

## 2020 Estimated Progeny Equivalents

An estimated progeny equivalent is the average number of progeny records it would take to see an equivalent change in accuracy from a genomic test. For example, if a non-parent animal is genotyped, the accuracy of his/her EPD is akin to an animal that has already produced 5 offspring with a carcass weight record (see table below). Overtime, these estimates will change as statistical models are improved, the number of phenotypes increases, and the information from genomic data improves.

Trait	2020 Estimated Progeny Equivalents
Calving Ease (Direct)	25+
Calving Ease (Total Maternal)	4
Birth Weight	22
Weaning Weight	25+
Yearling Weight	25+
Milk	19
Stayability	15
Docility	25+
Carcass Weight	5
Marbling	8
Rib Eye Area	6
Back Fat	8