NUTRIENT TECH
by DSG



FoliBac Pro™

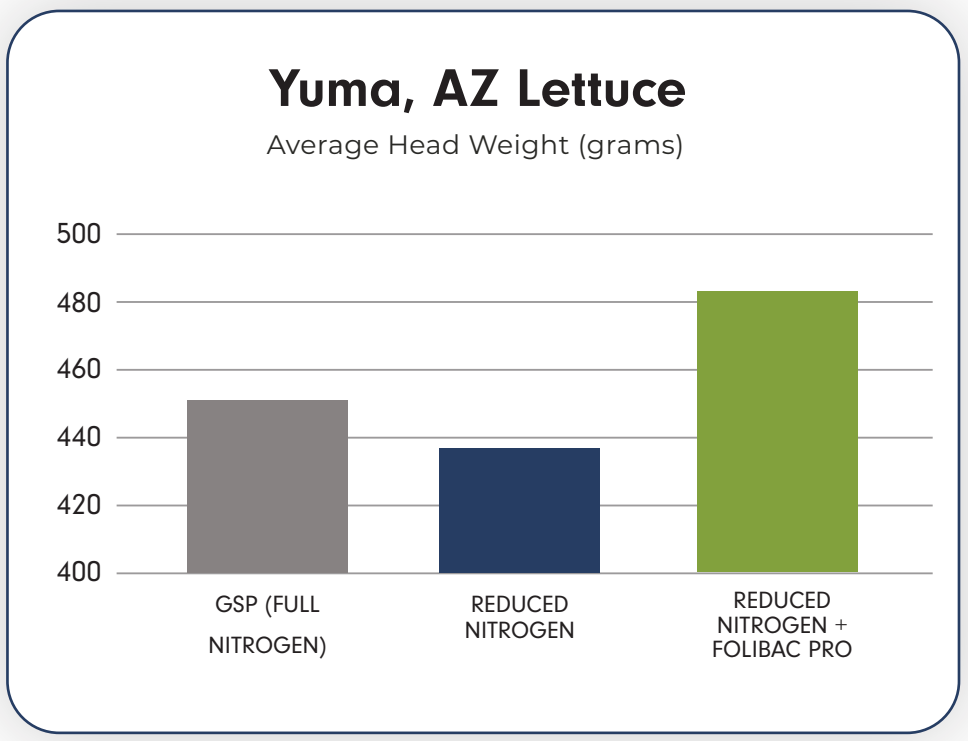
The **Phyllosphere** refers to the aerial parts of the plant: leaves, stems, buds and flowers where a community of dynamic microorganisms live. The microbes inhabiting the plant live on the exposed surfaces as well as within and between the plant's cells. Bacteria are the largest constituent in both numbers and diversity by far.

FoliBac Pro is a biological inoculant containing Nitrogen supplying bacteria. These bacteria inhabit the leaf and leaf surface. The bacteria benefit from the plants as an energy source. To complete their life cycles, they release biochemicals containing Nitrogen which the plants utilize for supplemental Nitrogen. FoliBac Pro is classified as a biofertilizer.

Demonstrated benefits from applications of FoliBac Pro include:

- Enhanced Nitrogen use efficiency
- Improved plant Nitrogen availability
- Increased photosynthetic activity
- Promotion of vegetative plant growth
- Stimulation of root activity

To demonstrate the efficacy of FoliBac Pro, Nutrient TECH conducted a trial in Yuma, AZ on head lettuce. Nitrogen was reduced by 34% and FoliBac Pro was applied at 7oz/acre at the 4 leaf stage. At the end of the season the lettuce was harvested and evaluated for head weight. Lettuce treated with FoliBac Pro produced 7% larger heads with less applied Nitrogen than the grower standard Nitrogen program.



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For more information contact your Crop Advisor or visit **www.Nutrient.TECH**

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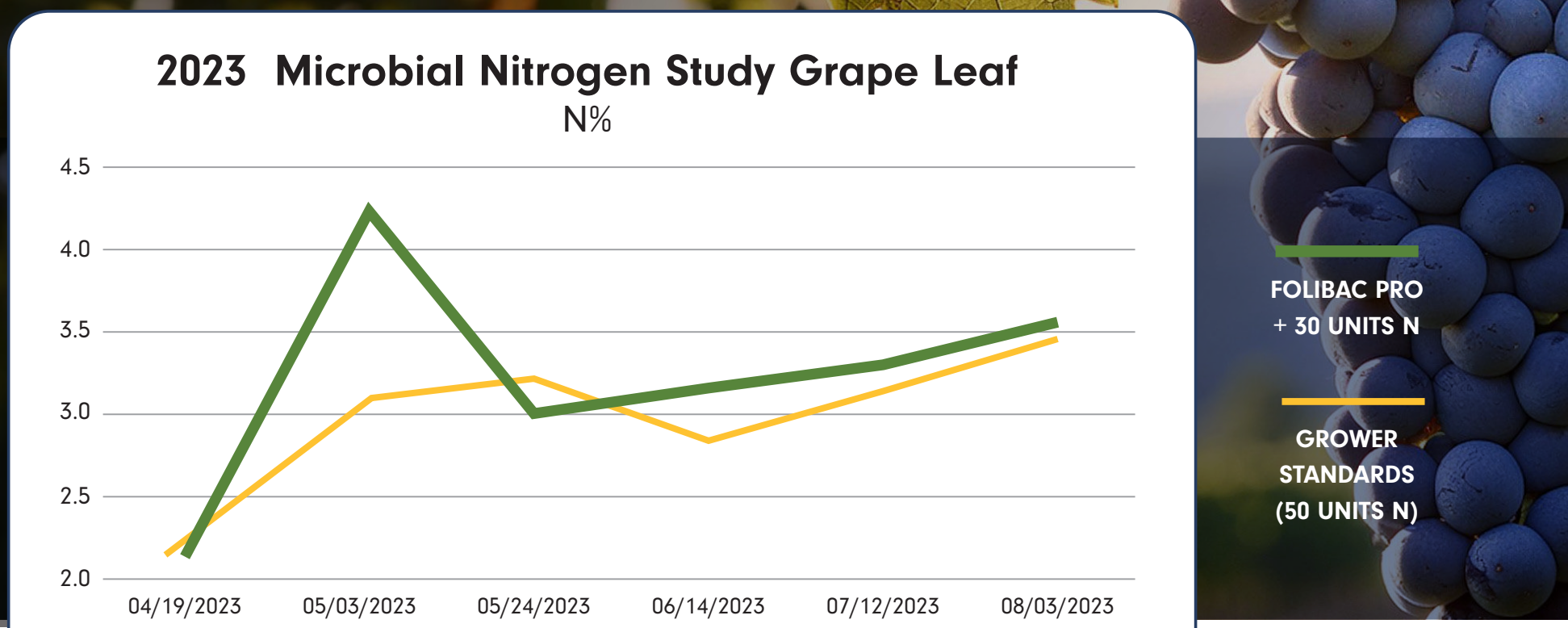
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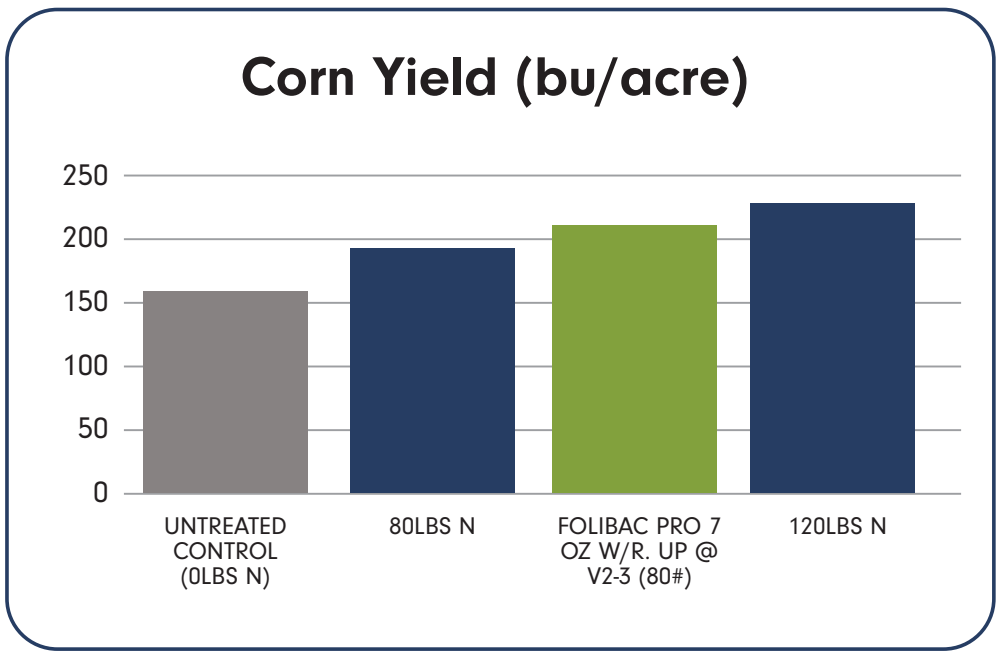
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To demonstrate the efficacy of FoliBac Pro, Nutrient TECH conducted a trial in Madera, CA on raisin grapes. Nitrogen was reduced by 40% and FoliBac Pro™ was applied at 7oz/acre at 6-8" shoot growth. Leaf analysis showed increased Nitrogen levels in leaves within 2 weeks. At the end of the season fruit samples were harvested and evaluated for juice quality at a Wine Lab. Treated grapes had equal Brix levels and no other measured changes from FoliBac Pro treatment.



To demonstrate the efficacy of FoliBac Pro, Nutrient TECH conducted a trial in Janesville, WI on corn. Nitrogen was reduced by 33% and FoliBac Pro was applied at 7oz/acre with glyphosate at v4. At the end of the season the corn was harvested and evaluated for yield. Corn treated with FoliBac Pro produced 5.6% more grain (11 bu/ac) than the reduced Nitrogen program alone.





FoliBac Pro promotes efficient crop nutrient use with no lost yield or reduction in crop quality. For more information about FoliBac Pro contact your PCA or your local Nutrient TECH representative.

SAFE, EFFECTIVE AND EASY TO USE

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