**ANIMAL BREEDING-CASE STUDY-EPD’S**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Expected Progeny Difference (EPD):** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Accuracy:** The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that can be placed on the EPD. Accuracy of close to 1.0 indicates higher \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Birth Weight (BW):** Predictor of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to transmit birth weight to his progeny, compared to the progeny of an average bull for a specific breed; expressed in pounds.

**Weaning Weight (WW):** Predictor of a sire's ability to transmit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to his progeny, compared to the progeny of an average bull for a specific breed; expressed in pounds.

**Yearling Weight (YW):** Predictor of a sire's ability to transmit yearling weight, compared to the progeny of an average sire for a specific breed; expressed in \_\_\_\_\_\_\_\_\_\_\_.

**Milk:** Predictor of a sire's \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for that part of weaning weight attributed to milk and mothering ability. It is compared to daughters of an average bull for a specific breed.

**Scrotal Circumference:** Predictor of the difference in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for scrotal size, compared to the progeny of an average bull for a specific breed; expressed in centimeters.

**Herds:** Indicate the \_\_\_\_\_\_\_\_\_\_\_\_ of herds from which daughters are reported**.**

**Daus:** Reflects the\_\_\_\_\_\_\_\_\_\_\_\_\_ of daughters that have progeny weaning weight records.