

GROWING POTATOES WITH ALPHA

Alpha is a highly active liquid humic and fulvic formulation designed for in-season in-furrow application with your liquid starter. Applied during early crop development, Alpha improves nutrient movement, root function, and plant efficiency at key growth stages. Proven in Manitoba potato production, Alpha delivers measurable yield response and strong economic return with a low-rate, low-cost in-furrow pass.

How Alpha Works

Alpha functions as a biological catalyst rather than a soil amendment. When applied in-furrow at planting, its fulvic-rich profile improves nutrient mobility within the plant, supporting more efficient uptake and translocation of applied and native nutrients. Alpha enhances root activity and photosynthetic efficiency during early bulking, helping potatoes convert nutrients and moisture into tuber mass more effectively. This improved internal efficiency supports stronger tuber set and size development without changing fertility programs or application logistics.

Because Alpha works through plant physiology rather than soil modification, it complements existing programs and delivers fast, visible response.



A 4L in-furrow Alpha application delivered a 35x return on investment in potatoes.

Performance Results

2025 potato trials in Manitoba evaluated in-furrow Alpha applications under favorable growing conditions. Alpha was applied in-season at planting, with conventional liquid starter. Results showed consistent yield improvement versus the untreated control, with performance driven by improved tuber size distribution and marketable yield. Economic analysis confirmed strong return relative to product cost, reinforcing Alpha's role as a high-efficiency input in potato systems.

Improved Tuber Size Distribution

Alpha supports nutrient movement during bulking, shifting yield toward larger, more marketable tubers.

Higher Nutrient Efficiency

Enhances uptake and internal transport of nutrients already in the system, improving fertilizer efficiency.

Fast In-Season Response

In-furrow delivery drives rapid plant response without waiting on soil activation.

Simple Program Fit

Applies easily with existing in-furrow passes, working seamlessly with conventional at-planting practices and liquid starters.

