



Profit from Genetic Progress.



GENEadvance® FAQs

What is GENEadvance?

GENEadvance is an enhanced genetic service for progressive dairy farmers who want to accelerate genetic improvement and deliver better future herd performance. The GENEadvance expertise, genomic technology, and market-leading products deliver a personalized genetic plan to capitalize on future genetic investment.

To put it simply, GENEadvance provides:

- Guidance on genetic goals and strategy
- Customized genetic plan
- Monitoring and optimizing heifer creation
- Early access to world-leading genetics
- Genomic testing for informed decisions
- Maximization of Sexcel and Beef InFocus strategies
- Genetic reviews to monitor progress
- Bundling of additional products and services
- Digital tools for efficient genomic sampling and data analysis
- Differentiated billing options

For more information, check out the GENEadvance [brochure](#) or [info sheet](#).

Which results are included in the ABS custom index evaluation (calculated from genomic tests)?

- Custom Index Value
- Beta and Kappa Casein
- Polled
- Haplotypes
- BVD (additional \$4 charge per test)

What is the turnaround time for the genomic tests?

The turnaround time for genomic tests is 4-6 weeks.

Can I get individual trait predictions?

Yes, individual traits predictions are available on the ABS genomic portal. Traits that are available are all the traits on ABS Bull Search except CDN MS and CDN TMP.

How is “per cow per month” calculated?

GENEadvance is priced on a “per cow per month” model. The price is calculated by adding the total number of units by semen product type (i.e. beef, sexed, conventional) for a year, the total number of genomic tests needed for a year, any onboarding genomic tests, and added products and services. Then that number is divided by the number of cows on your farm both milking and dry and then divided by 12 months.



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What are “onboarding genomic tests?”

Onboarding tests are genomic tests of any animals you want to sample that are already born on the farm prior to the start of the GENEadvance contract. GENEadvance herds are not expected to pay for all the onboarding genomic tests upfront; the cost will be diluted over the length of the contract.

How many animals (and which ones) should the producer test at onboarding?

This is completely customizable based on how many females they want to sample first. Most herds sample heifers 10 months and younger, which gives ample time to get results back before making a breeding decision. Again, GENEadvance herds are not expected to pay for all the onboarding genomic tests upfront; the cost will be diluted over the length of the contract.

What happens if a producer changes their genetic plan?

As their genetic advisors, we are happy to sit down to understand the new direction and adapt their custom index or GENEadvance program to reflect that change.

At what age should animals be genomic tested?

Animals can be genomic tested at any age, but it is important to have the results back before making a breeding decision. Most producers collect a sample at birth, when they are weaned, or at the time of early vaccinations to allow time to get the results back well before making a breeding decision.

What is the ABS Health Index (AHI)?

For herds interested in putting an emphasis on health and wellness traits in their custom index, [ABS Health Index \(AHI\)](#) is an economically weighted composite index made up of eight key health traits.

These eight traits include:

1. Twinning
2. Mastitis
3. Heifer Survival
4. Metritis
5. Ketosis
6. Displaced Abomasum
7. Retained Placenta
8. Milk Fever

Are the genomic evaluation results updated throughout the animal's lifetime?

ABS genomic evaluation results are updated at every sire summary to allow for the most accurate evaluations when compared to the current dairy population.

What breeds can be tested with ABS evaluations?

Holsteins and Jerseys for ABS Evaluations and other breeds evaluations are available via CDCB Evaluations.

Does a herd have to utilize genomic tests to be part of GENEadvance?



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No, a herd does not have to currently utilize genomic testing to be considered a GENEadvance herd. A herd just needs to check these boxes:

- Commit to an exclusive, multiyear contract
- Open to outcome-based pricing (i.e., per cow per month, per female per month, per pregnancy, etc....)
- Willing to create a custom index and genetic plan with ABS

Who is going to oversee the physical sampling for genomic tests?

The farm is responsible for the day-to-day genomic sampling. ABS has an app that allows for a simple process of data recording. There are no spreadsheets or paperwork.

Can ABS utilize past genomic evaluation results that the farm already has?

Data from animals tested prior to joining GENEadvance can be utilized in our mating systems called GMS to create a custom index for breeding decisions.

How many cows are currently on GENEadvance?

As of April 2024, in the US and Canada, there are 68 herds participating in GENEadvance in the US and Canada, totaling over 140,000 cows.