

# TRI PRO

Tri Z Pro is a powerful combination of nitrogen, sulfur, zinc, and ammonium acetate suitable for starter fertilizer application. With three sources of zinc, Tri Z Pro is formulated to provide immediate availability and sustained release of zinc for the crop. The unique and synergistic combination of zinc and ammonium acetate stimulates the plant to generate a more extensive root system to better utilize available nutrients and soil moisture. Used as part of a balanced fertility program, Tri Z Pro ensures the nutritional demands of today's hybrids will be satisfied during the first 30-60 days of growth. Tri Z Pro is designed for use in ammonium polyphosphate-based fertilizer and/or UAN application.



## FEATURES & BENEFITS

- **Contains synergistic formulation of zinc and ammonium acetate**
- **Designed for use with an APP-based fertilizer**
- **Promotes vigorous root development**
- **Improves nutrient efficiency**
- **Provides faster early season growth**
- **Improves crop tolerance to stress**
- **May be stored year-round in APP-based fertilizer**

## FREQUENTLY ASKED QUESTIONS

**Q: Why is Tri Z Pro unique?**

**A:** Tri Z Pro not only provides nitrogen, zinc and sulfur to seedlings in their early development, but the unique blend of nutrients stimulates root systems to generate a greater volume of healthy roots at a faster pace. Healthy roots are critical for stabilizing the plant as well as intercepting moisture and nutrients to maximize yield potential.

**Q: Why should I use Tri Z Pro instead of a single-source zinc product?**

**A:** With a unique blend of three zinc sources (EDTA, sulfate, and zinc ammonium chloride), Tri Z Pro provides immediate and sustained zinc release for the plant.

**Q: What are the benefits of applying zinc and sulfur to a crop?**

**A:** Zinc and sulfur are both essential nutrients to a growing crop. Zinc is responsible for seed and grain formation, plant maturity, and the transportation of calcium throughout the plant. A zinc deficiency can reduce yield up to 50 bushels per acre in corn.

Sulfur was once abundant in the atmosphere, but as a result of the Clean Air Act, atmospheric deposition of sulfur has been significantly reduced. Sulfur is essential for many plant functions including protein synthesis, photosynthesis, chlorophyll formation and nitrogen fixation.

**Q: Can I mix Tri Z Pro with any product to grow corn?**

**A:** No, Tri Z Pro is designed to mix with an ammonium polyphosphate-based fertilizer. It does not mix with low-salt starters.



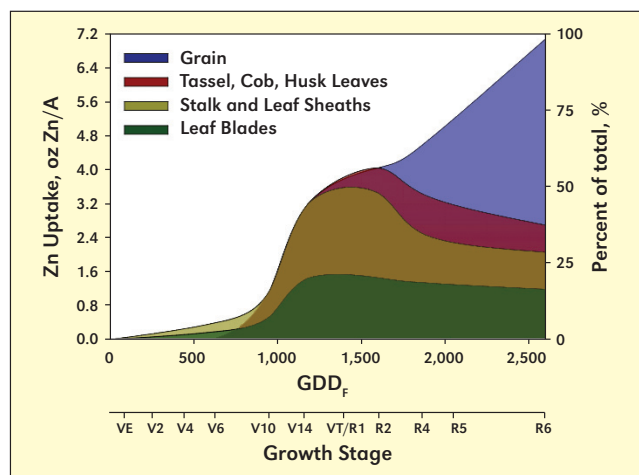
# 25% LARGER ROOTS THAN STARTER ALONE



In a greenhouse study in 2021, Tri Z Pro at a rate of 1 qt/acre was applied in 2x2 placement with grower standard. It was noted that the root mass was significantly larger than starter alone.

## NUTRIENT UPTAKE

Tri Z Pro provides immediate and sustained release of zinc to support the needs of corn throughout the season.



Total maize N uptake and partitioning across four plant stover fractions: leaf, stalk, reproductive, and grain tissues. Each value is a mean of six hybrids across two site-years at Urbana, IL (2010) and DeKalb, IL (2010).

GGD<sub>F</sub> = growing degree days (Fahrenheit)

Source: <http://cropphysiology.cropsci.illinois.edu/documents/BenderHaegerle2013NutrUptakeBetterCrops.pdf>

## GUARANTEED ANALYSIS

Total Nitrogen (N).....	14.0%
11.0%...Ammoniacal Nitrogen	
2.5%...Urea Nitrogen	
0.5%...Other Nitrogen	
Sulfur (S).....	5.0%
5.0%...Combined Sulfur	
Zinc (Zn).....	10.4%

**Derived from:** ammonia, acetic acid, zinc oxide, zinc sulfate, zinc EDTA, zinc ammonia chloride, ammonium thiosulfate

## PHYSICAL PROPERTIES

pH.....	9.5
Specific Gravity.....	1.265 @ 68°F
Density.....	10.4 lbs/gal
Salt Out.....	-16°F

## APPLICATION

Crop	Application	Use Rate (per acre)	Timing
Field & row crops; vegetables	Soil	1-3 quarts	2x2 with APP (10-34-0)
Field & row crops; vegetables	Soil (Broadcast)	4-6 quarts	With APP (10-34-0)



### FOR MORE INFORMATION

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