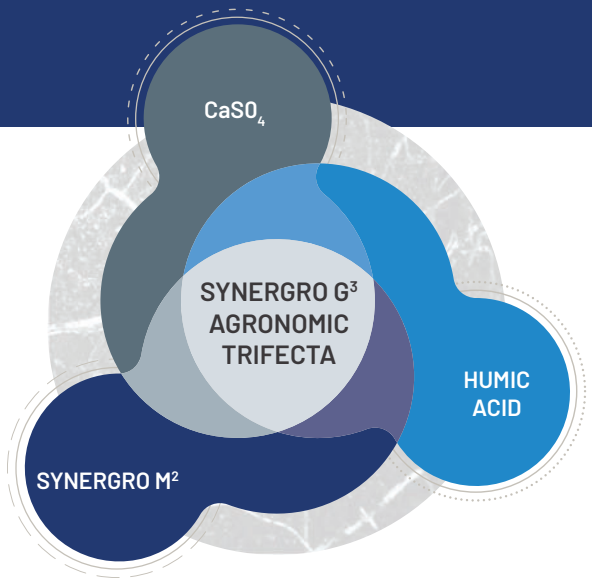
Synergro G^3

Biostimulant | Nutrition

Timing: Soil

Formulation: Granular



Introducing the FIRST Granular Biostimulant

Synergro G^3 is the first granular biostimulant derived from a consortium of biological metabolites. Designed to be blended, stored and applied with granular fertilizers at the time of planting. Synergro G^3 easily fits into a grower's current operation.

Synergro G^3 – Experience the Agronomic Trifecta

1. **Synergro M^2 Technology** – Derived from a consortium of microbes uniquely co-fermented to produce a rich array of metabolites to improve the signaling capabilities of plants and liberate soil nutrients.
2. **$CaSO_4$ (Gypsum)** – Base material built of $CaSO_4$, a plant available source of Calcium and Sulphur.
3. **Humic Acid** – Source of carbon for the rhizosphere microorganisms to proliferate.

Synergro G^3's agronomic trifecta drives:

- Increased rooting
- Improved nutrient use efficiency
- Metabolites that boost plant tolerence of stress
- Improved overall soil microbiome functions
- Blendable with all granular fertilizers (N, P, K, S, micros)
- Improved growth regulating phytohormones

All the Benefits of a Biostimulant with the Ease of a Granular Application

With over 80% of the market applying granular fertilizer (MAP, DAP, NPS) there are logistical limitations to get a biostimulant applied at seeding.

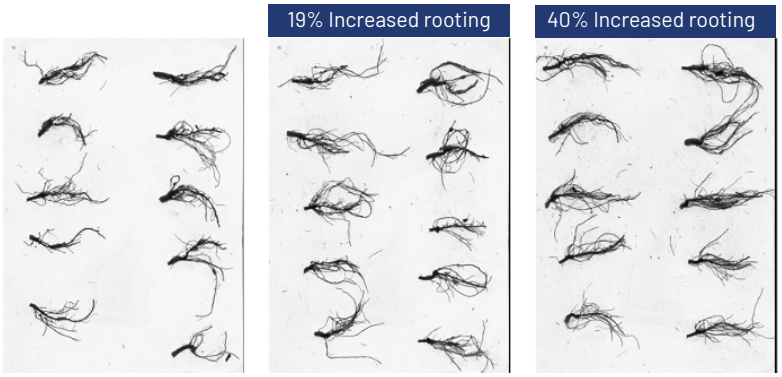
Synergro G^3:

- Offers flexible storage and handling to optimize the logistics both to and from the dealership to the growers seeding equipment
- Integrates into an retailers dry fertilizer plant
- Handles well in a wide range of seeding equipment

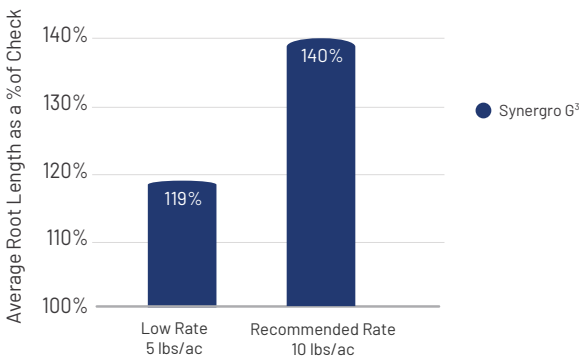
Proven Agronomic Performance

Impact on Rooting

All rates of Synergro G³ significantly enhanced root architecture (40% increase at the recommended rate) over the check, resulting in a yield increase.

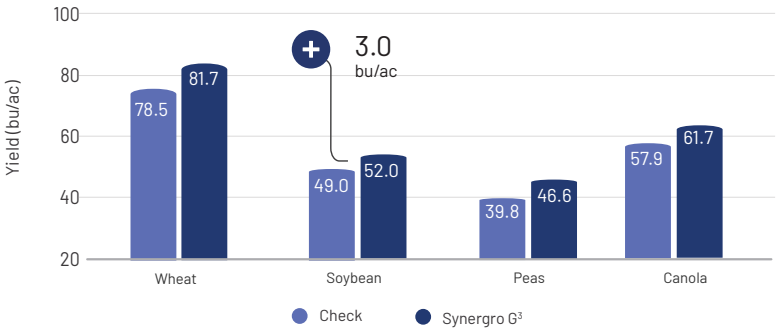


Check | Synergro G³ Low Rate (5 lb/ac) | Synergro G³ Recommended Rate (10 lb/ac)



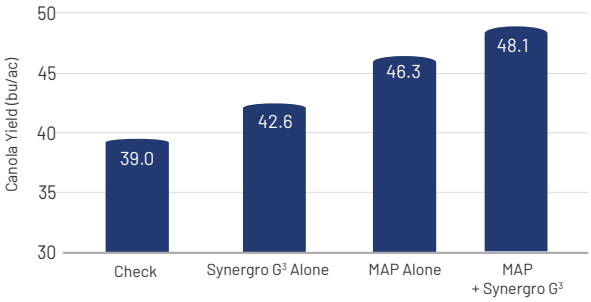
Root length data generated from WinRhizo Scans.
Roots were collected 14 days after emergence (approx. 2-3 leaf stage).

Increased Rooting Impacts Yield

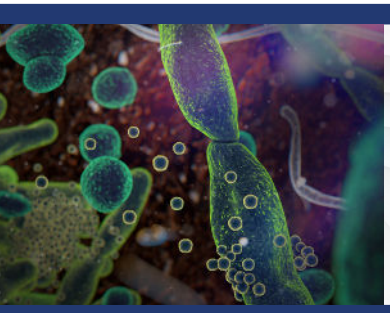


For all trials, Synergro G³ was applied in furrow, at 10 lb of product/ac.
This represents 250 ml/ac of Synergro M² being applied. Trial summary of 3 years of small plots data (2020, 2021, 2022).
# of trials per crop - Soybean (5) Wheat (5), Peas (3), Canola (3)

Yield - Nutrient Stacking Effect



Summary of 2 replicated trials in 2023 (AIM, ICMS).
MAP application rate - 20 lbs P_2O_5/ac in seed row.
Synergro G³ rate - 10 lb/ac placed in seed row.



" Microbial function changes driven by Synergro G³ occured within the group of microbes known to provide: plant growth regulating phytohormones, metabolites that boost plant tolerance of stress, and biocontrol of soilborne pathogen risks."

- Biome Makers, 2023

Product Recommendations

- Synergro G³ must be seed placed or side banded close to the seed.
- Broadcasting or mid-row banding is NOT an acceptable method of application for Synergro G³.
- To view the Synergro G³ product label and SDS or product compatibility information please visit www.atpag.com

Product	Analysis	SGN	Bulk Density	Package Size	Application Rate	Timing
Synergro G³	Synergro M² + Humic Acid + $CaSO_4$ (0-0-0-6.5S-8.5Ca)	230	59 lbs/ft³	907 Kg (2000 lbs)	10 lb/ac	Soil

ATP
RESTORE THE BALANCE

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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