

## PHENOTYPE AND GENOTYPE SHOW (PGS) SHOW RULES

The objective behind the Phenotype and Genotype Show (PGS) is to create another avenue for juniors 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:

Exhibitors can enter in the PGS online while entering for the ERJAS. However, to enter the PGS all animals must have been genomic tested prior to entry deadline. After check-in, 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, \$W, \$B) along with a percentile chart. 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 Association staff to compile prior to the show. The show will be run similar to other NJAA sponsored 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.

### 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. Entries will be listed in the catalog in order of age (youngest to oldest), and will be led into the showing in order of catalog number.
3. Classes will be made up after cattle have been checked-in at the show with no more than 15 head in any class and will follow the American Angus Association Classifications.
4. Division champions will be named in the female category as follows: senior calf, intermediate, junior yearling and senior yearling.
5. Show classifications for heifers: September 1, 2016 through December 31, 2017.

### Premiums & Awards:

1. Any questions regarding premiums or awards should be forwarded to the association office no later than six weeks after date of show.
2. Each entry shown shall receive a ribbon and premiums. Banners will be awarded to champions in each division and category.
3. Premiums will be paid according to the following schedules:

#### Females

1st-\$125; 2nd-\$115; 3rd-\$105; 4th-\$95; 5th-\$85; 6th-\$75; 7th-\$65; 8th through 15th-\$55.

### Miscellaneous:

Stall Assignments: All cattle at the Eastern Regional will be stalled by state in the barns and in the tie-outs. It is the responsibility of the state junior Angus association to coordinate the stalls for their state within the area assigned to them.

All individuals must be genomic tested prior to entry deadline in order to participate. Animals can be tested with any of the available platforms including Angus GS, i50k or HD50k.