

POTATOES

GROW BIGGER. GROW FASTER. GROW MORE



Grow your potato profits with Growthful.

Growthful™ is the auxiliary soil amendment that helps you grow more, faster and can easily be added to your current cultivation application methods.

- ✓ Increase crop yields
- ✓ Grow bigger crops faster
- ✓ Improves and increases water/nutrient availability, use, efficiency, processing, and retention
- ✓ Condition your soil for improved plant performance
- ✓ No added application costs

Consult with an Aqueus representative for specific details.

CONTROL

WITH GROWTHFUL

GREW YIELD AS MUCH AS 20%

“ We have been using Growthful for the last few seasons on our Jersey Royal seeds and have noticed a definite increase in crop growth, health, and quality.

The increased yield in final tuber tonnage has ranged from 6% to 20%. This product has the potential to have a huge economic benefit to our potato production and we look forward to continuing our work with the Aqueus team. —Nick S. Mourant, Director, Haut Du Mont Farm

Profitable no matter the crop.

- CARROTS
- CORN
- HAY
- LETTUCE
- ONIONS
- PEPPERS
- POTATOES
- SNAP PEAS
- SUGAR BEETS
- WATERMELON
- WHEAT

NEBRASKA POTATO GROWER

Growthful produced higher value, larger tubers, and in greater quantities. Overall total yield increase averaged 5-6% on this trial.

This Nebraska farmer, grows and ships fresh, processed, and seed potatoes year-round. They are fourth generation potato farmers, and are AIB, GAP, and SGS approved, and currently farms 2,500 acres throughout Nebraska and Kansas.

Application: 120-acre irrigated plot in Nebraska, USA. The northern half of the plot (60 acres) was treated with Aqueus' Growthful chemistry, the southern half (60 acres) was treated conventionally as a control group. The plot utilizes a center pivot irrigation system. Applied at 7-10 day intervals.

Growthful Results

- ✓ Significant improvements in yield, tuber size, and overall plant health
- ✓ The treated crops were ready for harvest 6-8 weeks prior to the untreated crops
- ✓ Speed to maturity provides flexibility in planting and harvesting cycles
- ✓ Opportunity to harvest earlier and garner a higher price for the early crop potatoes
- ✓ Avoid the potential destructive impact of early hard freeze events before harvest
- ✓ Overall total yield increase averaged 5-6% on this trial



Growthful Pre-Emerge

Burndown or at Pre-Emerge with Herbicide application: A single application prior to the emergence of the plant. Dilute 2 gallons of Growthful Pre-Emerge in a minimum of 10 gallons of water and apply to soil prior to emergence of the plant. The target application rate is 2 gallons of Growthful Pre-Emerge per acre.

In Furrow or 2 x 2 application: Dilute 16 oz. of Growthful Pre-Emerge in a minimum of 3 gallons of water per acre on 30" rows. For fields with 15" rows, dilute 32 oz. Growthful Pre-Emerge in 6 gallons of water per acre.

Growthful Post-Emerge Spray

Broadcast applications at R1: Dilute 12.8 oz. of Growthful Post-Emerge Spray in 10 gallons of water and apply broadcast to soil or over crops after emergence. Apply 12.8 oz. per acre. Can be used in center pivot applications.

You should discuss application details with your Aqueus Sales Representative.

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