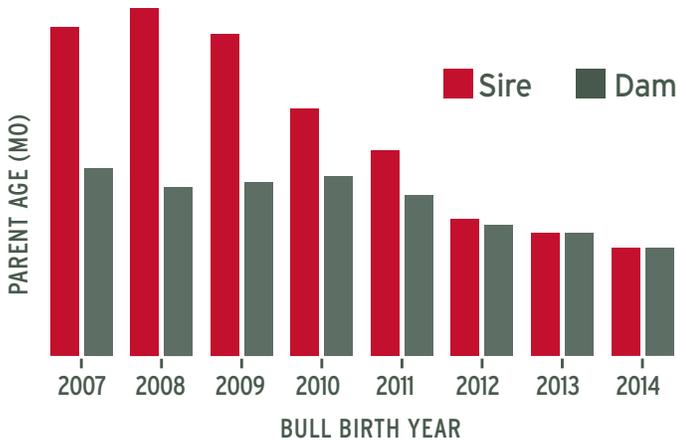


## GENERATION INTERVALS REDUCED



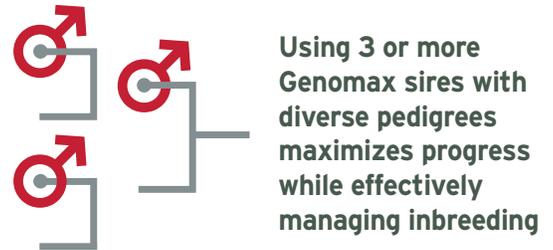
Parent Ages of Marketed Bulls. Source: Paul VanRaden, USDA, 2016

## DOUBLE THE GAIN

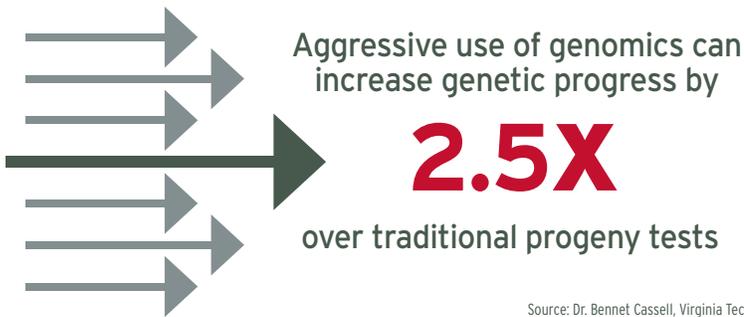


Source: Canada Dairy Network

## GUIDING PRINCIPLES

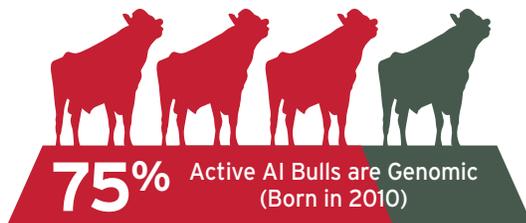


## RAPID GENETIC PROGRESS



Source: Dr. Bennet Cassell, Virginia Tech

## MAJORITY OF ACTIVE AI SIRES ARE GENOMIC



Presented by John B. Cole, USDA, October 2016

## TOP 200 TPI® GENOMIC YOUNG BULLS APRIL 2019

Semen Status is GENOMIC with no daughters in their proofs for Production or Type.

