



Igenity[®]

Select

Product Summary

Igenity[®] Select provides dairy producers with valuable genetic insights into their herd. Each animal tested will receive a comprehensive genomic profile calculated via the Council on Dairy Cattle Breeding (CDCB) official evaluation pipeline.

Benefits

- Streamlined product offering insight into an animal's genetic merit for over 50 production, health, longevity, fertility, and confirmation traits*. Summarized into five indexes.
- Industry-leading turnaround time allowing producers to make selection decisions early in life.
- Increased rate of genetic gain by making accurate selection and breeding decisions.
- Monthly results updates so each animal has the most current information at each stage of decision-making.
- Ability to effectively manage inbreeding through parentage discovery
- Detection of carriers for harmful recessive traits allowing for mating strategies to prevent affected offspring.

Breeds Supported

- Holstein
- Jersey
- Ayrshire
- Brown Swiss
- Guernsey
- Crossbreds

Turnaround Time

- Three to four weeks
- 17 day guarantee available for qualifying orders

Add-on Content

- A2 Beta Casein
- Causative results for horned/polled, brachyspina, and complex vertebral malformation
- BVD testing

Information Required for Submission

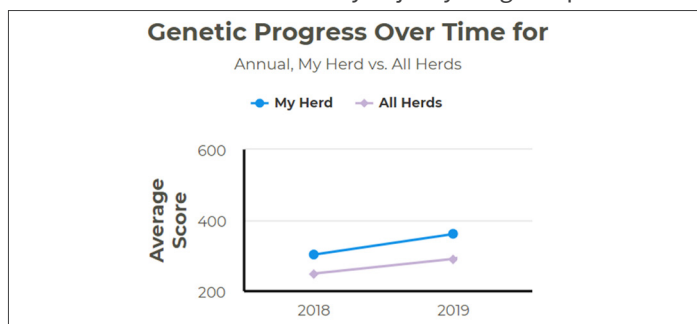
- Animal ID
- Unique ID (e.g., registration number or RFID)
- Sex
- Breed
- Birthdate
- Multiple birth status (single, twin, ET)

*Traits availability is based on breed



Encompass

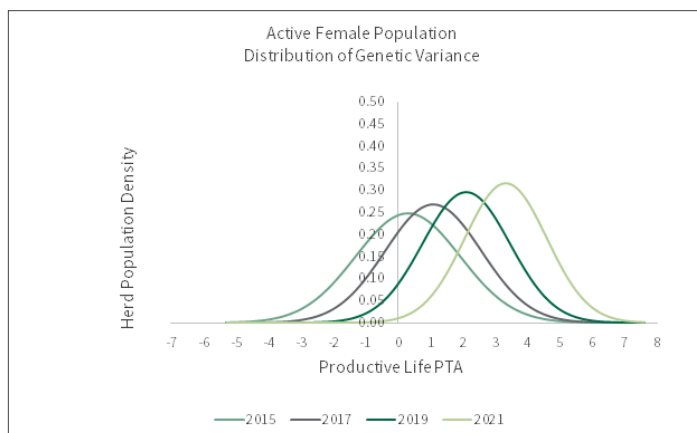
- Easily make selection and breeding decisions with the sorting tool.
- Clearly understand the genetic makeup of your herd with the distribution tool.
- Monitor trends and effectively adjust your game plan with the progress tool.



Productive Life (PL) Distribution

What is PL?

PL predicts the time that female offspring are expected to remain in the milking herd before removal by culling or death; expressed as difference in months of productivity compared to the breed base average.



Adopted from a case study, a commercial dairy herd utilizing Igenity Select observes generational improvement in PL. Year-over-year females expressed a greater genetic potential to remain in the milking herd longer and the entire herd became more uniform. With intentional selection on traits such as reproduction and health, the increase in productive life reduces forced culling of older cows and allows for greater flexibility to strategically manage heifer replacements.

Igenity Select — PL PTA (Months)				
Year	2015	2017	2019	2021
Mean	0.30	1.08	2.10	3.32
Standard Deviation	1.61	1.48	1.35	1.26

Contact Neogen® for more information at genomicsinfo@neogen.com or at 877.443.6489.

neogen.com