

## **Guidelines Relating to the Registration Status of Potential and Known Carriers of the Curly Calf Syndrome**

As a part of its ongoing efforts to protect our members and their customers and to provide future guidance for our membership, the Board sets forth below the following concepts it intends to follow in formalizing a policy to deal with the registration status of potential and known carriers of the Curly Calf Syndrome (“CCS”) gene. The following is based on the assumption that a specific test will be developed and made available to members that can distinguish animals with the recessive gene from ones free of it. What follows must therefore be considered hypothetical in the absence of a confirmed test.

The Board’s primary purposes are to remove the CCS problem from our breed as soon as practicable, utilizing the best science available as an ally in the effort, and to protect our valued customers.

### **Currently Registered Females and Bulls**

- As used in this document, the word “currently” in the phrase “currently registered” means as of the date that the American Angus Association makes an approved DNA test for the CCS gene available to the membership.
- All currently registered females and bulls with Precision genetics in their pedigrees will remain registered. Their registrations will not be revoked, cancelled or suspended.
- With respect to currently registered females and bulls that are subsequently tested or otherwise identified as carriers of the CCS gene, their registrations will not be revoked, cancelled or suspended.

## **Resulting Progeny of Currently Registered CCS-Carrier Females and Bulls**

- All resulting calves of currently registered CCS-carrier females and bulls, born on or before December 31, 2009, must be DNA-tested for the CCS gene (the results of which must be provided to the Association by the testing lab) in order to be eligible for registration. The results of that test (denoting whether the animal is free of the gene or a carrier) will be reflected on their registration and performance pedigree certificates, as set out below.
- All resulting calves of currently registered CCS-carrier females and bulls, born on or after January 1, 2010, must be DNA-tested for the CCS gene (the results of which must be provided to the Association by the testing lab) and found to be free of that gene in order to be eligible for registration.

### **A.I. Sires Carrying the CCS Gene**

All calves born of an A.I. sire will not be eligible for registration if conceived after sixty (60) days following the date on which that sire is publicly announced by the Association as being a carrier of the CCS gene.

### **Registration of Clones**

No clones of animals identified as a carrier of the CCS gene shall be eligible for registration.

### **Notice on Registration and Performance Pedigree Certificates**

The registration and performance pedigree certificates of registered females and bulls with Precision genetics in their pedigrees will be amended to reflect the results of the DNA tests to be conducted on these animals. Carriers of the CCS gene will be denoted by the letters “CCS.” Animals found to be free of the gene will be denoted by the letters “FCCS.”

### **Notice Concerning Suspect Animals**

In the absence of presenting proof to the Association that an animal or an ancestor of that animal, previously registered or to be registered, has been tested free of the CCS gene, the following notification shall be placed or displayed on or in connection with the pedigree of the suspect animal:

This animal has one or more ancestors known to carry a recessive gene that can result in the conception of calves with a lethal defect known as Curly Calf Syndrome. The American Angus Association recommends testing to confirm the absence or the presence of this gene.

All animals tested for the CCS gene, upon receipt of this information by the Association from the testing lab, shall have such notification deleted. Carriers of the CCS gene will be denoted by the letters "CCS." Animals found to be free of the gene will be denoted by the letters "FCCS."