

TWICE THE EFFICIENCY, HALF THE RATE

Crystal Green™ Presents:

P2X™

Phosphate, Perfected

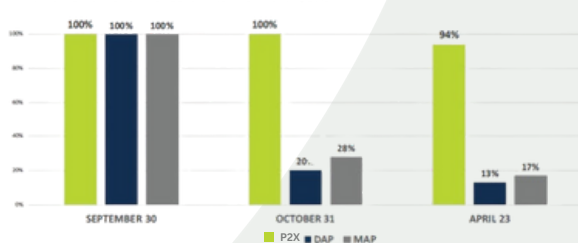


P2X™ is a 2X more efficient phosphorus source than MAP, meaning you can apply less phosphorus while achieving the same results. Unlike conventional fertilizers that bind to the soil and become unavailable, P2X™ uses a controlled-release system, dissolving only when plant roots excrete citric and other organic acids. That means season-long feeding, better uptake, and less waste.

The Most Efficient Phosphate Available. Period.

- APPLY LESS, GET MORE** – Twice the efficiency of MAP allows you to cut your phosphorus rates without sacrificing yield.
- SEED-SAFE FORMULATION** – Apply in-furrow with confidence, eliminating the risk of seedling damage.
- INCREASES SOIL BIOLOGY** – P2X™ promotes a healthier soil microbiome, enhancing nutrient cycling and long-term soil fertility.
- CONTROLLED RELEASE, SEASON-LONG FEEDING** – Phosphorus remains plant-accessible all season, reducing tie-up and leaching losses.

Proven Root-Activated™ Release Reduces Fixation & Impact of Runoff
94% Remains Plant-Available After Fall Fertilization



North Dakota State University, Dr. Joel Ransom, 2017-18

Outperforms MAP at
50% the rate.

The phosphate that
doesn't get tied up- or
tied down.

P2X™: 2x the efficiency.
Zero Compromise.



Unlike conventional phosphorus fertilizers that become locked in the soil and require heavy applications, P2X™ remains in the root zone, releasing nutrients only when roots excrete citric and other organic acids. This ensures phosphorus is available exactly when and where plants need it most—improving efficiency, maximizing uptake, and minimizing loss.

300
SGN

55lbs
BULK
DENSITY

7.7
SALT INDEX

POSITIVE YIELD RESPONSE ACROSS A WIDE VARIETY OF CROPS

| CROP | YIELD INCREASE RANGE: UNIT/ACRE |
|--------------|---------------------------------|
| Canola | 2.7 bu/acre |
| Spring Wheat | 2.9 bu/acre |
| Peas | 2.1 bu/acre |
| Lentils | 5.1 bu/acre |
| Soy Beans | 2.3-3.1 bu/acre |
| Corn | 7.9 bu/acre |
| Alfalfa | 1.4 ton/acre |
| Potato | 28.9 cwt/acre |
| Sugar Beets | 4.34 ton/acre |
| Winter Wheat | 3.8 bu/acre |

With P2X™ you're not just reducing inputs—you're maximizing efficiency, protecting your soil, and optimizing your investment.

MAXIMUM YIELD. MICROBIAL POWER. PROFIT-DRIVEN PERFORMANCE.

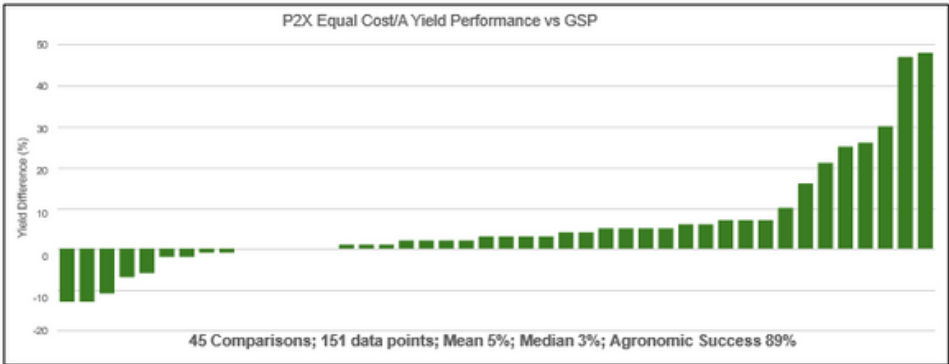


P2X™ VS MAP

| | P2X | MAP |
|-----------------------|--------------------------------------|--------------------------------------|
| Solubility | Organic acid soluble, root-activated | Water soluble |
| Phosphorus tie-up | Low – does not fix in soil | High tie-up in acidic/alkaline soils |
| Nutrient Loss Risk | Low | High in wet conditions |
| Environmental Safety | Reduced leaching/runoff risk | Higher leaching potential |
| Additional Nutrients | Magnesium | - |
| Placement Flexibility | Seed-safe, low salt index | Higher salt index, not seed-safe |



P2X™ Keeps Nutrients Available



Yield results using P2X as recommended at an equal investment per acre
P2X Unparalleled Nutrition — Unequaled Sustainability

P2X™ increased bacterial diversity and increased microbial activity for healthier soils and crops

