



FEATURES AND BENEFITS

FEATURE	BENEFITS
Immunity Index and Immunity+ brand on Bulls Optimized for Maximum Disease Reduction	<ul style="list-style-type: none"> - Immunity Index is an optimized index for disease reduction that combines adaptive immune responses, nitric oxide, and publicly available North American disease traits. - Broad-based selection for overall disease reduction across most bacterial, viral, and mycobacterial diseases. - Immunity+ bulls have daughters with 29% less overall disease compared to herdmates including 26% less Mastitis, 31% less Lameness, 25% less Retained Placenta, 42% less Ketosis, 15% less Displaced Abomasum, 6% less Metritis. - Allows for optimal sire selection to improve animal health.
Immunity Index for Elevate Genomic Tested Holstein Females Optimized for Maximum Disease Reduction	<ul style="list-style-type: none"> - High Immunity females (≥ 105) have 33% less overall disease compared to herdmates including 43% less Mastitis, 41% less Lameness, 25% less Retained Placenta, 33% less Ketosis, 38% less Displaced Abomasum, and 9% less Metritis. - Allows for better management and improved breeding strategies for health and overall merit.
Calf Immunity Index on Bulls and Elevate Females Optimized for Maximum Calf Disease Reduction	<ul style="list-style-type: none"> - Calf health index is optimized to reduce pneumonia, scours and diarrhea in calves. - Healthier calves grow better and set the foundation for healthier, more reproductive and productive dairy cows. - High Calf Immunity bulls (≥ 105) have daughters with 32% less overall calf disease compared to herdmates including 33% less Pneumonia, and 31% less Diarrhea.
Improved Colostrum Quality	<ul style="list-style-type: none"> - High immunity females have been shown to produce higher quality colostrum with more antibodies, total immunoglobulin, and beta lactoglobulin. - Healthier calves in the first 60 days of life. - Better calf growth and development.
Better Response to Vaccines	<ul style="list-style-type: none"> - Only 4% of high immunity females have a low response to commercial vaccines compared to 20% in the population. - Peace of mind that vaccines are being put to good use, and animals will have stronger responses leading to less disease in the future.
Higher Fertility	<ul style="list-style-type: none"> - High immune females are healthier which translates to increased conception rates compared to their herdmates.
Immunity trait includes components for Innate Immunity (via Nitric Oxide) and Adaptive Immune Responses	<ul style="list-style-type: none"> - Strengthens the entire immune system, leading to greater gains for health. - Allows for more genetic variance to be harnessed for longer term genetic improvement.
High Heritability	<ul style="list-style-type: none"> - Immunity indexes will transmit to their progeny and will make an impact on the health outcomes of the next generation.



THE WORLD'S BEST HEALTH INDEX

