

Sire Conception Rate

Sire Conception Rate (SCR) measures the fertility of the bull. Independently analysed by CDCB for all companies, using actual on farm data for pregnancy testing and calving records.

An SCR of +1.0 indicates a 1% increase in conception rate when compared to the average sire. Many factors effect a cow falling pregnant, some factors are harder to control than others, but semen selection considering SCR is an easy choice. The average first service conception rate in Australia is 41%.

Do all bulls have the same likelihood of getting cows pregnant?

The example below shows the actual performance of the highest and lowest bulls ranked by SCR in a 1100 cow dairy. Each point of SCR is expected to correspond to an increase in conception of 1%. This herd used a cross section of sires from the five main AI studs.

| Group | SCR Ave. | # Pregnancies | # Matings | Ave. Conception % |
|---------|----------|---------------|-----------|-------------------|
| Highest | 2.33% | 258 | 621 | 42% |
| Lowest | -2.75% | 237 | 647 | 37% |

The highest group of sires based on SCR created:

More pregnancies.

A 5% higher conception rate on over 1260 matings.

High fertility bulls make you money – with more pregnant cows!

No farmer today can afford low fertility semen.

Talk to your WWS Representative about ways to improve fertility and increase the number of pregnancies in your herd.

| CODE | NAME | SCR |
|------------|---------|------|
| 250HO12975 | PHARO | +3.1 |
| 14HO07858 | NICHE | +2.9 |
| 14HO07796 | GRIFF | +2.9 |
| 14HO07848 | ENHANCE | +2.7 |
| 250HO12961 | DOC | +2.7 |
| 250HO01131 | SALT | +2.7 |

04-18 CDCB-Genomic data



Doc MGD:
Ms Hovden Dolly-Rae-ET, EX 91

Pharo Dam:
Sandy-Valley B1
Paradise-ET,
VG 86

Niche and Enhance dam:
Miller-Ff Ssire Exotic-ET, VG 86



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BY DESIGN...NOT CHANCE