

2019 Russet Burbank Potato Trial

Conducted by a third-party research organization

* Only Black Label, Actagro, Freephos 24, and the check are mentioned for the sake of brevity. Treatments were run at suggested label rates. Freephos 24 was applied at 3 gallons per acre, Actagro and Black label were applied at 5 gallons per acre, and the check was untreated. 10-foot row digs were collected, and the result was as follows.



Total Yield

Freephos 24	Actagro	Black Label	Check
471 cwt per acre	414 cwt per acre	412 cwt per acre	391 cwt per acre

Marketable Yield

Freephos 24	Black Label	Check	Actagro
345 cwt per acre	312 cwt per acre	267 cwt per acre	262 cwt per acre

Financial Returns

The first financial was gross dollar return for a process contract.

Freephos 24	Black Label	Check	Actagro
\$2721 per acre	\$2490 per acre	\$2133 per acre	\$2022 per acre

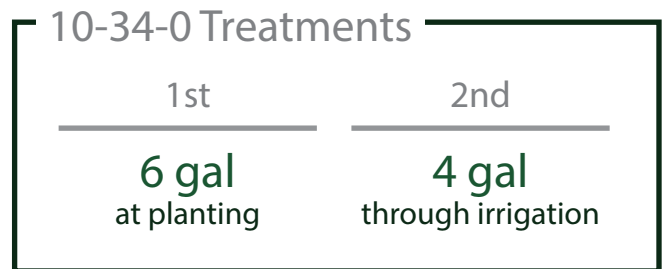
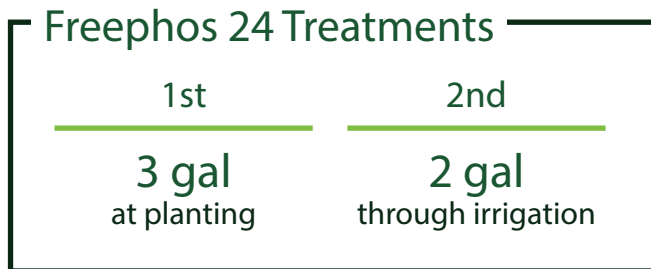
Fresh Pack Contract Per Acre Dollar Return

Freephos 24	Black Label	Check	Actagro
\$2144 per acre	\$1980 per acre	\$1517 per acre	\$1200 per acre

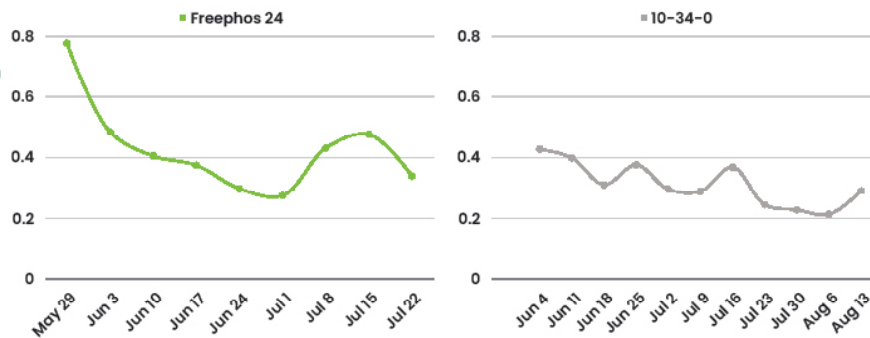


HARNESS THE POWER OF FREEPHOS 24.
Propel your fertilizer business to new heights.

Clearwater Potatoes Tissue Sample

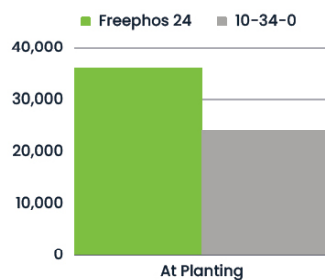


Phosphorus Tissue Sample

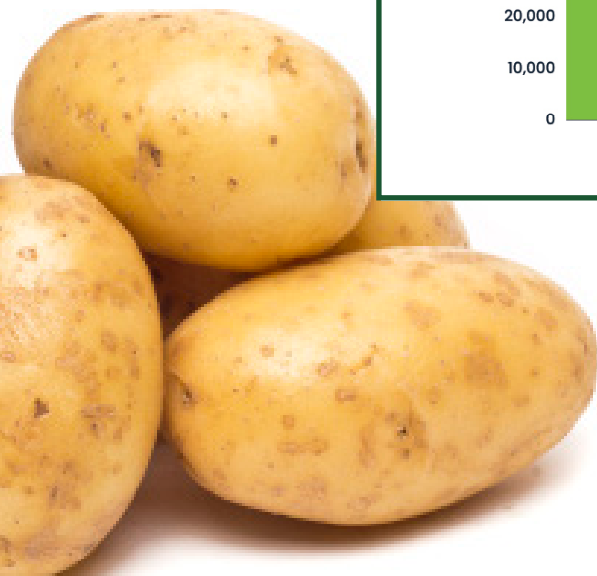


Initial P levels were 83% higher and stayed higher throughout treatment in the Freephos 24 plot than in the 10-34-0 treatment.

Nitrate-Nitrogen Tissue Sample



Nitrate nitrogen levels were higher in the Freephos 24 trial with a ppm measure of 36,000 compared to 24,000 in the 10-34-0 plot.



Freephos 24 can more efficiently apply and deliver phosphorus and nitrogen to a plant than 4 times the application rate of 10-34-0.

On-farm Grower Research Trials

2
Growers

Idaho & Montana
Location



Idaho In Furrow Trial

Both treatments combined the grower's standard practice with the trial products applied at planting.

Actagro

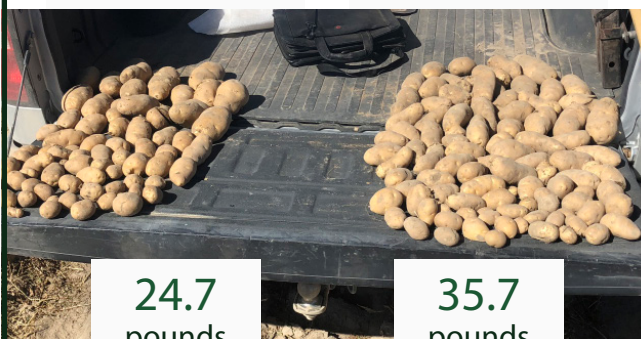
2 gal
per acre
+GSP

10 ft
dig

Freephos 24

2 gal
per acre
+GSP

10 ft
dig

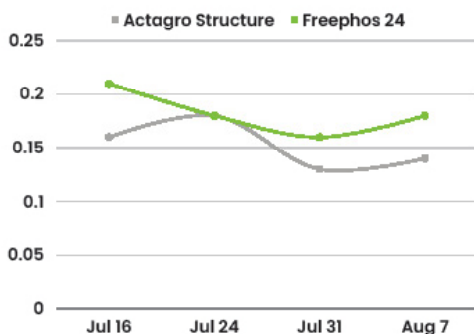


24.7
pounds

35.7
pounds

The Freephos 24 yielded 44% more by weight and delivers phosphorus to the plant more efficiently.

Phosphate Tissues



Montana Seed Trial

In this Montana on-farm trial, the grower used three treatments with a 2x2 application method.

Freephos 24

6 gal
per acre

10 ft
dig

Freephos 24

3 gal
per acre

10 ft
dig

10-34-0

20 gal
per acre

10 ft
dig



45
pounds

39
pounds

35
pounds



DO MORE WITH LESS.
What could Freephos 24
do for your operation?



What could these results mean for your Farm?

Take advantage of the growth opportunities from Freephos 24 and propel your yield to new heights. Contact your regional sales representative today!

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503-798-3574

PNW

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CHAD CALHOUN

319-931-2054

Midwest

