

Health

Productive life measures the ability of a cow to resist culling for any reason.

Productive Life (PL) only gives credit for the first 10 months of each lactation (305 days) hence rewarding cows who calve regularly and spend more time in peak production. The average PL is 29 months (approx. 3 lact). A PL of 1.0 means the daughters of the bull average one additional month of productive life compared to breed average. PL is highly correlated to DPR (+0.64) and SCS (-0.45).

Somatic Cell Score (SCS) measures a bull's milking daughter's somatic cell count. The USA average is 3.00, with lower values indicating lower SCC, therefore a lower score is desirable.

Genetically, do all cows have the ability to last in today's herds and not get mastitis and other diseases?

The example below from an 800 cow genomically tested herd shows the actual performance of cows when divided into quartiles based on genomic PL & SCS.

Group	PL Ave.	Fresh	Abort	DNB	Sold	Died	Mastitis
High PL	6.8	116	5	2	0	0	7
Low PL	2.5	164	44	53	144	13	74

Group	SCS	Count	SCC	Mastitis
Lowest SCS	2.72	219	128	24
Highest SCS	2.96	205	217	53

The best cows in this herd averaged 6.8 PL and 2.72 SCS. Cows in the 6.8 PL group:

Had 90% fewer cases of clinical mastitis.

Had fewer abortions and only two cows were identified as DNB (Do Not Breed).

All cows completed their lactation, compared to only 7 of 164 cows in the low PL group.

Cows in the 2.72 SCS group:

Had a SCC of 89 points lower than the high SCS group.

Had 55% fewer clinical mastitis cases than the high SCS group.

Long lasting trouble free cows make more money!

No farmer today can afford free loaders.

Talk to your WWS Representative about ways to improve the health and longevity of your herd.

CODE	NAME	PL
507HO12993	HUMBLINKIND	+8.20
7HO13551	AMAZING	+7.30
507HO13598	PINNACLE	+7.20
507HO13907	JARED	+7.20
14HO07878	FASTBREAK	+7.20
7HO11395	MYSTIC	+7.10

04-18 CDCB-Genomic data



Amazing Dam: S-SI Mont
8679 10726-ET, GP 83

Humblenkind Dam:
Cookiecutter Epic Hazel-ET, EX 91

Pinnacle MGD:
S-SI Suprsire Miri
8679-ET, VG 89



WORLD WIDE SIRES

PO Box 7538 • Shepparton • 3632 Victoria
Phone (03) 5831 5559 • Fax (03) 5822 0005
info@wvsaustralia.com • www.wvwsires.com



WWS

BY DESIGN...NOT CHANCE