

**FALL 2018 CHAROLAIS NATIONAL CATTLE EVALUATION
AMERICAN-INTERNATIONAL CHAROLAIS ASSOCIATION**

| ACTIVE SIRE EPD DISTRIBUTION | | | | | |
|-------------------------------------|----------|----------------|----------------|------------|------------|
| <u>Trait</u> | <u>N</u> | <u>Average</u> | <u>Std Dev</u> | <u>Min</u> | <u>Max</u> |
| BWT | 4,134 | 0.3 | 2.14 | -9.3 | 7.9 |
| WWT | 4,134 | 28.9 | 10.73 | -29 | 73 |
| YWT | 4,134 | 52.6 | 19.57 | -26 | 123 |
| MAT | 4,134 | 8.9 | 6.78 | -17 | 39 |
| TOT MAT | 4,134 | 23.4 | 8.47 | -8 | 52 |
| SC | 4,134 | 0.84 | 0.47 | -1.1 | 2.7 |
| CE | 4,096 | 5.1 | 4.87 | -30 | 19.8 |
| MCE | 4,096 | 5.5 | 3.94 | -19.7 | 16.3 |
| HCW | 5,173 | 14.0 | 10.65 | -40 | 60 |
| REA | 5,173 | 0.59 | 0.23 | -0.34 | 1.62 |
| FAT | 5,173 | 0.002 | 0.017 | -0.074 | 0.073 |
| MARB | 5,173 | 0.09 | 0.12 | -0.40 | 0.61 |
| TSI | 3,743 | 200.21 | 17.35 | 128.90 | 272.82 |

| ACTIVE DAM EPD DISTRIBUTION | | | | | |
|------------------------------------|----------|----------------|----------------|------------|------------|
| <u>Trait</u> | <u>N</u> | <u>Average</u> | <u>Std Dev</u> | <u>Min</u> | <u>Max</u> |
| BWT | 49,313 | 0.5 | 1.86 | -9.0 | 10.1 |
| WWT | 49,313 | 26.0 | 8.81 | -19 | 63 |
| YWT | 49,313 | 46.7 | 15.93 | -24 | 107 |
| MAT | 49,313 | 8.7 | 6.44 | -23 | 35 |
| TOT MAT | 49,313 | 21.7 | 7.91 | -14 | 52 |
| SC | 49,313 | 0.69 | 0.36 | -0.7 | 2.2 |
| CE | 48,785 | 4.5 | 4.43 | -33.6 | 19.8 |
| MCE | 48,785 | 5.5 | 4.14 | -25.9 | 18.6 |
| HCW | 44,471 | 15.8 | 7.56 | -18 | 51 |
| REA | 44,471 | 0.62 | 0.16 | -0.11 | 1.32 |
| FAT | 44,471 | 0.003 | 0.013 | -0.048 | 0.062 |
| MARB | 44,471 | 0.09 | 0.09 | -0.29 | 0.54 |
| TSI | 42,918 | 193.80 | 14.25 | 131.61 | 254.06 |

| NON PARENT EPD DISTRIBUTION | | | | | |
|------------------------------------|----------|----------------|----------------|------------|------------|
| <u>Trait</u> | <u>N</u> | <u>Average</u> | <u>Std Dev</u> | <u>Min</u> | <u>Max</u> |
| BWT | 64,752 | 0.3 | 1.99 | -9.7 | 10.3 |
| WWT | 64,752 | 28.9 | 9.04 | -14 | 72 |
| YWT | 64,752 | 52.9 | 16.17 | -21 | 122 |
| MAT | 64,752 | 9.1 | 5.34 | -13 | 31 |
| TOT MAT | 64,752 | 23.6 | 6.69 | -7 | 49 |
| SC | 64,752 | 0.84 | 0.36 | -0.7 | 2.6 |
| CE | 62,955 | 5.1 | 4.41 | -25.4 | 21.5 |
| MCE | 62,955 | 5.5 | 3.47 | -15.2 | 16.8 |
| HCW | 48,611 | 18.4 | 7.72 | -20 | 53 |
| REA | 48,611 | 0.66 | 0.16 | -0.15 | 1.60 |
| FAT | 48,611 | 0.006 | 0.014 | -0.039 | 0.075 |
| MARB | 48,611 | 0.11 | 0.09 | -0.23 | 0.59 |
| TSI | 58,251 | 200.08 | 14.22 | 135.25 | 268.94 |