

*fertiGREEN*TM 15 G pro

all natural technology from the SmartScience[®] portfolio

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**Soluble Granular Organic Fertilizer,
Soil Microbial Amendment & Foliar Nitrogen Enhancer**

*fertiGREEN*TM 15G pro is a new fertilizer containing 15% water insoluble nitrogen. Specifically, it is a tan colored extruded pellet granular formulation that contains approximately 98.5% L-Lysine monohydrochloride. It is derived from corn using a fermentation process. L-Lysine is an essential amino acid in humans, which means that humans cannot synthesize it. When added to soil and used as a fertilizer on turfgrass, such as on a golf course, it provides an important and essential source of nitrogen for plants to utilize, following microbial degradation and nitrification in the soil. *fertiGREEN*TM 15G pro represents a unique new class of “naturally-derived” fertilizers.

*fertiGREEN*TM 15G pro can be applied as both a granular material (using a drop or rotary spreader) or soluble suspension in water. It can also be tank mixed with pesticides and other fertility products for greens applications. In preliminary studies conducted on both Northern and Southern grasses, turf grass response was similar to urea or ammonium sulfate at the same rate of N/1,000 sq. ft.

Some of the key features of *fertiGREEN*TM 15G pro's L-Lysine Amino Acid Based Technology from SmartScience[®] are:

- ❖ Highest Source of “All Natural” Nitrogen with Two Amide Groups/Lysine molecule.
- ❖ A Low C/N Ratio.
- ❖ An “All Organic” Source of N to which other nutrients can be added.
- ❖ Highly soluble formulation in water, making it possible to apply either as a granular or spray (Solubility of 600 g/l in water at 25⁰C).
- ❖ No Offensive Odors.
- ❖ Burn Potential less than Urea.
- ❖ Rapid “Greening” and Growth Response, without significant leaching.
- ❖ 4 to 6 Week optimum residual response with 0.5 – 1.0 lb N/1,000 sq. ft. application rate.

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