

CONVEY™ PRO

Biostimulant



Timing:
Seed, Soil, Foliar

Formulation:
Liquid



Convey PRO is an EPA approved Plant Growth Regulator (PGR) that consists of two novel technologies:

1. "Convey" - CPPA
2. "PRO" - Cytokinin

A PGR Stack creates a synergistic effect to drive the productivity of your crop.

- Improves root and shoot growth
- Increases early season emergence and vigor
- Mitigates yield limiting stress used alone or with an in-furrow starter fertilizer
- Early advantage that benefits the crop all season resulting in more bushels/acre

1 CONVEY™

Convey is a patented technology that works in the plant to drive respiration. Increased respiration helps to:

- Drive rooting
- Superior uptake of applied nutrients
- Improve nutrient use efficiency
- Alleviate stress
- Increases yield and backed by over 1100 independent replicated trials

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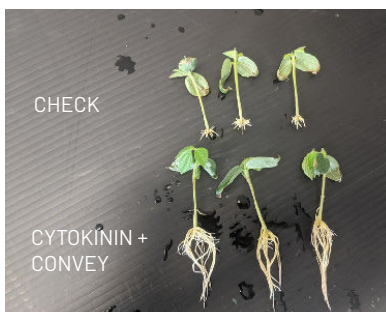
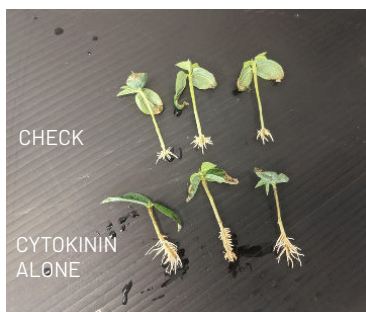
2 CYTOKININ

Cytokinin is a technology that creates bigger, stronger plant root systems that:

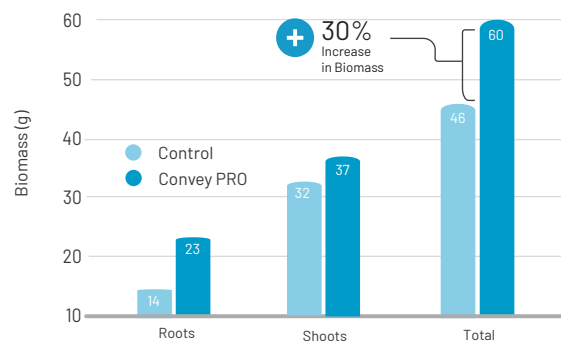
- Improves the plant's ability to absorb nutrients
- Increases capacity to store carbohydrates that are used to fuel plant growth and development
- Enhances the formation of nodules and Nitrogen fixation in legume crops
- Increases healthy populations of microbes in soil
- Improves the growth and uniformity of shoots

Convey and Cytokinin - Synergistic Effect

Enhanced Root and Shoot Growth



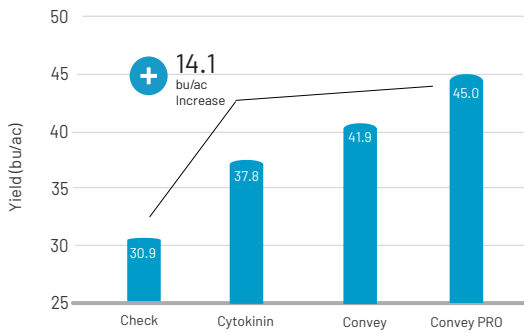
Improved Antioxidant Activity During Heat Stress



Source: Northern Plains Research, Gardner, ND

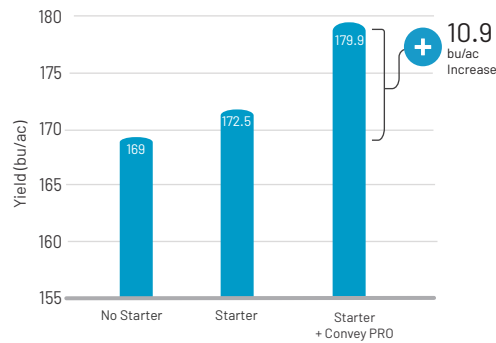
Combination of PGR's Drive Nutrient Uptake and Yield

SEED APPLIED - PGR STACKING DRIVES YIELD (SOYBEANS)



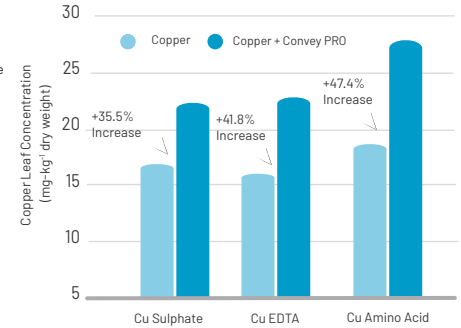
Cytokinin applied at 1.5 oz/100lbs of seed
 Convey applied at 1.5 oz/100lbs of seed
 Convey PRO applied at 1.5 oz/100lb of seed

SOIL APPLIED - PGR STACKING INCREASES YIELD (CORN)



Average yield across 8 replicated locations (IL, KS, ND, NE, MO, WI).
 Convey PRO applied at 8 oz/ac

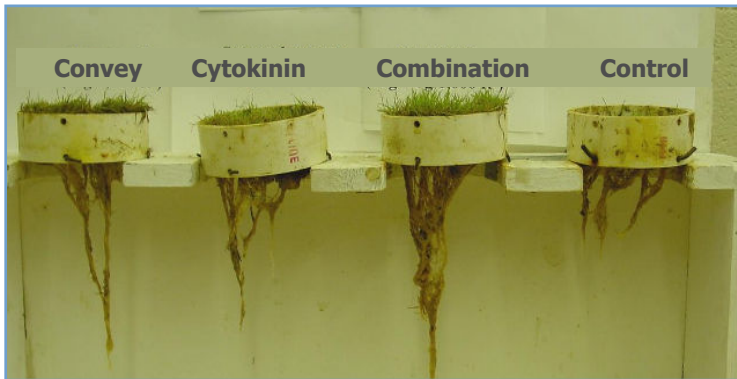
FOLIAR APPLICATION - IMPROVED NUTRIENT UPTAKE



Convey PRO consistently enhanced copper concentration in fully developed young leaves treated with three different forms of copper.
 Convey PRO applied at 5oz/ac
 All copper applied at 1qt/ac

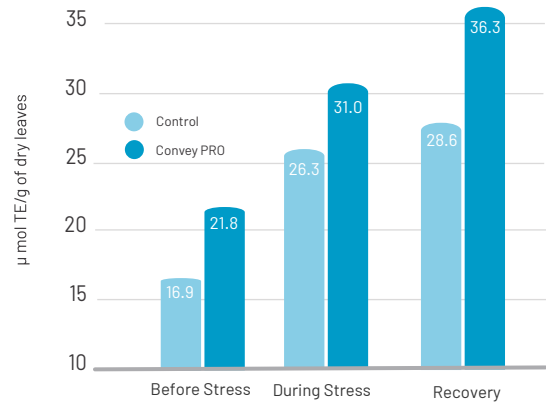
Addressing Abiotic Stress - Drought and Heat

Improved Rooting During Drought Stress



Water was withheld for 4 weeks
 Photos taken 10 days following irrigation

Improved Antioxidant Activity During Heat Stress



During Heat Stress - Photosynthesis is optimized with Convey PRO by eliminating free radical build up in the leaves by improving antioxidant activity

Product Recommendations

- The rate of Convey PRO is dependent on the application method, product placement and timing.
- Convey PRO can be seed applied. If applied alone, additional water may need to be added to ensure uniform seed coverage.
- Convey works best with soil applications when combined with fertilizer as an in-furrow treatment.
- For foliar applications, apply directly to the actively growing plants with a minimum water volume of 10 gal/ac.
- Convey PRO can be applied with all nutrient products and pesticides. Be sure to conduct a jar test if combining with other nutrients outside of 10-34-0, UAN, ATS, Micro-Che or Laser.

Product	Analysis	Rate	Timing
Convey PRO	CPPA + Cytokinin	1.5 oz/100lbs seed	Seed
Convey PRO	CPPA + Cytokinin	8-20 fluid oz/ac	Soil
Convey PRO	CPPA + Cytokinin	3-10 fluid oz/ac	Foliar

- To view the Convey PRO SDS and Product Label, as well as to read more information on product compatibility please visit www.atpag.com



At ATP, we believe a proactive, science-based approach to restore the balance between plant and soil health is the single most effective way to deliver the genetic potential of the crop. We challenge the status quo by utilizing agtech to monitor and drive productivity.

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