

Duo Maxx

→ RHIZOVIT DUO

N-P-K Stabilizer

PLANT NUTRITION
FERTILIZER ADDITIVE

TIMAC AGRO TECHNOLOGY

Our patented formulas are derived from nearly 60 years of research and development in plant extract technology. Through precise methods, our extracts are evaluated for their specific effects at each stage of crop development. By enriching selected extracts with macro- and micronutrients, we create bionutritional formulas that meet the ever-changing needs of the crop. Better yield and quality benefit our customers and are the result of improved emergence, vegetative growth, and reproductive performance.

As a company, our mission is to improve agriculture by focusing on four major areas of service to growers:

- Relentless innovation
- Flexible manufacturing
- Optimized applications
- Partners in the field

FEATURES

Duo Maxx is a combination our patented phenolic binding compound, MPPA, nitrogen stabilizer, and our patented Duo complex. The formulation ensures maximum below-ground protection against nutrient loss. Duo Maxx is intended for treatment of incorporated liquid and granular fertilizer blends with N but can also be used on surface applied P and K.

KEY BENEFITS

- MPPA (Macro Molecular Polyphenolic Acid) is designed to stabilize primary and secondary nutrients by binding and protecting them from loss and(or) retrograde tie-up
- Contains a combination of NBPT and DCD designed to slow nitrogen transformation
- Formulated with the patented Duo Complex



ACTIVE INGREDIENTS

MPPA Carbon Fraction, LCN Nitrogen Loss Complex, XCK-1750 Microbial Activator Complex

PACKAGING SIZE

- 2x2.64 gallon case
- 264 gallon tote

APPLICATION

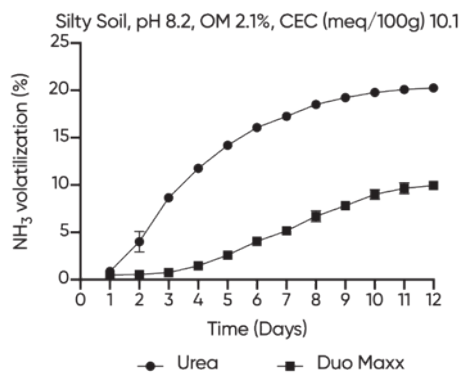
Can be used at 2-3 qts per ton/dry fertilizer

Can be used at 2-3 qts per ton/liquid fertilizer

Can be used in-furrow or with starter fertilizer in 2x2 at a minimum rate of 8 oz/ac

N-P-K STABILIZER

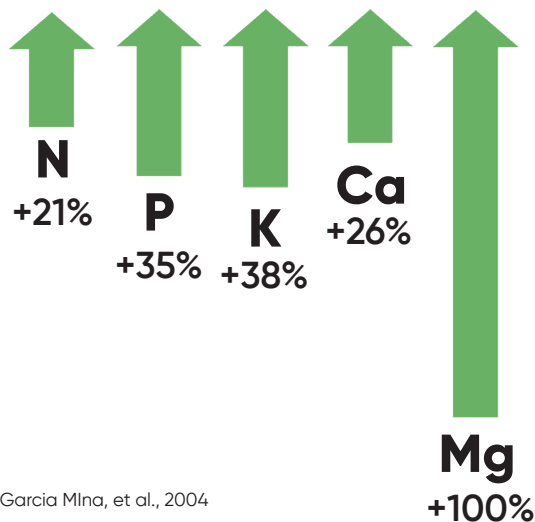
REDUCE AMMONIUM VOLATILIZATION



CMI, 2019

**THE FERTILIZER ADDITIVE BUILT
FOR THE PLANT & THE SOIL.**

NUTRIENT UPTAKE



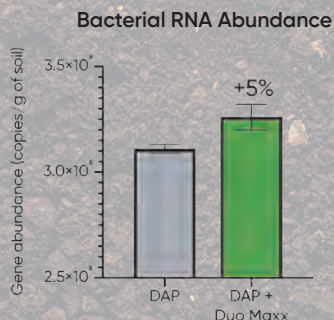
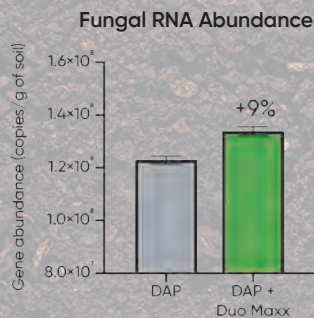
Garcia Mlna, et al., 2004



Reduced P runoff by
43%
over untreated DAP

CMI, 2019

MICROBIAL ACTIVATION



CMI, 2020

Reduced Nitrate Leaching

-33% -48% -19% -17%



8 Days 20 Days 30 Days 40 Days

CMI, 2019