



# QUALIFICATIONS

## General Sire Listing

To be included in the general sire listing of the Fall 2008 International Limousin Genetic Evaluation Manual for the U.S. and Canada, the following criteria are required:

1. sired at least one progeny born on or after January 1, 2005
2. possess birth weight and weaning weight EPDs with an accuracy of .50 or greater

Please note that as long as the above criteria are met, all other available EPDs are listed regardless of accuracy. Complete EPDs on other Limousin cattle such as older bulls, cows and young animals are available from NALF and the CLA.

## Proven Sire Trait Leaders

In order to be recognized as trait leaders, sires are required to achieve:

1. the requirements listed above for the general listing
2. an accuracy of .50 or higher for the trait in which leader status is designated except the mainstream terminal index, for which all component traits must have an accuracy of .50 or higher
3. rank in approximately the top 75 sires for the trait of interest except stayability, where sires must rank in about the top 25 (due to less data for this trait)

In order to be listed as a trait leader in a specific trait, sires must meet or exceed the following level of EPD for that trait:

<b>Calving Ease Direct</b>	≥ <b>14</b>
<b>Birth Weight</b>	≤ <b>-1.2</b>
<b>Weaning Weight</b>	≥ <b>57</b>
<b>Yearling Weight</b>	≥ <b>92</b>
<b>Milking Ability</b>	≥ <b>25</b>
<b>Calving Ease Maternal</b>	≥ <b>9</b>
<b>Scrotal Circumference</b>	≥ <b>.8</b>
<b>Stayability</b>	≥ <b>20</b>
<b>Docility</b>	≥ <b>22</b>
<b>Carcass Weight</b>	≥ <b>33</b>
<b>Ribeye Area</b>	≥ <b>.71</b>
<b>Yield Grade</b>	≤ <b>-.22</b>
<b>Marbling Score</b>	≥ <b>.03</b>
<b>Mainstream Terminal Index</b>	≥ <b>46</b>

Due to genetic trend, the requirements for proven sire trait leader designation are likely to change in future evaluations.

## Young Sire Trait Leaders

The listings for young sire prospects recognize the highest ranking yearling and two-year-old bulls in each trait which meet the following qualifications:

1. registered bulls born on or after July 1, 2005 (R, S or T birth code years)
2. non-embryo transplant (ET) produced bulls must have numeric accuracies for birth, weaning and yearling weight EPDs if born in 2005 or 2006 and for birth and weaning weight EPDs if born in 2007
3. bulls produced via ET must have birth, weaning and yearling weights on file if born in 2005 or 2006 and have birth and weaning weights if born in 2007 and their sire and dam or sire and maternal grandsire must have EPDs with



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numeric accuracy in order to compute pedigree based EPDs with “P” accuracy for these bulls

4. for both ET and non-ET produced bulls, scrotal circumference (SC) trait leaders are required to have SC measurements on file and, for non-ET produced bulls, be evaluated in valid yearling groups
5. for stayability, have a sire and dam or sire and maternal grandsire with stayability EPDs possessing numeric accuracy
6. for non-ET produced bulls, docility (DOC) trait leaders are required to have docility scores reported in qualifying weaning groups (as indicated by docility EPDs with numeric accuracy) and, for ET bulls, have docility scores on file and a sire and dam or sire and maternal grandsire with docility EPDs possessing numeric accuracy
7. rank in approximately the top 100 young sires for the trait of interest

In order to be listed as a trait leader in a specific trait, young sire prospects must meet or exceed the following level of EPD for that trait:

<b>Calving Ease Direct</b>	$\geq$	<b>20</b>
<b>Birth Weight</b>	$\leq$	<b>-3.8</b>
<b>Weaning Weight</b>	$\geq$	<b>63</b>
<b>Yearling Weight</b>	$\geq$	<b>114</b>
<b>Milking Ability</b>	$\geq$	<b>36</b>
<b>Calving Ease Maternal</b>	$\geq$	<b>12</b>
<b>Scrotal Circumference</b>	$\geq$	<b>1.3</b>
<b>Stayability</b>	$\geq$	<b>23</b>
<b>Docility</b>	$\geq$	<b>34</b>
<b>Carcass Weight</b>	$\geq$	<b>56</b>
<b>Ribeye Area</b>	$\geq$	<b>.95</b>
<b>Yield Grade</b>	$\leq$	<b>-.27</b>
<b>Marbling Score</b>	$\geq$	<b>.32</b>
<b>Mainstream Terminal Index</b>	$\geq$	<b>54</b>

Due to genetic trend, the requirements for young sire trait leader designation are likely to change in future evaluations.

## Focus Dams

The Focus Dam lists recognize elite females with complete production histories that meet stringent reproductive requirements and have superior ability to produce heavy calves at weaning. To be designated as a Focus Dam, cows must meet the following qualifications:

1. Produced three or more calves with weaning weights reported in contemporary groups.
2. Produced the last calf at or below the maximum age allowed, defined by age at first calving, average calving interval and the number of calves produced.
3. Have a Most Probable Producing Ability (MPPA) of 105 or greater. MPPA is expressed as a ratio and measures a cow's maternal ability to wean heavy calves relative to calves in the same weaning group.

Proven Focus Dams have produced at least six calves, while Prospect Focus Dams have produced three, four or five calves.