



MILK THE OPPORTUNITY TO BOOST FARM PROFIT

A SIMPLE SWAP WITH PROVEN PROFITABILITY

A **recent study** on the economic analysis of high oleic soybeans in dairy rations found that if you aren't diversifying your feed rations, you're missing out on more than you might think.



Swapping 5% of ration dry matter with high oleic soybeans **increases milk income (less feed cost) by up to \$0.27 per cow per day.**

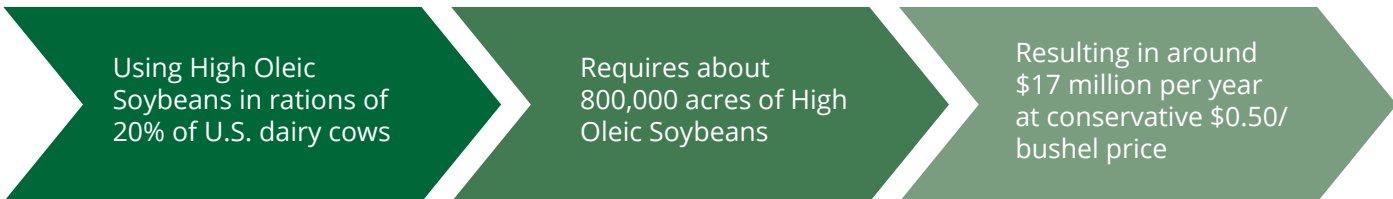
MOVING YOUR BOTTOM LINE

With an increase in average milk value like that, it's no surprise the dairy industry is paying close attention. And you should be too.

Increases in Farm Profitability through Use of High Oleic Soybeans in Dairy Rations

- **\$32,616 per year** for a dairy feeding **500 milking cows**
- **\$65,232 per year** for a dairy feeding **1,000 milking cows**
- **\$130,465 per year** for a dairy feeding **2,000 milking cows**
- **\$652,323 per year** for a dairy feeding **10,000 milking cows**

Now more than ever, dairy farms are looking to growers for high oleic soybeans. It's a simple swap that results in a big ROI. How big? **The same recent study** demonstrated the dairy demand and potential grower return.



Nicholson, C. F., Stephenson, M. W., Armentano, L., & Harvatine, K. (2024, January 10). Economic Analysis of High-Oleic Soybeans in Dairy Rations. Journal of Dairy Science. [journalofdairyscience.org/article/S0022-0302\(24\)00002-X/fulltext](https://journalofdairyscience.org/article/S0022-0302(24)00002-X/fulltext)



HEALTHIER FEED, HAPPIER COWS, HIGHER MILK FAT YIELD

A SIMPLE SWAP WITH NUTRITIONAL PERKS

The same study on the economic analysis of high oleic soybeans in dairy rations also found that substituting high oleic soybeans for conventional soybeans results in increased milk fat production.

Swapping to high oleic soybeans increases milk fat yield an average of 65g/cow/day or about 6%.

SEE THE DIFFERENCE

High oleic soybeans have a comparable oil and protein content to commodity and produce meals with the same protein and amino acid composition. Ground, roasted or whole soybeans, extruded meals and full-fat meals from high oleic soybeans have key distinctions that make high oleic a top choice for use in dairy rations.

High Oleic Soybeans	Conventional Soybeans
<10% polyunsaturated fatty acids.	About 60% polyunsaturated fatty acids.
Limits milk fat depression.	There's a limit to the amount of soy used in dairy rations to avoid disrupting normal rumen function and production of bioactive fatty acids.

TAKING A CHURN FOR THE BETTER

Higher milk fat? Better butter. Better price. The study also found that the level of increase in Milk Fat Less Feed Cost is highly correlated with the price of butter. This correlation was positive for all values observed during January 2014 to September 2020 (a period of considerable variation).

Nicholson et al.: Economic Analysis of High-Oleic Soybeans



Differences in Milk Income Less Feed Cost (MILFC) with Substitution of 5% High-Oleic Soybeans, January 2014 to September 2020, Assumed Fat Increase of 50 g cow/ day.

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- ✓ Seed partners in your region
- ✓ Dairy feeding studies



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