

**2022 Cow Herd Appraisal Performance Software (CHAPS)  
BENCHMARKS**

<b>STANDARDIZED PERFORMANCE ANALYSIS (SPA)</b>	
Pregnancy (%)	<b>94.3</b>
Pregnancy Loss (%)	<b>0.77</b>
Calving (%)	<b>93.6</b>
Calf Death Loss – based on the number of cows exposed (%)	<b>3.2</b>
Weaning (%) – Calf Crop	<b>91.4</b>
Female Replacement Rate (%)	<b>16.3</b>
Calf Death Loss – based on the number of calves born (%)	<b>3.4</b>
Age at Weaning (days)	<b>188</b>
<b>Calving Distribution (%)</b>	
Calves born within 21 days	<b>63.5</b>
42 days	<b>88.8</b>
63 days	<b>96.6</b>
After 63 days	<b>3.4</b>
<b>Weaning Weight (pounds)</b>	
Steers	<b>588</b>
Heifers	<b>550</b>
Bulls	<b>607</b>
All Calves	<b>561</b>
Pounds Weaned per Cow Exposed	<b>505</b>
<b>CRITICAL SUCCESS FACTORS (CSF)</b>	
Average Daily Gain – ADG (pounds)	<b>2.6</b>
Weight per Day of Age – WDA (pounds)	<b>3.0</b>
Birth Weight (pounds)	<b>82</b>
Adjusted 205-day weight (pounds)	<b>645</b>
Frame Score	<b>5.4</b>
<b>Calving Distribution – Heifers (%)</b>	
Calves born early (before day zero = start of calving)	<b>43.5</b>
Within 21 days	<b>77.1</b>
Within 42 days	<b>91.6</b>
<b>Calving Distribution – Cows (%)</b>	
Calves born within 21 days	<b>60.6</b>
Within 42 days	<b>88.0</b>
Cow Age (years)	<b>5.6</b>
Cow Weight at Weaning (pounds)	<b>1430</b>
Cow Condition at Weaning	<b>6.0</b>
Culling (%)	<b>13.1</b>

The 2022 CHAPS benchmarks are calculated from data derived from 52,313 cows exposed to bulls from 2017 to 2021. CHAPS-selected herds had a minimum of 50 cows and three years of data submitted to the program; yearly averages were calculated from the selected herds. The 2022 benchmarks were calculated as an average of the previous five yearly values (2017, 2018, 2019, 2020 and 2021) for each reproduction or production trait.