

# SOYBEANS

## Crop Product Summary

### KEY PRODUCTS

**Huma Burst® 1-3mm**—Granular 60%-70% humic/fulvic acid for healthier soil and sustainable plant growth.

**Zap®**—Promotes strong, diverse soil biology.

**Super Phos®**—50% liquid phosphate; foliar or soil applied. (See *Field Trial at right.*)

**Max Pak®**—A balanced, stable source of 8 important micronutrients (S, B, Co, Cu, Fe, Mn, Mo, and Zn).

**Breakout®**—Stimulates bud initiation, flowering, and fruit set.

For Tissue Sample Deficiency—10 other micronutrient products; foliar or soil applied.

Huma Gro® liquid products with Micro Carbon Technology® are:

- More efficient than conventional products.
- Designed to quickly provide nutrients when needed.
- Applicable via a variety of methods.
- Easily mixed with other products.
- Ultra-concentrated to reduce storage space.

### COMPLETE PRODUCTS LIST

For a complete list of Huma Gro® products that can help you grow **premium soybeans**, along with product documentation and application growth stages and rates, go to

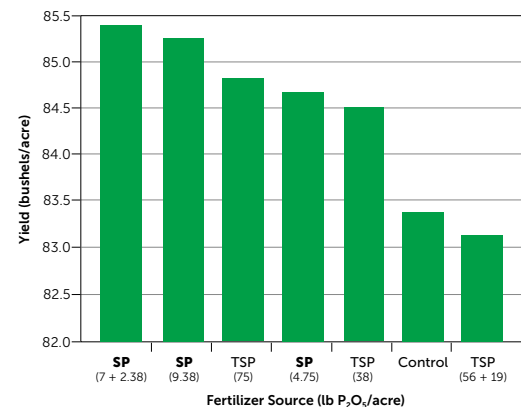
[www.humagro.com/soybeans](http://www.humagro.com/soybeans)

or follow the QR code below:



### FIELD TRIAL: Super Phos® Applied at 1/8 Rate of Conventional P Improves Soybean Yield

This study aimed to evaluate responses from various phosphorus sources, application methods, and timings on soybean yield in comparison with the availability and versatility of **Super Phos®** (SP) as an in-furrow and side-dressed phosphorus source to increase soybean productivity.



**Figure 1.** The effect of P fertilizers, source, and rate on soybean yield.

### Conclusions

In this study, it was demonstrated that **Huma Gro® Super Phos®** at the low rate of **1/8 that of conventional P** produced yields numerically similar to that produced by Triple Super Phosphate (TSP). This suggests enhanced efficiency associated with **Super Phos®**.

The study also demonstrated a significant increase in boron (B) and manganese (Mn) becoming available in the soil when applying 4.75 lbs P<sub>2</sub>O<sub>5</sub>/acre of **Super Phos®** compared with the Control.



All liquid Huma Gro products contain Micro Carbon Technology®, a proprietary blend of extremely small (nano-sized) organic carbon- and oxygen-rich molecules that act as a source of carbon and provide an ultra-efficient vehicle to move nutrients and other molecules into the plant through the soil and/or the leaves.