



# 8-20-5-4S .5Zn

Prescription Agronomics Box 366 Ipswich SD 57451

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## A Superior Corn Starter Fertilizer

Liquid starter fertilizer applications have been effective in enhancing nutrient uptake, even on soils testing high in available nutrients. Increasing nutrients can raise the yield and quality of your grain crops.

### What makes 8-20-5-4S .5Zn different from other starters?

**Potassium (K)** – Just a small amount of K included in a starter can correct K deficiencies and improve grain yields. K uptake in corn for example is greatest early in the season and decreases after 40 to 50 days of growth. Cool spring temperatures can limit early-season root growth and nutrient uptake which can adversely affect grain yields.

**Sulfur (S)** – Hundreds of test throughout the Midwest have shown that sulfur in the starter increases yields. Cool, wet soils slow the release of sulfur even in high organic soils. Sulfate has been shown to increase grain yields when combined with nitrogen in a starter by more than 20%.

**Ammonium N** – Starters work harder with both ammonium nitrogen and sulfur in solution. They actually enhance crop uptake of phosphorus, sulfur, and micronutrients. The ammonium form of N found in 8-20-5-4S .5Zn and the pH effect on the soil of ammonium sulfate increases the availability of many nutrients.

**Zinc (Zn)** – Zinc applied with nitrogen and phosphorus produces significant yield increases over N and P alone in many soils. Many university tests have shown this to be true even in soils testing high in exchangeable zinc. This is particularly true where the soil pH is over 7, soils are low in organic matter, high N supply, or in wet soils.

## Contact Us

Give us a call for more information about our services and products

Office: (605) 426-6899 or 888-302-0065

Jon Gilbert-605-216-1763

Eric Sieh-605-216-4324

Fred Johnson-605-216-5561

Email: [prescription@valleytel.net](mailto:prescription@valleytel.net)



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*All these factors come together to form a superior liquid starter fertilizer that will get your crop off to a great start!*

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# TECHNICAL DATA SHEET

P.O. Box 366 Ipswich, SD 57451 Phone: 605-426-6899 or 888-302-0065 Fax: 605-426-6752

## 8-20-5-4 .5Zn Liquid Starter Fertilizer

<u>Component</u>	<u>Analysis</u>
Nitrogen Content	8% N
- primarily in ammonium form	
Phosphate Content	20% P <sub>2</sub> O <sub>5</sub>
Potassium Content	5% K <sub>2</sub> O
Sulfur Content	4% S
Zinc Content	.5 % Zn
Specific Gravity	1.36
Density *	11.35 lbs/gal
Volume/Ton	176 gal/ton
pH	6.5-7.5
Salt-out Temperature	0°F
Color	green

*\* 1 gallon of 8-20-5-4 .5Zn contains .91 lbs of nitrogen, 2.28 lbs of P<sub>2</sub>O<sub>5</sub>, .57 lbs of K<sub>2</sub>O, .45 lbs of sulfur, and .06 lbs of zinc.*

The information set forth on this data sheet is believed to be accurate. As Prescription Agronomics, LLC. purchases products and ingredients from multiple suppliers and manufacturers, certain characteristics may vary slightly. We trust in our suppliers to provide an adequate quality material for fertilizer use. Prescription Agronomics, LLC. makes no representation, warranty or guarantee as to the information's accuracy other than that of the nutrient analysis. This information is set forth to assist our customers for nutrient content, storage, handling, etc.. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions. Always check compatibility with other products prior to use. Always wear personal protective equipment when handling chemicals.