

# Liqui-Grow<sup>®</sup> Seed Safe Starter

**6-24-6-.25(Zn) POP-UP liquid starter fertilizer**  
**...the *ULTIMATE* Seed Safe Solution *Improved Formulation!***



**The ultimate seed safe solution that places key nutrients on the seed to enhance plant growth and development.**

**Liqui-Grow<sup>®</sup>**  
BALANCED FERTILIZERS

## Liqui-Grow® Seed Safe Liquid Starter

The ultimate clear green starter fertilizer solution manufactured by the exclusive processing of highly selective materials. Liqui-Grow® **Seed Safe** offers the grower a fertilizer formulated especially for in-furrow placement at recommended rates. The analysis and rates of application provide the necessary nutrients of nitrogen, phosphorus, potassium and zinc for optimum starter response by corn. For maximum corn production, additional nutrients applied safely away from the seed will usually be required.

## Phosphorous Source

Liqui-Grow® **Seed Safe** 6-24-6-.25(Zn) starter is 100% water soluble clear green solution with 50% of the phosphorous in the orthophosphate form at shipment. In our production process, water is removed from the solution and orthophosphate ions combine to create a polyphosphate (chain of orthophosphate ions). This allows our product to be more convenient to handle, improve storability, and sequester micronutrients, such as zinc, to improve uptake by the young plants. The majority of remaining polyphosphate rapidly converts to orthophosphate with soil water. Research has demonstrated that at soil temperatures greater than 50 degrees, over 80% of the polyphosphate will convert to orthophosphate form within 48 hours of being applied, meaning over 90% of phosphorus will be in available form for your plants prior to germination.

## Potassium Source and Salt Index

Potassium hydroxide is the sole source of potassium in Liqui-Grow® **Seed Safe** starter. This eliminates chloride from the solution which lowers the salt index of the finished product and thus any potential damage to the corn seed.

## Low Corrosion

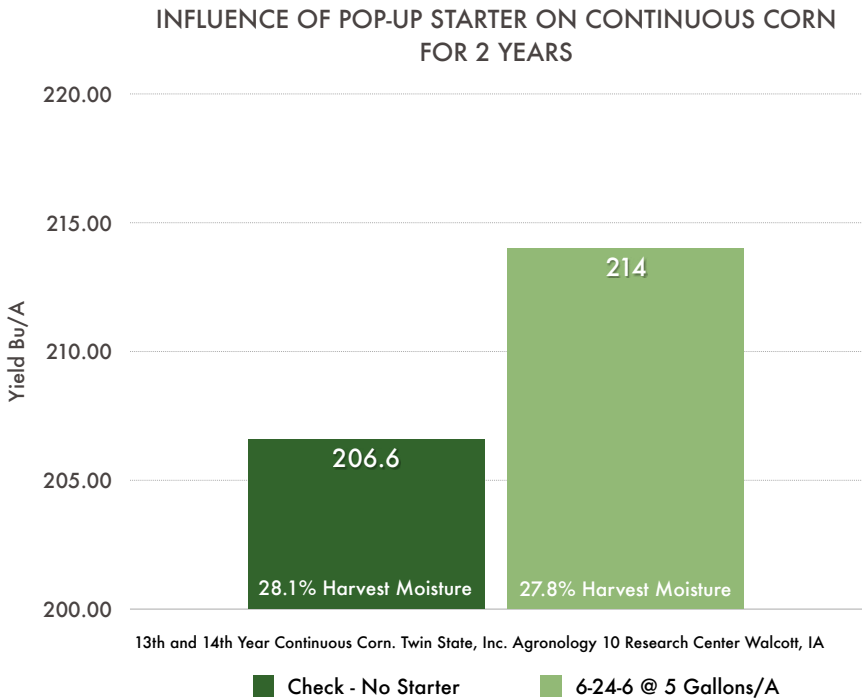


The salt index of 6-24-6-.25(Zn) is 11.9 versus 10-34-0 at 20.0 or 7-21-7 made of potassium chloride at 27.8. Using high-quality raw materials such as potassium hydroxide results in Liqui-Grow® **Seed Safe** being less corrosive to storage and planting equipment. The picture illustrates how corrosive UAN is to metal. In comparison, Liqui-Grow® **Seed Safe** 6-24-6-.25(Zn) did not corrode the metal or cause a rust layer.

## Liqui-Grow® Seed Safe Nitrogen Source

The vast majority of Liqui-Grow® **Seed Safe** 6-24-6-.25(Zn) nitrogen is in the ammonium form. Whereas 9-18-9, another grade of liquid starter fertilizer made with potassium hydroxide, has over 60% of its nitrogen coming from the use of urea. This urea increases the salt index to 16.7 which increases the chance for seed damage as compared to 6-24-6-.25(Zn).

## Starter Fertilizer Pays in a High-Yield Environment!



## Liqui-Grow® Seed Safe 6-24-6-.25(Zn) characteristics

- 100% water soluble clear green solution
- shipped as 50% orthophosphate / 50% polyphosphate for improved storability and efficient micronutrient delivery
- almost all (over 90%) of phosphorus in plant available form within 48 hours of application
- recommended application rate: 5-7 gallons per acre
- 11.25 lbs per gallon

# Liqui-Grow® Seed Safe Starter

**6-24-6-.25(Zn) POP-UP liquid starter fertilizer**  
**...the ULTIMATE Seed Safe Solution**



- Liqui-Grow® **Seed Safe** 6-24-6-.25(Zn) can be mixed with most liquid insecticide formulations, yield enhancing products or EDTA chelated micronutrient products. A jar test is always recommended to ensure compatibility.
- Products such as UAN solution, 12-0-0-26(S) or Boron which greatly increase the salt index of the mixed product should not be blended with Liqui-Grow® **Seed Safe** 6-24-6-.25(Zn).

*Buy your fluid fertilizer from a company with  
over 55 years of FLUID experience!*



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