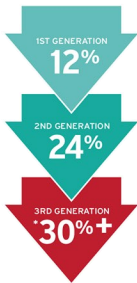




LESS DISEASE

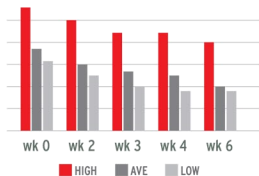
Over **30%** disease reduction over three generations



*High immune response daughters 30% less disease their average or low responding herdmates.
Dr. Steven Larmer et al, 2018.

HIGHER QUALITY COLOSTRUM

Through first 6 weeks of lactation



Immunity+ Daughters Have Higher Quality Colostrum

High immune cows have significantly more total immunoglobulin and betalactoglobulin in colostrum

Fleming et al 2014

CRUSH DISEASE

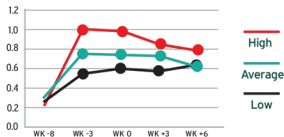
Broad-based defense against most viral and bacterial pathogens naturally.



*METRITIS
RETAINED PLACENTA
PNEUMONIA
JOHNE'S DISEASE
MASTITIS
DIGITAL DERMATITIS*

BETTER VACCINE RESPONSE

High immune cows respond better to commercial vaccines.



Wegler & Mallard et al. 2000 JDS 83:488

HIGHLY HERITABLE



Production Traits 25-35%
Conformation Traits 15-40%
Immune Response 30%
Longevity 8-10%
Calving Ease Traits 6-7%
Daughter Fertility 4-7%
Disease Incidence 2-10%



Disease Resistant Genetics