

PHENOTYPE AND GENOTYPE SHOW (PGS) SHOW RULES

The objective behind the Phenotype and Genotype Show (PGS) is to create another avenue for members (junior and adult) to show their heifers in an additional competition while providing an educational opportunity to learn about the value of Expected Progeny Differences (EPDs) as a part of the process in selecting seedstock. Animals entered in the PGS will be evaluated by a judge under a system that requires both genotypes and phenotypes to be considered. The results will be a composite score where the genotype (EPDs) placing, and phenotype placings will be equally weighted at fifty percent.

Overview:

The PGS judge will receive judge's cards split in classes that include entry number, birthdate, and EPDs (CED, BW, WW, YW, Milk, Marb, REA) along with a percentile breakdown. For the PGS, the same judge will evaluate the EPDs and the phenotype classes. He/she will place the class based on his/her preferences. Results will be turned into the show staff to compile prior to the show. The show will be run similar to other shows where the judge will evaluate the class in the same manner as a regular phenotype show. The judge will receive a judge's card with birthdates only for phenotype classes. The phenotype placings will be recorded and compiled with the genotype placings. The composite score will be made up of 50% genotype placing and 50% phenotype placings. In the event of a tie, the tie will be broke based on the phenotype placings. The judge will then receive a judge's card with the composite placing and respective EPDs to talk the class. During divisions and the grand drive, the judge will receive judge's cards.

We encourage exhibitors to genomically test their entries and have DNA on file, but we will not be enforcing this section of the rules for the first year of the PGS at the Western National Red Angus Show.

Show Categories:

1. Only females are allowed to enter with no specification on bred-and-owned versus owned. Champions will be selected in each division. Grand and Reserve Champion PGS Females will be awarded.
2. The show will be open to all exhibitors, junior and adult.
3. Classes will be made up after cattle have been checked-in at the show with no more than 10 head in any class and on a logical age break, not necessarily following formal age break