



***Phosphate, Done Better***

## ***BENEFITS***

- ***Highly available P and Zn to drive early season development***
- ***Enhanced CEC of application zone***
- ***LHC technology to enhance other nutrient availability***
- ***Sound, Efficient, Flexible Formulation***



**BLACK LABEL® Zn** - formulated with Linear Humus Components (LHC) - provides sound, efficient and immediately available phosphate based nutrition. LHC technology promotes extended nutrient uptake and supports a better soil environment - key to maximizing a grower's return on their complete nutritional investment.



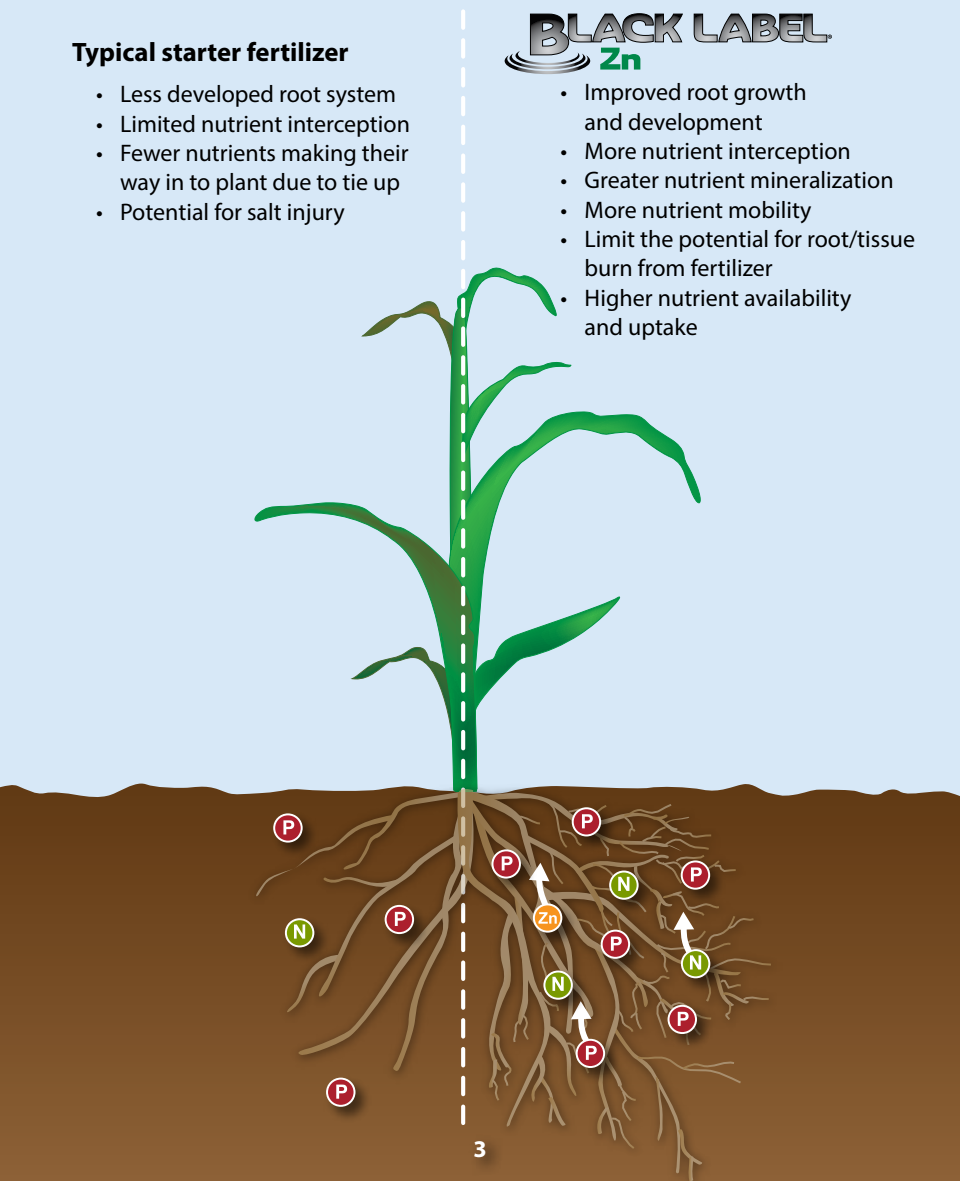
## Typical Starter Fertilizer vs. Black Label® Zn Fertilizer

### Typical starter fertilizer

- Less developed root system
- Limited nutrient interception
- Fewer nutrients making their way in to plant due to tie up
- Potential for salt injury



- Improved root growth and development
- More nutrient interception
- Greater nutrient mineralization
- More nutrient mobility
- Limit the potential for root/tissue burn from fertilizer
- Higher nutrient availability and uptake



# What is LHC Technology?

Linear Humus Component Technology (LHC) utilizes the benefits of a spectrum of humic substances to address nutrient availability and soil environmental limitations creating an enhanced approach to plant nutrition.



## More for the Plant

- Immediately available phosphorus source
- Extended phosphorus availability
- Zinc helps utilize phosphorus
- Complexed nutrition reduces tie-up and increases utilization
- Better nutrient uptake promotes root mass

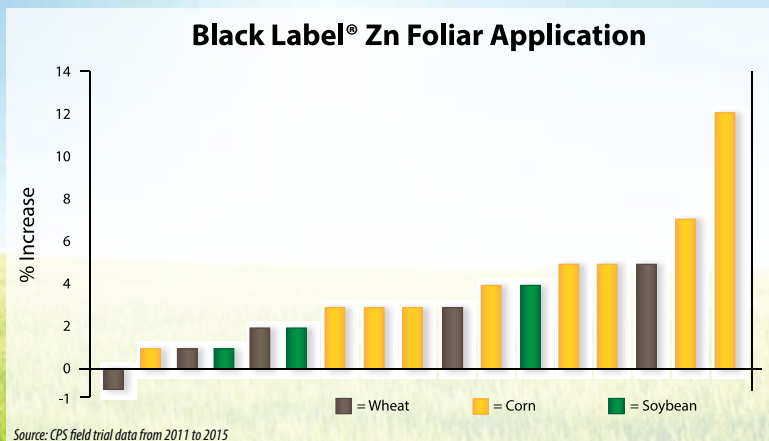
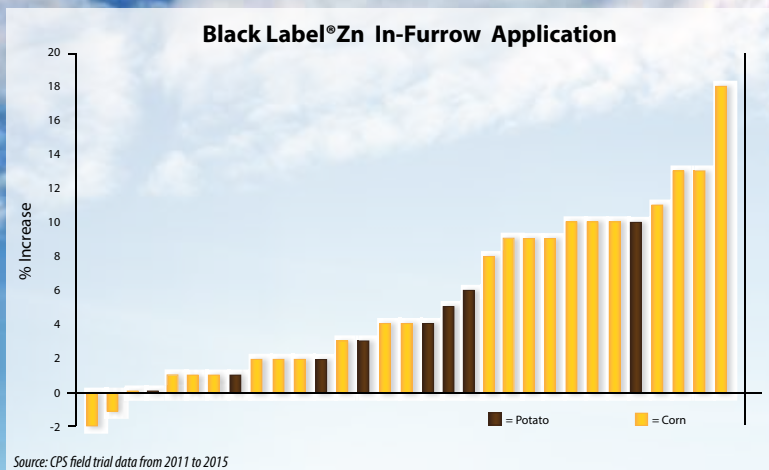
## Better for the Soil

- Reduce impact of poor pH
- Enhanced CEC in application zone
- Promotes buffering of saline/sodic conditions

## Less Environmental Impact

- Efficient placement of phosphorus
- Decreases likelihood of nutrient loading
- Responsible phosphorus fertility practice
- Optimize land use through productivity





## At a Glance

Application	<ul style="list-style-type: none"><li>• Soil-applied fertility with foliar flexibility</li></ul>
Key Ingredients	<ul style="list-style-type: none"><li>• 6-20-0 + 0.77 Zn</li><li>• Linear Humus Components</li></ul>
Key Features	<ul style="list-style-type: none"><li>• More for the Plant</li><li>• Better for the Soil</li><li>• Less Environmental Impact</li></ul>

## Uses and Rates

Key Crops	Soil Applied Rate	Foliar Applied Rate
Cereal Grains	1-5 gal/acre in-furrow or 2x2	2-8 qts/acre per application
Legume Vegetables	2-4 qts/acre	2-8 qts/acre per application
Root and Tuber Vegetables	1-5 gal/acre in-furrow or 1-10 gal/acre 2x2	2-8 qts/acre per application

*See product label for information on additional crops and for specific details on uses and rates.*

## Black Label® Zn is part of a sound nutritional program that may include:

### **BLACKMAX® 22**

A nutritional enhancement tool designed to positively impact nutrient availability and soil attributes. When combined with a grower's fertilizer program, the Linear Humus Components (LHC) in BlackMax 22 can give growers more nutrition for their crops and provide a better soil environment in which to grow. A more sustainable approach to plant nutrition.

### *Radiate®*

A patented formulation of IBA and kinetin, in optimized ratios, to enhance early season vigor and drive maximum root growth. The proven technology in Radiate® provides growers with consistent performance across a wide variety of crops.

### **MaXimum N-Pact®**

An enhanced triazone nitrogen which provides a stable source of foliar nitrogen for increased uptake, translocation and assimilation of nitrogen, reduced volatility and excellent crop safety with increased stress tolerance.

## Contact Your CPS Retailer

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