

CROP
NUTRIENT

M-STRUCT

YOUR BELOW GROUND PHOSPHOROUS USE EFFICIENCY SOLUTION

➔ STRONG ROOTS NOW = STRONG YIELDS LATER ➔

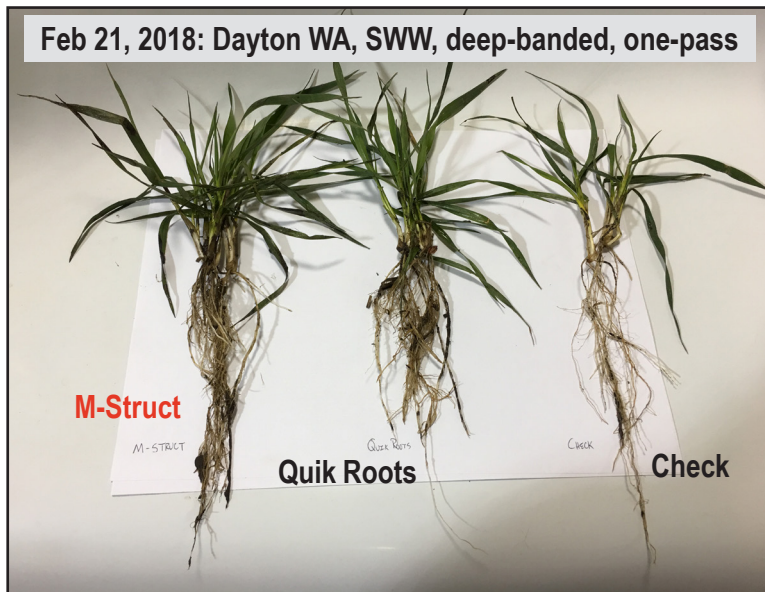
M-Struct is a McGregor exclusive blend of amino, humic and fulvic acids combined with highly refined carbon sources.

M-Struct was developed to meet the unique needs of crops grown in the Pacific Northwest.

M-Struct improves phosphorous input efficiency by providing a place for P to bind that remains plant available - preventing tie-up in extreme pHs & cool soil temps.

M-Struct gets crops off to a quick and robust start with unmatched positive visual and yield responses.

M-Struct is an EXCELLENT foundation product to build high performance blends tailored to maximize yield goals on your farm.



M-Struct

by the numbers:

Over last **3** years...
in **15** locations...
...across **25** trials

average *yield increase* of

5+ bu/ac

Data collected 2015-2017 comparing treatments with varying M-Struct and phosphorous rates while all other nutrients held to the same rates; applied in furrow and deep banded.

TMC Product Information



The McGregor Company - 401 Colfax Airport Rd - PO Box 740 - Colfax, WA 99111
800-873-8666 - www.mcgregor.com

Oct-2018

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Q: How does the proprietary blend of organic acids in M-Struct protect phosphorous?

A: The organic acids provide P_2O_5 a place to bind that remains plant available instead of tying up on clay particles.

Q: What forms of phosphorous fertilizer can M-Struct be used with?

A: Any liquid poly, ortho, or blended phosphorous source will gain from the addition of M-Struct.

Q: What are the recommended application methods?

A: M-Struct improves efficiency of P-uptake and is recommended anytime P is applied. Apply directly in-furrow, deep-banded, or with additional P fertilizers to create a high performance blend.

Q: Why does soil pH matter to phosphorous use efficiency?

A: In soil pH levels under 6.0, phosphorous gets tied up by aluminum and iron. In soil pH levels above 8.0, phosphorous ties up with calcium. M-Struct provides phosphorous a place to bind that remains plant available.

Q: When are the critical demand periods for phosphorous?

A: Phosphorous is required throughout the growing season for early season root and shoot growth and also for late season grain fill and quality. P and Zn are the nutrients required most by the crop in early season; getting crops off to a fast start with a solid root foundation.

DIRECTIONS FOR USE:

M-Struct should be soil applied.

M-Struct is seed safe and can be applied in-furrow (direct or close contact with seed).

M-Struct is well suited for deep banded, knifed, Ripper-Shooter, no-till-drill & in-furrow applications.

8-24-0

Guaranteed Analysis

| | |
|---------------------------------------|--------|
| Total Nitrogen (N)..... | 8.00% |
| 8.00% Ammoniacal Nitrogen | |
| Available Phosphate (P_2O_5)..... | 24.00% |
| Zinc (Zn)..... | 0.25% |
| 0.25% Chelated Zinc | |

Derived from: Ammonium Phosphate, Urea, Ammonium Nitrate, Zinc EDTA, Molasses

Density: (68°F) 10.90 lbs/gal

USE RATES AND GUIDELINES:

Minimum Use Rate: 0.5 gal/acre

Maximum Use Rate: 10 gal/acre

Recommended Use Rate: 1 to 2 gal/acre

Always jar test new mixes for compatibility.



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