



FORTAVIA™
HIGH OLEIC SOYBEANS

QUALITY TRAITS THAT SET THE PERFORMANCE STANDARD IN DAIRY.

Qualifying Varieties for **Premium Non-GMO and Organic Markets**
Herbicide Tolerant (E3) Varieties Coming Soon!

Feed With Confidence

Confluence Genetics' FortaVIA™ High Oleic soybean varieties meet the needs of the dairy industry. By incorporating FortaVIA™ soybeans into dairy cow rations, producers can deliver a performance feed that increases milk fat production while reducing costs.

Better Beans

Confluence Genetics offers a portfolio of FortaVIA™ high-oleic, low-linoleic, and low-linolenic soybean varieties, with options that also deliver higher protein levels and more simple sugars. Upcoming herbicide-tolerant FortaVIA™ varieties will further enhance on-farm flexibility without compromising oil quality.

APPROXIMATE BEAN ATTRIBUTES		CONVENTIONAL	PIONEER® PLENISH®	FORTAVIA™ HIGH OLEIC SOYBEANS
COMPOSITION (% of dry-basis)	Protein	39% ¹	40% ²	42%
	Oil	23% ¹	21% ²	21%
FATTY ACID PROFILE (% of total oil)	Oleic acid	22% ³	>72% ²	>75%
	Linoleic acid	55% ³	<10% ²	<10%
	Linolenic acid	8% ³	2.5% ²	<3%
SUGARS (% of dry-basis)	Oligosaccharides (Complex)	6% ¹		<1%
	Sucrose (Simple)	5% ¹		8%

Better Outcomes

Confluence Genetics' High Oleic FortaVIA™ soybeans create more value for dairy farmers compared to conventional soybeans.



FortaVIA™ increases the value of soybean meal when compared to the value of conventional soybean meal per short ton.

- ✓ Feeding full-fat ground high oleic soybeans to dairy cattle has been shown to increase milk fat levels by an average of **6%** compared to conventional soybeans.²
- ✓ By substituting **5%** of dairy ration dry matter with high oleic soybeans (ground or roasted), producers can increase milk income by up to \$0.27 per cow per day.⁴
- ✓ Dairy cows fed FortaVIA™ High Oleic soybean oil have significant increase in body condition score.⁵

FortaVIA™ soybean varieties

Confluence FortaVIA™ soybeans are part of our commitment to unlocking nature's genetic diversity in soy quality traits to meet the demand for **Better Feed, Better Food, and Better Fuel.**

	FORTAVIA	MATURITY	YIELD % OF ELITE CHECK ⁶	PROTEIN % DRY BASIS	OIL % DRY BASIS
nGMO	38F052	3.8	94%	41-42%	21-22%
nGMO	37F051	3.7	94%	41-42%	21-22%
nGMO	23F228	2.3	99%	40-41%	21-22%
nGMO	X28F542	2.8	105%	40-41%	21-22%
nGMO	X29F003	2.9	98%	41-42%	21-22%
nGMO	X36F039	3.6	103%	42-43%	21-22%
nGMO	X38F038	3.8	98%	41-42%	21-22%
GMO	39F093E	3.9	95%	41-42%	22-23%

1. United States Soybean Quality Annual Report 2024, Univ. of MN
(<https://drive.google.com/file/d/1O6fFSOcUcIKuHhvvXAXB25SBYOm6wd2/view>)

2. Weld and Armentano, 2018, J. Dairy Sci 101:9768-9776
(<https://doi.org/10.3168/jds.2018-14498>)

3. Plenish® High Oleic Soybeans for On-farm Feeding, 2024
(<https://www.pioneer.com/us/agronomy/plenish-soybeans-on-farm-feeding.html>)

4. Nicholson et al, 2024, J. Dairy Sci 107:3642-3650
(<https://doi.org/10.3168/jds.2023-23738>)

5. Hanno et al, 2024, JDS Commun 5:287-292
(<https://doi.org/10.3168/jdsc.2023-0411>)

6. Checks include comparable relative maturities from other non-GMO and GMO national brands.

Note: Varieties with X denote potential future variety and are not currently for sale.

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Let's Work Together!

For more information on Confluence Genetics poultry feed, email **seed@confluence.ag** call **314.594.7624** or visit **<https://confluence.ag/poultry-feed/>**