



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/1O6fFSOcuCtIKuHhwvXAXB25SBYOm6wd2/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/dairy/>