



Potato Agronomic Program

Amp Agronomy Enhances Potato Yield & Quality

On potato trials, employing the full Amp Agronomy program proved the superiority of Amp Agronomy solutions in enhancing root strength, tuber growth and ultimately, yield and quality.

Nutritional Trial:

The goal of this trial was to address a total nutritional program for Russet Burbank potatoes that enhances yield and quality, while maintaining a consistent cost-per-acre, and lowering overall inputs (rate-per-acre).

Using the Amp Agronomy products as outlined in Chart One, overall nitrogen inputs were reduced 20 percent throughout the 40 acre test area.

Material	Rate/Acre	Timing	Application
Root Driver	3 qts.	Planting	In planter
Carbon Karma	2 qts.	Planting	In planter
Macro Micrco	1 qt.	Planting	In planter

Material	Rate/Acre	Timing	Application
Root Driver	1 qts.	Emergence	Fertigation
P&K+	2 qts.	Emergence	Fertigation
SurCal+	1/2 qt.	Emergence	Fertigation
Carbon Karma	1 qt.	Emergence	Fertigation

Repeat 10-14 days

*Repeat 45 days at .25 gpa if necessary (1x may be adequate)

Material	Rate/Acre	Timing	Application
Ultimate	1 qt.	Hooking	Fertigation
Macro Micrco	1 qt.	Hooking	Fertigation
Mega Cal	1/2 qt.	Hooking	Fertigation

Repeat 7-10 days

Material	Rate/Acre	Timing	Application
P&K+	1 qt.	Tuber sizing	Fertigation

Repeat 3x every 10-14 days

Both overall yield and potato sizing were significantly increased using the AMP program, compared with a conventional 75 "top-of-the-line" program, applied per manufacturer recommendations.

Potato Performance Solutions

Ultimate™ 

The combination of essential nutrients, sugars and Amino Acids in Ultimate provides plants with the nutrition necessary for more consistent maturation and increased productivity.

Root Driver™ 

Root Driver provides not only economic benefit, but satisfies most phosphorus environmental regulations relating to pounds per acre, while still meeting or exceeding the plants' needs.

P&K+™ 

The complexing and chelation of P&K+ with Humic, Fulvic and Amino Acids assures effective nutrition to aid in photosynthesis, root strength and increased protein production.

Carbon Karma™ 

The unique formulation of plant-available short and long chain carbons and protein nutrients in Carbon Karma are vital for enhancing microbial activity and maximizing plant growth potential.

Macro Micro™ 

Macro Micro provides just the right balance of micronutrients, chelated and in a form ready for plant uptake, which promotes robust growth, color and ultimately, yield.

Mega Cal™ 

MegaCal is a highly efficient calcium and silicon fertilizer, designed improve cell wall strength, and increase plant resistance to a stress.