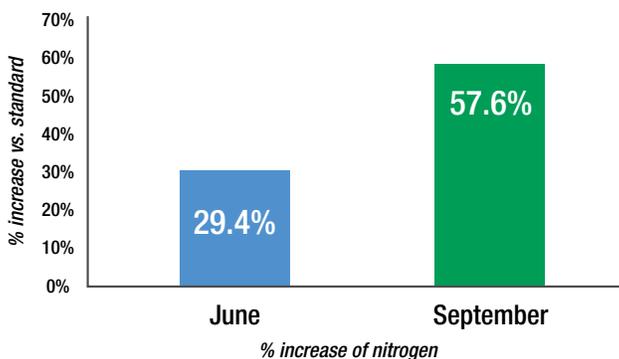




## Nutrient Management Tool for Turf Managers

NutriLife is a biochemical fertilizer catalyst that makes fertility programs more efficient by getting more nutrients into the plant and improving plant performance. Exclusive to the Prevail line of fertilizers, NutriLife improves the conversion of organic and inorganic fertilizers into plant-available forms.

A Florida study on 500 lawns shows that NutriLife **increased nitrogen uptake** when applied in the spring, and the turf **retained more nitrogen** three months after the final fertilizer application.



### NutriLife Benefits:

- Improved nutrient availability and uptake
- Larger root mass
- Healthier, more colorful turf
- More efficient use of nutrients
- Reduced turf stress
- Minimized nutrient runoff and leaching



## Research and Technology

The technology in NutriLife has been tested and proven on over 600 field studies conducted by Agricen, universities, the USDA and other third party evaluators. Spring Valley also performs independent university research in turf applications on NutriLife further documenting the benefits of the biochemical additive. Spring Valley is dedicated to bringing leading-edge technology to market, providing you with the latest advancements in fertilizer solutions.

## Biochemical Components

Other fertilizer technologies work against the soil system focusing on only one nutrient. NutriLife works with the nutrient cycling system focusing on all nutrients. Biochemicals provide the tools that the bacteria in the soil need to function, determining their ability to process soil nutrients to stimulate root growth and produce healthier plants. Soil microbes and their biochemical components play a major role in nutrient efficiency, as it is the soil microbe activity that releases the nutrients for the plant and other microbes to use.

Improved nutrient availability increases root mass – producing healthier plants.



Fertilizer Alone



Fertilizer with NutriLife

Auburn University (2010)

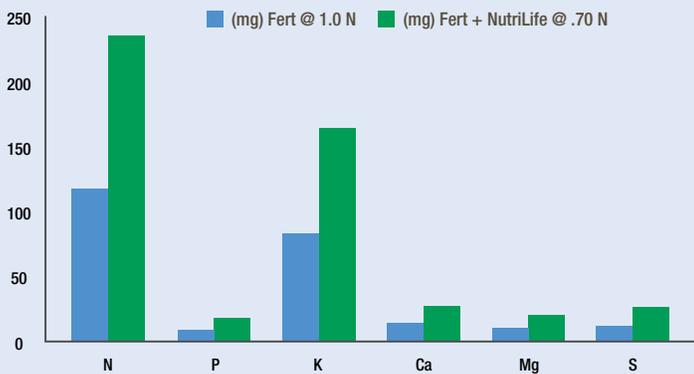


Fertilizer Alone

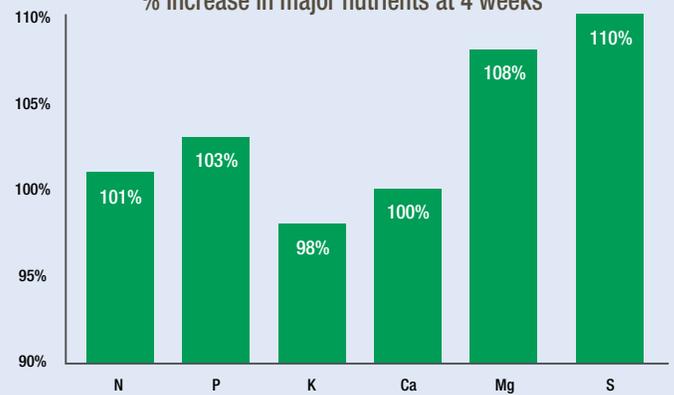
Fertilizer with NutriLife

Auburn University (2010)

Total major nutrients at 4 weeks



% Increase in major nutrients at 4 weeks



Fertilizer with NutriLife improved nitrogen uptake, increased root mass and produced greener shoots, even with lower levels of nitrogen. Research compared NutriLife at 0.7 N vs. 1.0 N indicating that NutriLife increases total uptake of major nutrients between 98 - 110% each.



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