Actinovate®
Biofungicide

Actinovate Increase Tasmanian Premium Potato Yield by 17%

TRIAL DATE	Nov 24 – March 25				
RESEARCHER	Julie Finnigan				
TARGET	Root Diseases	CROP	Potato Var. Clearwaters	LOCATION	Table Cape, Tasmania

KEY FINDINGS:

The application of Actinovate at 500g/ha with Amistar In-Furrow in Tasmania, potato growing season of 24-25 has been shown to increase total yield by up to 12.1 t/ha (16.38%) and premium yield by 12.78 t/ha (17.5%) compared to application of Amistar alone.

TRIAL GOAL

Asses the ability of Actinovate to suppress disease and improve potato plant health, yield and quality of tubers compared to the traditional use of Amistar fungicide alone.

APPLICATION

All treatments were applied in furrow at sowing with the seed. Each treatment covered a block of 12 rows, approximately 1ha each. Actinovate was added to the tank mix last prior to application.

RESULTS

Recent field trials show that adding Actinovate® to your crop protection program with Amistar® can deliver substantial benefits, even in low disease conditions.

Key Results:

Higher Yields:

- Amistar alone: **67.8 t/ha**
- Amistar + Actinovate 500g/ha: **79.9t/ha**
  That's up to **+12.1 t/ha** more compared to Amistar alone.

More Premium-Grade Tubers:

- All treatments that included Actinovate delivered around **5%** more tubers in the premium class, improving pack-out and market returns.

Improved Quality:

- Specific Gravity (SG), a key quality indicator in potato processing, was highest with Actinovate 500g + Amistar, suggesting better overall tuber quality. SG improvement over Amistar alone: 0.004 (small but meaningful for processors).

Exceptional ROI Potential:

- Minimum estimated return: $218/ha (after product cost)
- Average scenario: Up to $5,626/ha in added value

For more information on Actinovate
Speak to your sales representative for a full trial report.

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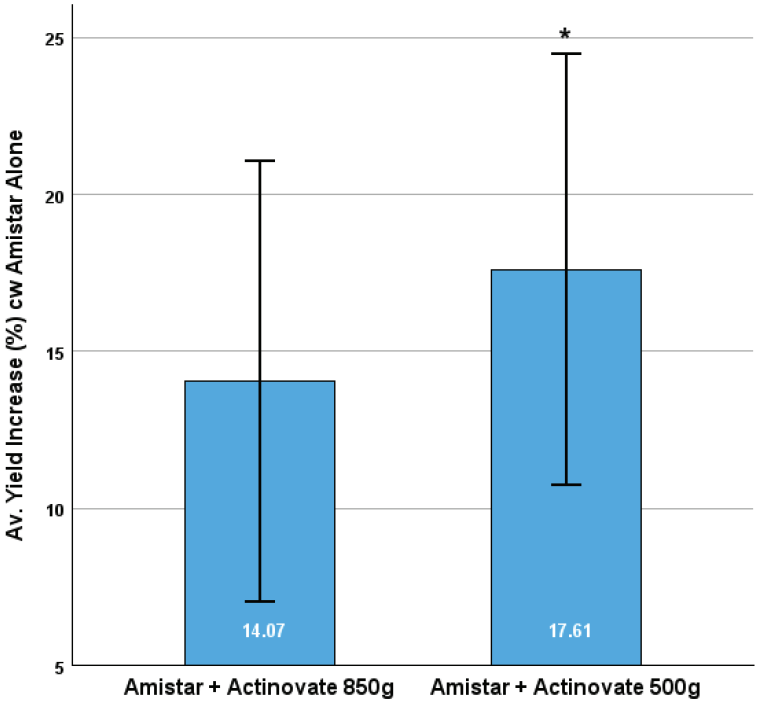
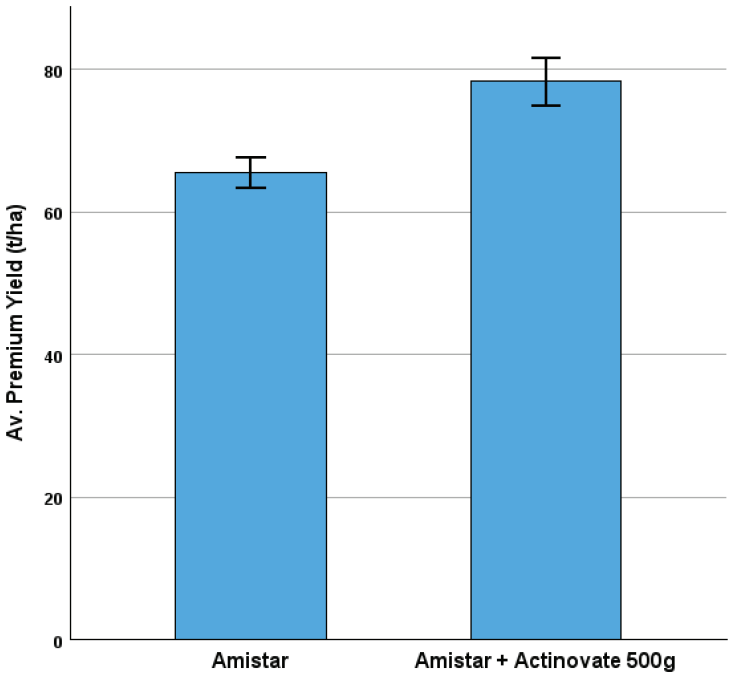
IMAGES AND GRAPHS



Error Bars: +/- 1 SE, *Diff +17.61%, p=.041, t(3) 2.57, 95%CI [1.5, 33.7]



Error Bars: +/- 1 SE, Diff 12.78 t/ha, Sig. at p=.042, t(3) 2.55, 95%CI [0.98, 24.56]

Caption: Left: Amistar + Actinovate (500g/ha) – Right: Amistar Only

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