

# Inaugural event for 2025

Colorado Simmental Association will hold a new Simmental Division in the 2025 National Western Stock Show's Simmental bull pen show.



The new division, called **Phenotype & Genotype (P&G)** will be in ADDITION to the standard Purebred and Percentage Simmental pen shows at the National Western Stock Show. Here are the details:

## **Phenotype & Genotype Pen of 3 Purebred Bulls Division**

The objective of adding the Phenotype & Genotype Pen Show (P&G) would be to create another avenue for exhibitors at the National Western Stock Show Simmental Pen Show. With the increased use of Expected Progeny Differences (EPD)s by cattlemen, this new division would provide an educational opportunity to highlight and learn about the value of EPDs as well as the Economic Selection Indexes (\$Values) as a part of the Seedstock selection process.

Animals entered in the P&G will be evaluated by a separate division judge & associate judge under a system that combines assessment of the bulls' genotypes (EPDs & \$Values) and phenotypes equally weighted at 50 percent.

### **Rules**

1. Bulls must be registered Purebred Simmental bulls.
2. Animals entered in P&G must have been genomically tested with a DNA sample on file with Igenity Neogen. GE-EPDs are required at the time of NWSS yards check-in.
3. Any animals with interim EPDs or EPDs not enhanced with genomic results at time of check-in will not be allowed to show in the P&G Show.
4. Bulls exhibited in the new P&G division may be entered for P&G only, or the bulls may be an alternate bull or also be shown in the standard Simmental pen show (either Pen of 3 or Pen of 5).
5. As with NWSS rules, the exhibitor must be the breeder of the animal. All other NWSS and Simmental pen rules apply. See the premium book rules for further details.

### **Judging**

1. EPDs will be printed for the individual animals as well as the average for their group in the show program.
2. The P&G judges will receive judge's cards split into classes that include entry number, birthdate, EPDs/\$Values and percentile rankings.
3. For the P&G classes, the judges will evaluate in two waves.
4. In wave 1, worth 50% of the points, judging will be completed ahead of the show. The judges will:
  - a. Evaluate EPDs/\$Values of CED, BW, WW, YW, Milk, MCE, Doc, Stay, Marb, REA, \$API, and \$TI.
  - b. Place each class based on their genotypic preferences.
  - c. Record their genotypic placings with show officials prior to the public "show day."

5. In wave 2, worth 50% of the points, judging will be conducted during the live show. The judges will:

- a. Evaluate each bull's phenotype.
- b. Place each live class based on their phenotypic preferences.
- c. Record their phenotypic placings with show officials.

6. Show officials will calculate and display on the public screen both the 50% genotype placings and the 50% phenotypic placings. The entry with the combined highest score will be the winner of the class.

P&G score card example:

|              | Genotypic points 50% | Phenotypic points 50% | Total points |
|--------------|----------------------|-----------------------|--------------|
| Pen entry 50 | 56                   | 75                    | 131          |
| Pen entry 51 | 65                   | 52                    | 117          |
| Pen entry 52 | 70                   | 33                    | 103          |

So, final placing in the class above is entries 50 is 1<sup>st</sup>; entry 51 is 2<sup>nd</sup>, & entry 52 is 3<sup>rd</sup>.

7. In the event of a tie of points, the tie will be broken based on the phenotype placings.

8. The judges will then receive a judge's card with the composite placings to talk the class.

9. The summary of points for each class will be given to the judges as they select the Grand Champion P&G Bull and Reserve Grand Champion P&G Bull in the division's championship drive.