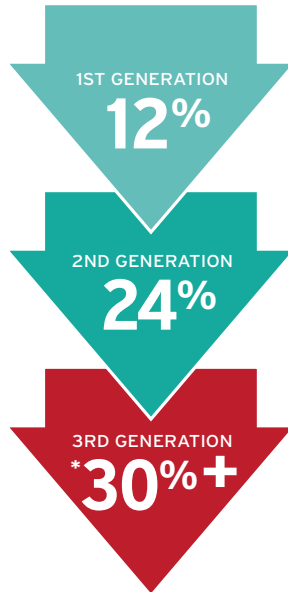




LESS DISEASE

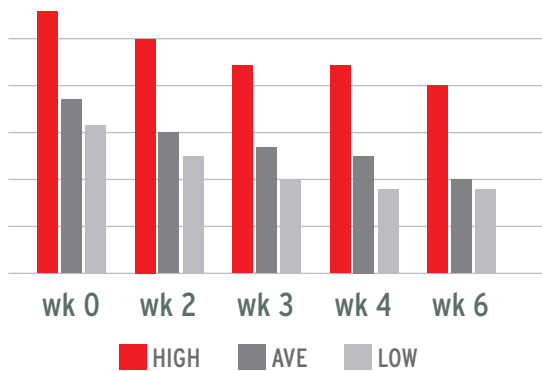
Over **30%** disease reduction over three generations



*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



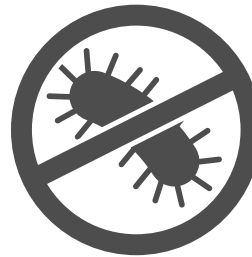
Immunity+ Daughters Have Higher Quality Colostrum

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

Fleming et al 2014.

CRUSH DISEASE

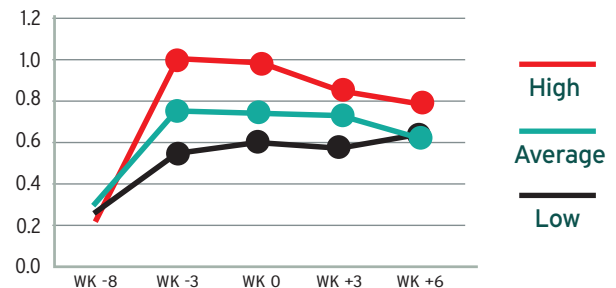
Broad-based defense against most viral and bacterial pathogens naturally.



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

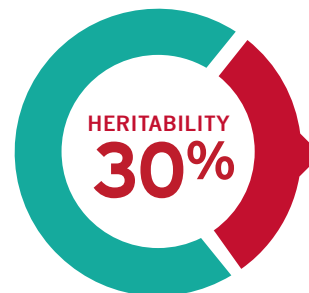
BETTER VACCINE RESPONSE

High immune cows repond better to commercial vaccines.



Wagter & 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