

2023 Silage Corn Trial in California Free Phos 24 v. Pro-Germinator

This 20-acre field was planted on May 20th. The entire field received 60 gallons of UN32 side dressed. 10 acres received 5 gallons of Pro-Germinator; the other 10 received 3 gallons of Free Phos 24. The grower harvested on September 15th and each load was weighed to confirm trial results.

The grower reported that the Pro-Germinator acres yielded 28.97 tons of silage per acre. The Free Phos 24 acres yielded 31.3 tons per acre. The grower received a price of \$55 per ton of silage.

The Pro-Germinator plot resulted in a gross profit per acre of \$1,593.95, and the Free Phos 24 plot resulted in a gross profit per acre of \$1,721.50. The total gross return over 10 acres for Pro-Germinator was \$15,939.50, not including treatment cost. The total gross return over 10 acres for Free Phos 24 was \$17,215.00, not including treatment costs. **Free Phos 24 resulted in a gain of \$1,275.50 over 10 acres.**

TRIAL DETAILS

Crop: Corn-Silage
Location: Newman, California
Plant Date: 5/20/2023
Harvest Date: 9/15/2023
Tillage: Conventional
Variety: LG7531

CHECK

60 gal/acre - UN32 (side dressed)
5 gal/acre - Pro Germinator

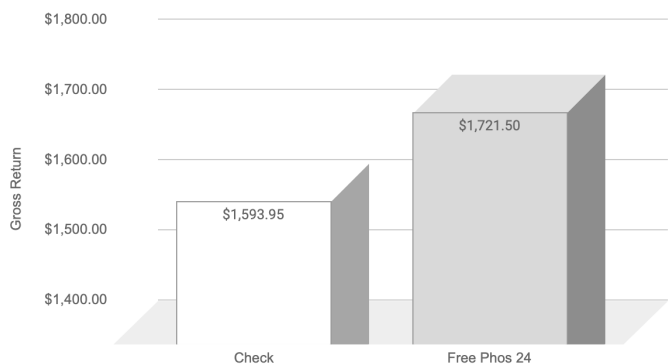
TREATED

60 gal/acre - UN32 (side dressed)
3 gal/acre - Free Phos 24

FREE PHOS²⁴



Gross Return Check v. Free Phos 24



AVERAGE YIELD

Check Average Yield: 28.97 tons/acre
Free Phos 24 Yield: 31.3 tons/acre

GROSS RETURN

Silage Price: \$55/ton
Check Gross Return: \$1,593.95/acre
Free Phos 24 Gross Return: \$1,721.50/acre