

# **BLACKMAX<sup>®</sup> 22**

*If you feed it, you need it!*

## ***BENEFITS***

- *LHC technology to enhance applied nutrient availability and uptake*
- *Enhanced existing nutrient mineralization and nutrient solubility*
- *Promote beneficial microbes*
- *Sound, Efficient, Flexible Formulation*

# BLACKMAX® 22

**BlackMax® 22** - is 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.



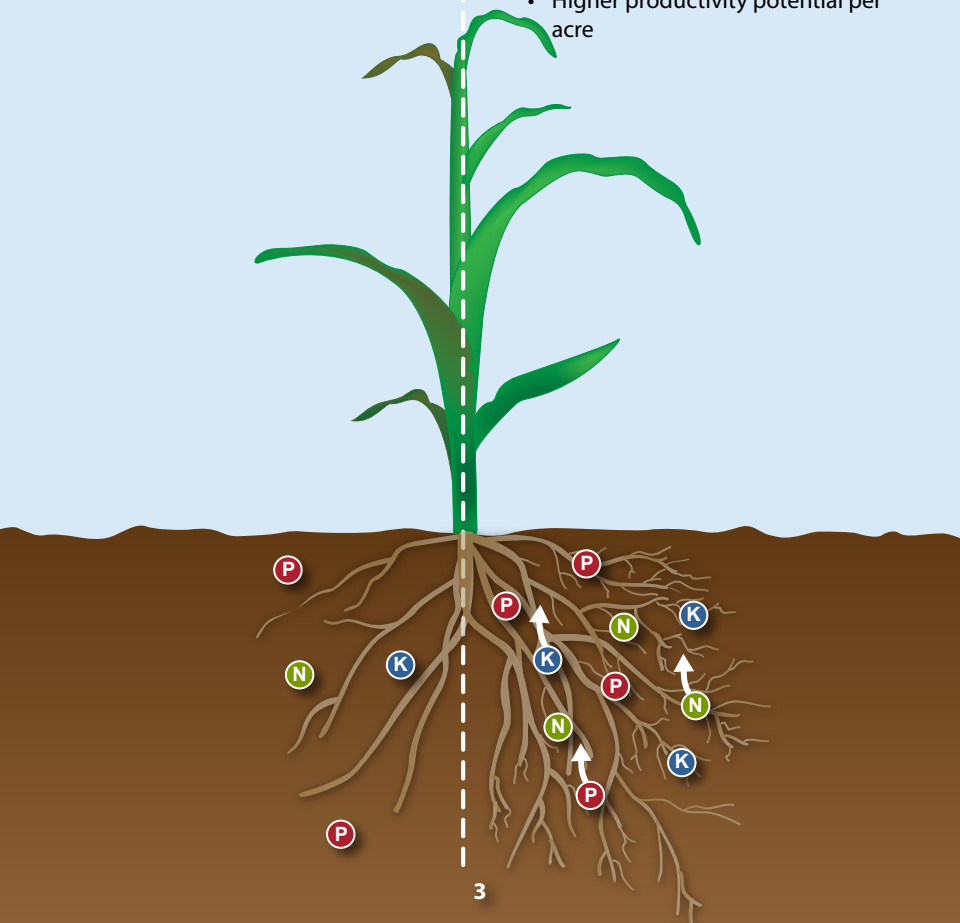
## Standard Fertilizer Program vs. BlackMax® 22 Enhanced Fertilizer

### Standard fertilizer program

- Limited nutrient mineralization/solubility
- Poor soil structure
- Weak root mass
- Potential for root/tissue burn

### BLACKMAX® 22

- Enhanced nutrient mineralization/solubility
- Positively impacts soil structure
- Encourages root mass
- Limit the potential for root/tissue burn from fertilizer
- Promotes beneficial microbes
- Higher productivity potential per acre



## 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

- Increased nutrient mineralization and solubility
- Better nutrient uptake promotes root mass
- Reduced root burn through complexing fertilizer salts
- Optimized water holding capacity\*

### Better for the Soil

- Enhanced CEC in application zone
- Supports beneficial microbes
- Promotes buffering of saline/sodic conditions
- Positively impacts soil structure

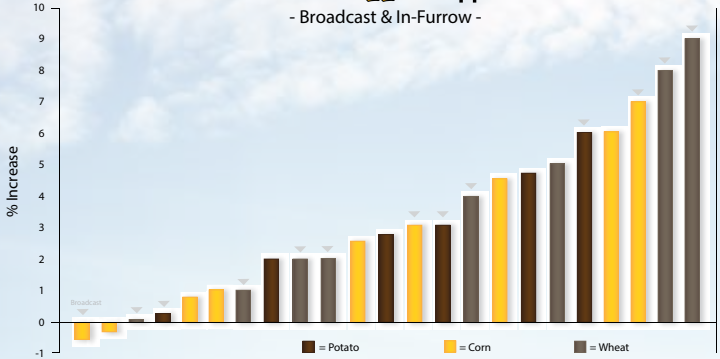
### Less Environmental Impact

- Better access to existing nutrition
- Sustainable approach to soil tilth
- Optimize land use through productivity
- Natural Petroleum-Free Product

*\*Water holding capacity varies with use rate*

## BLACKMAX 22 Soil Application

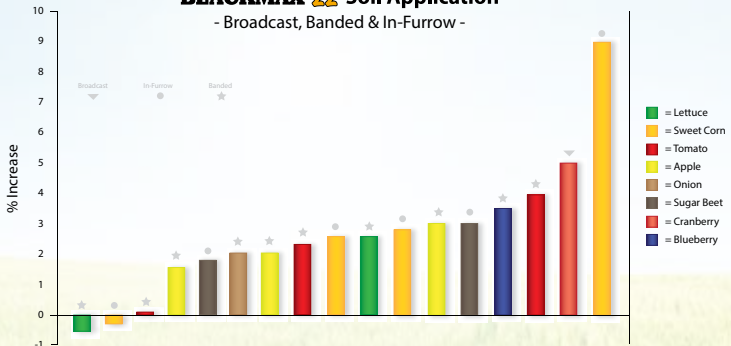
- Broadcast & In-Furrow -



Source: Nutrien Ag Solutions field trial data from 2011 to 2015

## BLACKMAX 22 Soil Application

- Broadcast, Banded & In-Furrow -



Source: Nutrien Ag Solutions field trial data from 2011 to 2015

## At a Glance

<b>Application</b>	<ul style="list-style-type: none"><li>• Suitable for soil-applied fertility with foliar flexibility</li></ul>
<b>Key Features</b>	<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

<b>Key Crops</b>	<b>Soil Applied Rate</b>	<b>Foliar Applied Rate</b>
Cereal Grains	0.5 to 4 gal / acre in-furrow or banded	1 to 12 qts/acre per application
Legume Vegetables	0.5 to 4 qts / acre	1 to 12 qts/acre per application
Root and Tuber Vegetables	0.5 to 4 gal / acre in-furrow or banded	1 to 12 qts/acre per application

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

## BlackMax® 22 is part of a sound nutritional program that may include:



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.



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.



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 Nutrien Ag Solutions Retailer

### Loveland Products, Inc.

3005 Rocky Mountain Ave.  
Loveland, CO 80538  
(970) 685-3300  
[www.lovelandproducts.com](http://www.lovelandproducts.com)



*Black Label, BlackMax, N-Pact and Radiate are registered trademarks of Loveland Products, Inc.*

*Always read and follow label directions.*

*Black Label ZN and Blackmax 22 are not registered in California, and are not approved or intended to be used or sold in California. This document is not to be used or distributed in the States of California, Oregon and Washington.*