

BLACKMAX[®] 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.



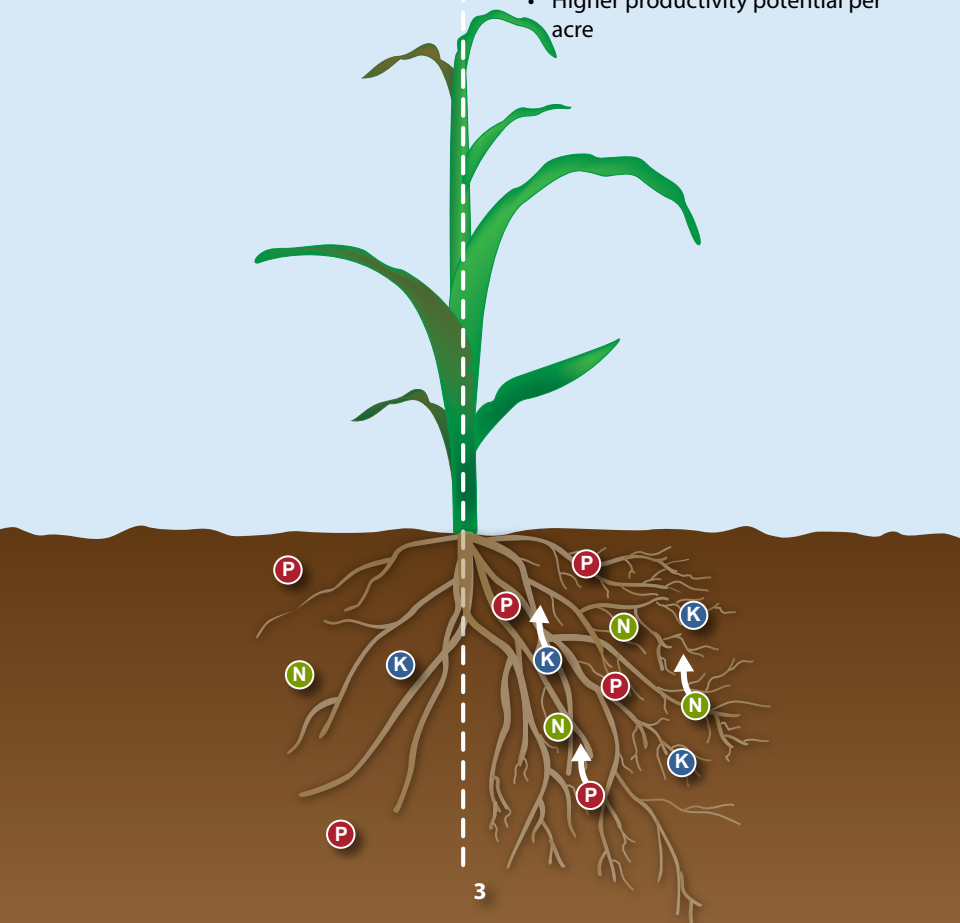
Standard Fertilizer Program vs. BlackMax® 22 Enhanced Fertilizer

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

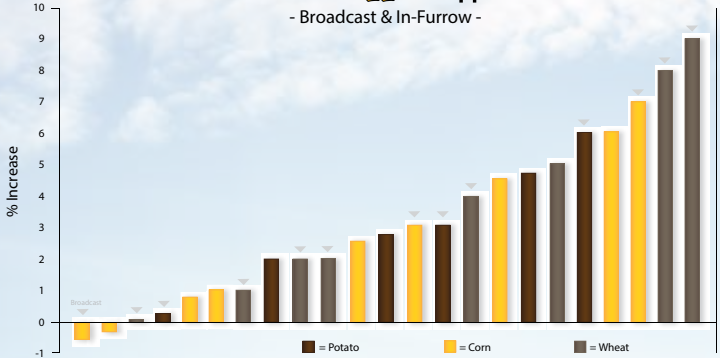
Less Environmental Impact

- 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

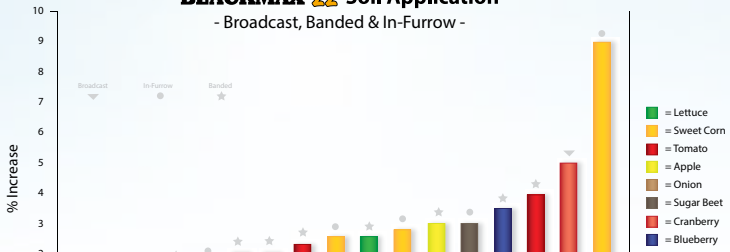
- Broadcast & In-Furrow -



Source: CPS field trial data from 2011 to 2015

BLACKMAX 22 Soil Application

- Broadcast, Banded & In-Furrow -



Source: CPS field trial data from 2011 to 2015

At a Glance

Application	<ul style="list-style-type: none">• Suitable for soil-applied fertility with foliar flexibility
Key Features	<ul style="list-style-type: none">• More for the Plant• Better for the Soil• Less Environmental Impact

Uses and Rates

Key Crops	Soil Applied Rate	Foliar Applied Rate
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 CPS Retailer

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