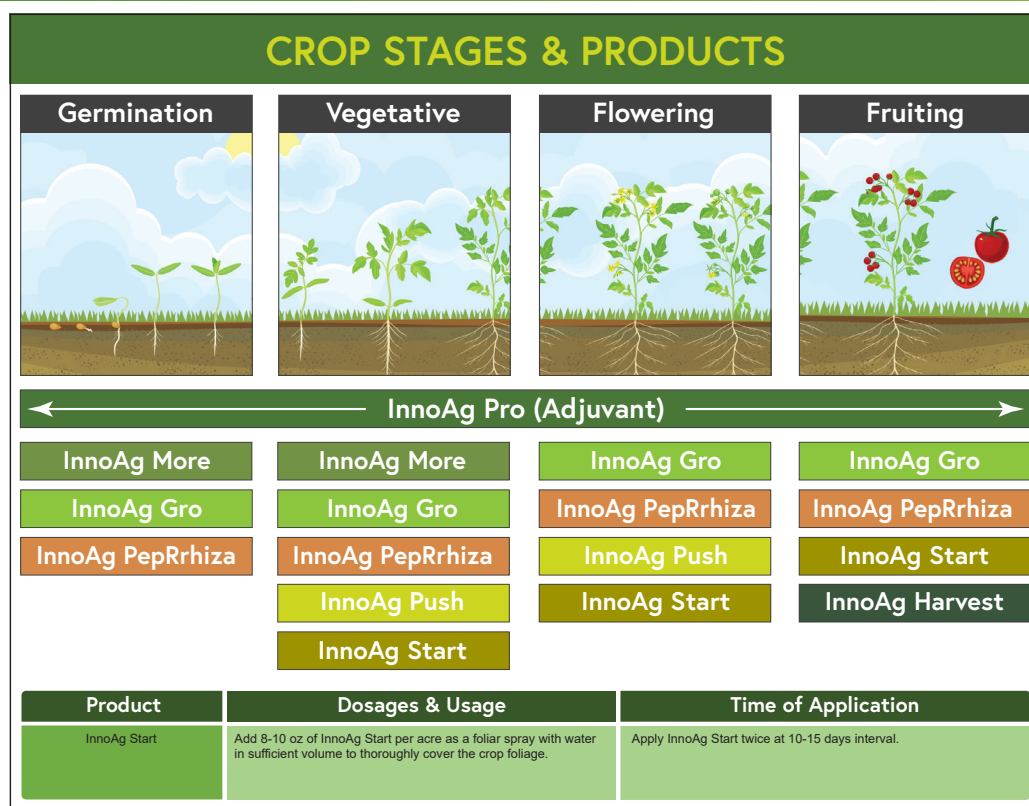
Why InnoAg Start?

Key Benefits

In addition to the known effects of NPK in initial plant growth, the perfect mix of macro and micronutrients benefits key plant processes:

Nutrient	Benefit
Calcium (Ca)	Structural component of cell walls, influences water movement in cells. Improves root hairs (feeder roots). Increases N uptake.
Magnesium (Mg)	Key element for chlorophyll production.
Sulfur (S)	Aids disease resistance.
Iron (Fe)	Acts as a catalyst for the synthesis of chlorophyll. It is essential for the young growing parts of plants.
Zinc (Zn)	Essential to carbohydrate metabolism, protein synthesis and internodal elongation (stem growth).
Boron (B)	Necessary for cell wall formation, membrane integrity. Improves Ca and K uptake.
Manganese (Mn)	Involved in enzyme activity for photosynthesis and respiration.
Molybdenum (Mo)	Improves N fixation and N-assimilation.
Copper (Cu)	Concentrates in roots of plants and plays a part in N metabolism.

Application & Dosage Rates



For more specific information on usage, rates, and applications of **InnoAg Start**, please contact us.
Applications may vary depending on the crop conditions and stage.

For more information on how InnoAg Start can help your crop productivity, please contact info@bioaginnovations.com or visit bioaginnovations.com

Primary BioAg Innovations™ is an agricultural company with a unique and diverse product portfolio including biofertilizers, bionutritionals and biopesticides with a very selective soft chemistry approach. We believe growers need to be equipped with the latest innovations in agricultural products that are differentiated and supported by science. We understand that both biologicals and synthetic chemical based ag products are equally important to our customers. We believe in an integrated approach that yields results to our customers. InnoAg Start is a trademark of Primary BioAg Innovations™.

PRIMARY BIOAG INNOVATIONS™ warrants that the product conforms to its chemical description and the intended use of the product is reasonable for the purposes stated on the label when used in accordance with directions under normal conditions of use. PRIMARY BIOAG INNOVATIONS™ shall not be liable for crop injury, ineffectiveness, or any other harm or unintended consequences that may result because of factors such as weather conditions, presence of other material, manner of use or application, or any other cause which is beyond the control of PRIMARY BIOAG INNOVATIONS™. In no case shall PRIMARY BIOAG INNOVATIONS™ be liable for consequential, special or indirect damages resulting from the use or handling of this product. PRIMARY BIOAG INNOVATIONS™ makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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