Timac AGRO

BLUE PHOS

PROTECT AND MAXIMIZE PLANT AVAILABLE P

BLUE PHOS is a homogeneous granular fertilizer that utilizes specialized manufacturing to protect and maximize plant available phosphorus.

Uses a natural carbon source that complexes phosphate, protecting it from environmental P loss from retrograde tie-up with other soil nutrients.

Promotes enhanced soil nutrient release by stimulating the soil rhizosphere with the use of a microbial food source.

3-28-0 analysis built with secondary nutrients (Ca, S) and micronutrients (Zn, B, Cu, Mn) to give a strong start for early growth.



STEP 1
Primary, Micro & Macro Nutrients

Essential nutrients needed for crop growth start in various shapes and sizes.



STEP 2
Ammoniated Blending

These essential nutrients are blended together with biostimulant technologies using the ammoniation process.



STEP 3
Homogeneous Granule

Composed of all essential crop nutrients set to specific grades for top crop performance that provides even distribution of nutrition to crops.

TARGET USE:

Pre-Plant Blends

Challenging pH conditions and poor soil P functions

PACKAGING:

50 lbs bag

2,000 lbs big bag

ANALYSIS:

Total Nitrogen (N)	3.0%
Available Phosphate (P_2O_5)	28%
Calcium (Ca)	7.0%
Sulfur (S)	9.0%
Boron (B)	0.08%
Copper (Cu)	0.08%
Manganese (Mn)	0.2%
Zinc (Zn)	0.2%

NUTRIENT EFFICIENCY

SOIL FUNCTION

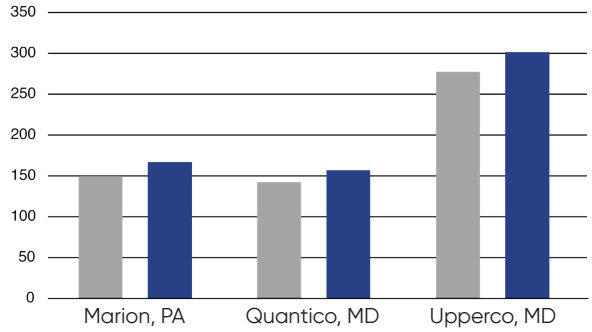
EARLY SUCCESS

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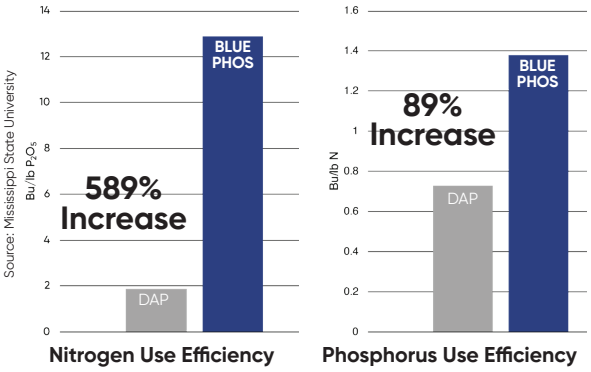
Timac AGRO USA

Protect + Perform

AVERAGE CORN YIELD BU/AC
100 lbs of MAP vs 100 lbs of BLUE PHOS

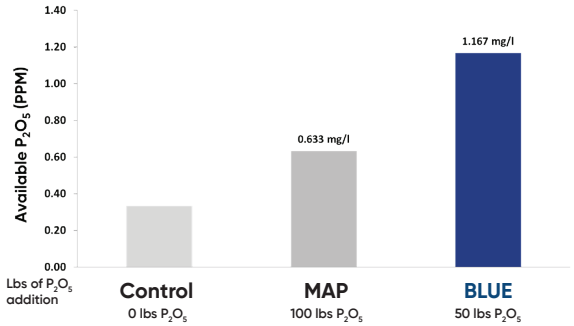


AVERAGE CORN BU/AC PER POUND P_2O_5 APPLIED



Using a reduced rate of BLUE PHOS compared to a full rate of DAP, we achieved a **89% increase in phosphorus use efficiency** and a **589% increase in nitrogen use efficiency.**

AVAILABLE PHOSPHORUS OF THE SOIL SOLUTION



With 50% less phosphorus applied, the available P_2O_5 concentration in the soil solution is nearly double.

High-Molecular Weight Carbon Fraction

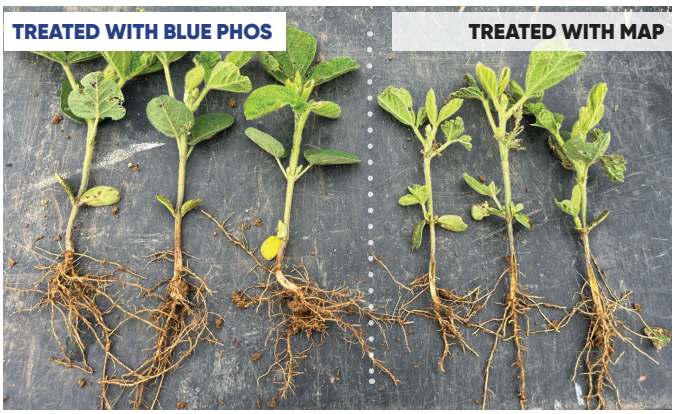
A high-molecular weight carbon-based complex purified using patented extraction and activation processes. This complex can bind and hold nutrients in the soil, releasing them when crops have the greatest need.

Precision Plant Extracts

Special plant extracts that promote growth of soil microbes such as Rhizobacteria and mycorrhizal fungal populations, that help increase plant nutrient uptake, and promote soil health.

With the enhanced efficiency of BLUE technology, almost half as much nitrogen and phosphorus achieves performance equivalent to that of conventional fertilizers.





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