

Piedmontese Categories of Registration & Recordation

The North American Piedmontese Association offers the following divisions for documentation of breeding stock, based on the Piedmontese-specific myostatin gene and levels of blood purity.

- ONLY homozygous (2-copy) Piedmontese may be Registered.
- Heterozygous (1-copy) Piedmontese may be Recorded

FULLBLOOD PIEDMONTESE: (**registry** certificates issued)

Fullblood Piedmontese registration classification is strictly defined as an animal that is 100% pureblood traceable through registered pedigree to original Italian stock and documented as homozygous (2 copy) for the Piedmontese-specific myostatin allele mutation. In an effort to preserve the Fullblood gene-pool, animals registered in this category must have an un-broken pedigree chain of registered Fullblood ancestors back to documented Italian registered stock (No "up-graded purebred" registration format allowed).

NATURALEAN™ PIEDMONTESE: (**registry** certificates issued)

Naturalean™ Piedmontese registration classification is strictly defined as an animal that is documented as homozygous (2 copy) for the Piedmontese-specific myostatin allele mutation. Piedmontese bloodline percentage (example 25%, 50%, 75%, 99% etc) may be included on the pedigree, as well as the percentage of other breed bloodlines represented. Fullblood cattle that cannot meet the requirements for registered pedigree, unverifiable or unregistered parentage, must be classified as Naturalean™.

NATURALEAN™ Crossbreeding Record File: (**recordation** certificates issued)

NAPA recognizes the seedstock breeder's desire to introduce genetic influences into the Piedmontese from other breeds. The Naturalean™ category of registry allows breeders great flexibility in their programs, while ensuring that the primary genetic influence from the Piedmontese-specific myostatin allele mutation is not lost.

Seedstock Piedmontese breeders may crossbreed with other breeds to introduce other genetic features or traits, however only animals documented as homozygous (2 copy) for the Piedmontese-specific myostatin allele mutation may be registered.

Seedstock Piedmontese breeders may utilize animals in a crossbreeding program that are documented heterozygous (1 copy) for the Piedmontese-specific myostatin allele mutation which may be recorded in the Naturalean™ herd book for the purpose pedigree and EPD development only, their identification number prefix will state "RECORDED".

- Animals with recorded or registered parentage information available shall have the prefix "N" before the registry or recordation number and pedigree information for one or both parents, as available, shall be expressed on the certificate.
- Animals with no pedigree information shall carry the prefix "NU" in their registry or recordation number, to indicate that no verifiable pedigree information is available.

NOTE: all animals – in any category of registry or recordation – must have a Permanent Record SNP DNA Test and a Myostatin Test confirming variant C313Y inactive myostatin on file before they can be registered or recorded.

For assistance in completing applications for further information, contact Stacy Oliver-Bauereiss at (701) 578-2547, or email NAPA.piedmontese@gmail.com Website address www.piedmontese.org