



Qualifications

General Sire Listing

To be included in the general sire listing of the Spring 2010 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, 2007
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:

Calving Ease Direct	≥ 14
Birth Weight	≤ -1.3
Weaning Weight	≥ 58
Yearling Weight	≥ 92
Milking Ability	≥ 25
Calving Ease Maternal	≥ 9
Scrotal Circumference	≥ .8
Stayability	≥ 21
Docility	≥ 24
Carcass Weight	≥ 31
Ribeye Area	≥ .72
Yield Grade	≤ -.21
Marbling Score	≥ .03
Mainstream Terminal Index	≥ 46

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, 2007 (T, U or W birth code years)
2. non-embryo transplant (ET) produced bulls must have numeric accuracies for birth, weaning and yearling weight EPDs if born in 2007 or 2008 and for birth and weaning weight EPDs if born in 2009
3. bulls produced via ET must have birth, weaning and yearling weights on file if born in 2007 or 2008 and have birth and weaning weights if born in 2009 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:

Calving Ease Direct	≥	22
Birth Weight	≤	-4.0
Weaning Weight	≥	68
Yearling Weight	≥	119
Milking Ability	≥	37
Calving Ease Maternal	≥	13
Scrotal Circumference	≥	1.2
Stayability	≥	22
Docility	≥	34
Carcass Weight	≥	55
Ribeye Area	≥	.89
Yield Grade	≤	-.24
Marbling Score	≥	.44
Mainstream Terminal Index	≥	60

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

Dam Trait Leaders

In order to be included in the dam trait leader lists, dams are required to meet the following qualifications:

1. active status (e.g., not listed as dead)
2. have a 2008, 2009 or 2010 born progeny
3. possess a minimum accuracy of .30 in order to qualify for the birth, weaning, yearling and milk trait leader lists and minimum accuracy of .25 for the calving ease direct and maternal, scrotal circumference, stayability and docility trait leader lists
4. rank in approximately the top 100 dams for the trait of interest except stayability, where dams 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, dams must meet or exceed the following level of EPD for that trait:

Calving Ease Direct	≥	21
Birth Weight	≤	-3.4
Weaning Weight	≥	63
Yearling Weight	≥	93
Milking Ability	≥	39
Calving Ease Maternal	≥	13
Scrotal Circumference	≥	.8
Stayability	≥	20
Docility	≥	33
Carcass Weight	≥	46
Ribeye Area	≥	.95
Yield Grade	≤	-.32
Marbling Score	≥	.41
Mainstream Terminal Index	≥	52

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