



# Nutrient Uptake Efficiency Enhancer

ANALYSIS (5-15-5)

## Application Guidelines



STARTERS

### WHAT IS IT?

- > TPA<sup>®</sup> stands for Thermo Poly Aspartate.
- > Highly polymerized and negatively charged beta protein.
- > Biodegradable and lasts 120 days in the soil.

### WHEN & WHY USE IT?

- > Used in starter fertilizer to reduce the binding of phosphorus with Ca<sup>2+</sup>, Fe<sup>3+</sup> or Al<sup>3+</sup>.
- > Applied in alkaline soils with high content of Ca<sup>2+</sup> and in acidic soil with high levels of Fe<sup>3+</sup> or Al<sup>3+</sup>.
- > By reducing the tie-up, TPA<sup>®</sup> increases nutrient availability.

### WHAT TO EXPECT?

- > Improved root development and growth.
- > Better nutrient availability and uptake visible in tissue tests.
- > Increased tuber count in potatoes with an even size.
- > Improved marketable yield in potatoes.

Apply 1-2 L/ac of TPA<sup>®</sup> with in-furrow applied liquid fertilizer.

TPA<sup>®</sup> can be injected into the irrigation water (micro jet or drip).

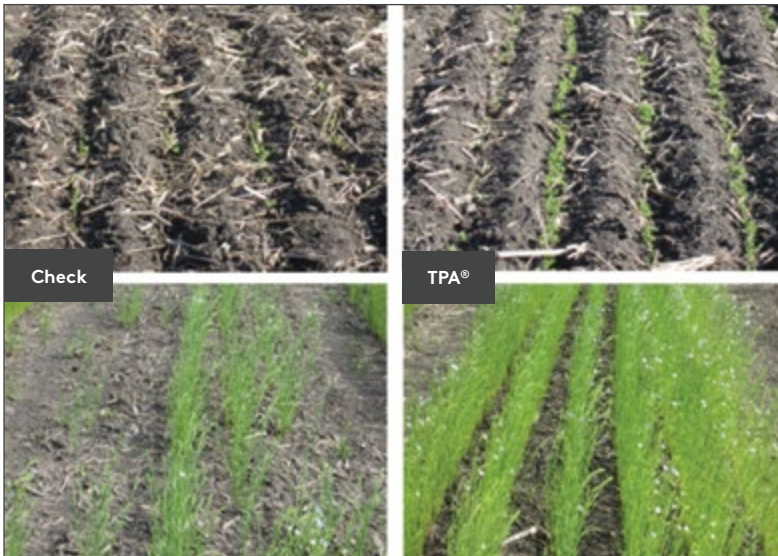
TPA<sup>®</sup> may be used to reduce corrosion in liquid fertilizer tanks.

It can be applied in combination with a foliar fertilizer program.

The product is available in 10 L jugs, 450 L and 1000 L IBC's.

Also available with PGRs.

\*TPA<sup>®</sup> is a registered trademark of OMEX Agriculture Inc.



In heavy clay soil



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