

Murray Grey Beef Cattle Society Ltd Regulations

These regulations take effect from 03 July 2026

ABN 98 083 111 406

1 INTRODUCTION

2 DEFINITIONS USED IN THE REGULATIONS

3 HERDBOOK AND REGISTERS

- 3.1 Herdbook
- 3.2 Purebred Register (PB)
- 3.3 Grading Register (GR)
- 3.4 Greyman Register (GM)
- 3.5 Commercial Register (CM)
- 3.6 Composite Register (CP)
- 3.7 UK Register (UK)
- 3.8 Movement between Registers

4 REGISTRATION OF ANIMALS

- 4.1 General rules for the registration of animals
- 4.2 Application to enrol base and foundation animals
- 4.3 Application to register calves got by AI, ET or Genetic Engineering
- 4.4 Application to register imported animals
- 4.5 Application to register calves got by Multiple sire mating
- 4.6 Application to record inactive animals or progeny of inactive animals

5 IDENTIFICATION AND NAMING

- 5.1 Newborn calves
- 5.2 Animals registered with another Breed Society
- 5.3 Base and Foundation animals
- 5.4 General
- 5.5 Stud prefix and herd identifier

6 TRANSFER, LEASE, LOAN or SALE OF ANIMALS

- 6.1 General
- 6.2 Transfer of Embryos or implanted recipients
- 6.3 Members Entitlement to Information
- 6.4 Members Entitlement to Genetic Information

7 REMOVAL OF ANIMALS FROM THE HERDBOOK and GENETIC CONDITIONS

8 USE OF ANIMALS FOR ARTIFICIAL BREEDING

- 8.1 General
- 8.2 Imported sires, dams, semen and embryos
- 8.3 Recorded AI sires and ET donors

9 PARENTAGE VERIFICATION

10 EXHIBITION OF STOCK

11 DISPERSAL SALES

APPENDIX 1 – FEE SCHEDULE

APPENDIX 2 – MURRAY GREY STANDARD OF EXCELLENCE

APPENDIX 3 – GREYMAN STANDARD OF EXCELLENCE

APPENDIX 4 – GROUP BREEDPLAN CODE OF PRACTICE

APPENDIX 5 – INTERPRETATION OF BREED CODES

1 INTRODUCTION

These Regulations of The Murray Grey Beef Cattle Society Limited (hereinafter called 'the Society'), are effective from 21 June 2024. Any former regulations of the Society shall be repealed as from and including that day.

The Constitution of the Society states that the Board may from time to time amend the regulations whether by addition, deletion, alteration or otherwise.

Unless otherwise stated any discretionary decisions, stated, implied or required by these regulations are vested in the board or whosoever has been nominated by the board for this purpose.

The Secretary shall within 30 days notify each member of any regulation, or any amendment so made by the Board.

2 DEFINITIONS USED IN THESE REGULATIONS

- 2.1 "The Society" means Murray Grey Beef Cattle Society Limited and its predecessor The Murray Grey Beef Cattle Society Incorporated.
- 2.2 "The Board" means the Board of Directors of the Society.
- 2.3 "The Regulations" means these regulations of the Society.
- 2.4 "Member" means an individual or other legal entity accepted for membership of the Society.
- 2.5 "Herd book" means the registers of the Society in which records of individual animals are kept.
- 2.6 "Registers" means any one of the discrete classes of animals making up the Herdbook of the Society.
- 2.7 "PB" means the Purebred Register.
- 2.8 "GR" means the Grading Register.
- 2.9 "GM" means the Greyman Register.
- 2.10 "CM" means the Commercial Register.
- 2.11 "CP" means the Composite Register.
- 2.12 "UK" means the UK Register.
- 2.13 "Animal" means a calf or adult bovine.
- 2.14 "Tattoo Identifier" is the unique identification for each herd. It comprises one to three letters, numbers or a combination of letters and numbers allotted by the Society to a member.
- 2.15 "Year letter" means the letter recorded in the Herdbook denoting the year of birth of an animal.
- 2.16 "Calf drop number" means the consecutive number allotted by the herd owner to each calf born in the herd.
- 2.17 "Stud prefix" means the unique name allocated to each stud.
- 2.18 "Animal Identification" means all of the identifying letters and numbers required to identify an animal in the Herd book.
- 2.19 "Brand" in relation to an animal means either a freeze or fire brand applied or required to be applied to the animal.

- 2.20 "Registered owner" is the owner/s of an animal recorded in the Herdbook.
- 2.21 "Breeder" is the registered owner/s of a cow at the time of birth of a calf, whether the cow is the natural mother or recipient dam.
- 2.22 "Calving year" means the calendar year in which the calf is born.
- 2.23 "Date of Sale" and "Date of Transfer" shall be the date on which ownership passes to the transferee, as stated in the transfer submitted to and recorded by the Society.
- 2.24 "Base" animal is a Murray Grey or Angus with no pedigree information previously recorded for it.
- 2.25 "Foundation" animal means an animal of any breed or cross of breeds.
- 2.26 "NLIS" means the National Livestock Identification Scheme.
- 2.27 "Registration/Register" means the process of placing an animal in the Herdbook.
- 2.28 "Enrolling/Enrol" means the process of Registering a base or foundation animal.
- 2.29 "Transfer" means the process of changing ownership details of an animal.
- 2.30 "Advisor Inspector" is a person nominated by the Board to carry out such functions as the Board may determine.

3 HERDBOOK AND REGISTERS

All animals in the Herdbook of the Society as of 1 January 2005 were automatically allocated to a Register according to these Regulations. Subsequently all calves will be allocated to the highest Register to which they are eligible and until their owners transfer them to another Register for which they are eligible. All cattle in all Registers are eligible for performance recording unless specifically excluded. Membership must be paid before recording, transfer and enrolments will be processed.

3.1 The Herdbook of the Society will Consist of the Following Registers:

- Purebred Register (PB)
- Grading Register (GR)
- Greyman Register (GM)
- Commercial Register (CM)
- Composite Register (CP)
- UK Register (UK)

3.2 Purebred Register (PB)

All animals on the purebred register as of the 1st of January 2012 will remain and be classified as Purebred. All animals born after the 1st of January 2012 that are the result of a pure to pure cross or pure to GR2 cross, pure or GR2 cross will be classified as Purebred on the Purebred register. The animal must be silver, grey or black in colour. Purebred will be clearly displayed on the certificate and on the animal enquiry screen.

- 3.2.1 Calves will be automatically recorded in this Register if it is the highest register for which they are eligible.
- 3.2.2 Animals may not be reinstated to this register by the owner who downgraded the animal to the Commercial Register, or any subsequent owner, except in exceptional circumstances and on application to the board and payment of fee prescribed.

3.3 Grading Register (GR)

All animals currently on the grading register as of the 1st of January 2012 will remain as grading animals, and will be allocated to categories of GR0, GR1 and GR2 based on Murray Grey blood percentage. The Grade will be clearly displayed on the certificate and on the animal enquiry screen. The animal must be silver, grey or black in colour. From 1st of January 2012 a grading up process will be established. Progeny of valid mating of registered parents shall be eligible for the following registered grades.

Progeny Grades for Matings Within the Grading Register

Dam	Sire				
		GR0	GR1	GR2	PB
	GR0	GR0	GR0	GR0	GR1
	GR1	GR0	GR1	GR1	GR2
	GR2	GR0	GR1	GR2	PB
	PB	GR1	GR2	PB	PB

Grade 0 (GR0)- A MG cow of unknown purity or a registered Angus with a known pedigree

Grade 1 (GR1)- A Base MG of known purity or an animal with less than 75% Murray Grey born after 1/1/2012. The remaining percentage may only be black Angus.

Grade 2 (GR2)- Animals with 75% and under 87.5% Murray Grey born after 1/1/2012.

Pure (PB)- Purebred

Angus animals will have (AA) displayed after their name.

Actual breed percentages will be available and can be accessed from the Murray Grey Beef Cattle Society.

3.3.1 Calves will be automatically recorded in this Register if it is the highest for which they are eligible.

3.3.2 Animals can be enrolled in this register as a Base animal on the form provided for this purpose and on the payment of any fees payable.

3.3.3 Animals may not be reinstated to this Register by the owner who downgraded the animal to the Commercial Register, or any subsequent owner, except in exceptional circumstances and on application to the board and payment of any fee prescribed.

3.4 Greyman Registers (GM)

Greyman cattle can only be bred from the Murray Grey and Brahman breeds of cattle. The Murray Grey Beef Cattle Society (MGBCS) allows the level of Brahman blood in Greyman to vary to suit breeder's different environmental requirements. Brahman Blood percentage is required to be within 25% to 75% for all registration levels with the exception of the Enrolment level.

All of the Rules and Regulations are consistent across all the registers of the Murray Grey Beef Cattle Society. This includes DNA testing.

3.4.1 It shall be a requirement for the registration of all calves born between 01/01/2007 and 31/12/2012 that their sire be DNA typed by the MGBCS approved laboratory, if genetic material is available.

3.4.2 All calves born after 31/12/2012 must have their sire DNA typed by the MGBCS approved laboratory. This will apply to all animals in the Foundation and the Registered levels of the Greyman registers. Animals in the enrolment level will not need to have the sire DNA typed.

3.4.3 Where the sire and/or dam of a calf to be recorded in the Greyman register is a Brahman;

- an official three generation pedigree for the Brahman animals must be provided.
- a pedigree certificate for the Brahman animal must be provided; and
- the animal must be enrolled in the GM register and the prescribed fee paid.

The levels that cattle can be recorded at are:

- Enrolment
- Foundation
- Registered

ENROLMENT REGISTER

Initially all existing Registered Greyman Cattle will be moved to the new enrolment register. Animals to be reactivated will be individually assessed and placed in their appropriate Register (either enrolment, foundation or registered.)

This is the entry level for the breed. Cattle that are acceptable for this level are:

- Registered Murray Grey cattle (at least 50% Murray Grey (GR1) with the remaining percentage Angus)
- Registered Brahman cattle.
- Commercial Greyman cattle that meet the Greyman standard of excellence and have known breed percentages.
- Murray Grey X Brahman cattle that fall outside of the 25 to 75% Brahman blood percentages

Progeny of Enrolment cattle are eligible to be registered as Foundation level.

Animals in this register will have (E) after their animal identification. (example XXX H14 (E))

FOUNDATION REGISTER

Foundation level cattle are required to be between 25% and 75% Brahman blood with the balance being Murray Grey. All progeny of Enrolment Register cattle with the required Brahman content will be recorded in the Foundation Register. Progeny of Enrolment Register cattle outside the Brahman percentage remain at Enrolment level.

Animals in this register will have (F) after their animal identification. (example XXX H14 (F))

REGISTERED GREYMAN

Animals whose parents are at least recorded in the Foundation level and whose Brahman percentage falls between 25% and 75% are eligible for the Registered level. Registered Greyman is the highest level in the Greyman Herdbook. The Registered Greyman will have a registered generation number recorded. The Registered progeny of Foundation animals will be recorded as one Generation (R1). Subsequent progeny by Registered Greyman will be Generation two (R2) and then Generation three (R3), Generation four (R4) and finally Generation five (R5). (See Appendix 7)

Animals in this register will have (R and their generation number) after their animal identification. (example XXX H14 (R1))

Registered Greyman cannot be bred from any other breed other than Brahman and Murray Grey. The animal may be silver, grey or black in colour with no severe brindling. Greyman cattle must conform to the Greyman Standard of Excellence (Appendix 3) to be recorded in the Greyman Register.

3.5 Commercial Register (CM)

Animals eligible for the Commercial Register must be bred from only the Murray Grey or Angus breeds of cattle.

3.5.1 Calves will be automatically recorded in this Register if it is the highest register for which they are eligible.

3.5.2 Animals can be enrolled in this register as a Base animal on the form provided for this purpose and on the payment of any fees payable.

3.5.3 Animals can be transferred to this register from the PB and GR.

3.5.4 Murray Grey cows may be recorded in this register to produce progeny eligible for the GM Register.

3.6 Composite Register (CP)

Animals eligible for the Composite Register have or include blood from breeds other than Murray Grey and Angus

3.6.1 Calves will be automatically recorded in this Register if it is the highest register for which they are eligible.

3.6.2 Animals can be enrolled in this register as a Foundation animal on the form for this purpose and on the payment of any fees payable.

3.7 UK Register (UK)

Arrangements for the recording of animals owned in and by members of the UK Murray Grey Association

may be obtained by contacting the MGBCS Office.

3.8 Movement Between Registers

Movement of animals between Registers is only possible in the following circumstances:

3.8.1 The owner of an animal automatically enrolled in the PB, GR and GM Registers, may downgrade the animal to the commercial by notification to the society.

3.8.2 Animals may not be reinstated to the PB, GR or GM Registers by the owner who downgraded the animal or subsequent owner, except in exceptional circumstances and on application to the board and payment of any fee prescribed.

4 THE REGISTRATION OF ANIMALS

4.1 General Rules for the Registration of Animals

4.1.1 An application to register an animal will only be accepted from a full member, life member, silver member, youth member, international member or education member of the Society.

4.1.2 Animals other than Black Angus must conform to the Breed Standard (Appendix 2) to be recorded in the Purebred, Grading Registers.

4.1.3 Animals other than Greyman must conform to the Breed Standard (Appendix 3) to be recorded in the Greyman Register.

4.1.4 The member applying for the recording of a calf must be the owner of the dam when the calf was born. The dam must be recorded as active in the Herdbook.

4.1.5 It shall be a requirement for the registration of all calves born after 01/07/2013 that their sire be DNA typed by the MGBCS approved laboratory.

4.1.6 It shall be a requirement for the registration of all calves registered between 01/07/2013 and 31/12/2017 that their sire be tested for Congenital Contractural Arachnodactyly (CA). Progeny of all known CA carriers must be tested for CA prior to any of their progeny being registered.

4.1.7 It shall be a requirement for the registration of new sires that have DNA submitted after 1/1/2024 that they be DNA tested for the myostatin gene by a MGBCS approved laboratory.

4.1.8 When recording calves where a parent is a Registered Angus animal, a pedigree authorised by Angus Australia must be supplied with the application to register. The Angus animal must be tested free of the Red Gene Factor and free of all known genetic conditions stated by the Board at that time. The animal must be entered on a base register and the prescribed fee paid.

4.1.9 An application for registration of an animal in the Herdbook to be made before such animal is twelve months old, together with any additional information prescribed by these regulations. Members may register animals with the Society, using the M1 form or by compatible electronic methods.

4.1.10 Late applications shall be accompanied by the late fee prescribed by these regulations and the Application for Change of Registration Form. Applications for animals over 24 months must have a DNA sample recorded, fees additional to the cost list in Appendix 1.

4.2 Application to Register Calves got by AI and ET.

Where necessary this Regulation should be read in conjunction with the regulations applying to imported semen and embryos.

4.2.1 In addition to the normal requirements for registration the following information must be provided by the owner of a calf resulting from embryo transfer:

- Documentation of the donor dam and sire as outlined in Regulation 8.
- A technician or Veterinarian Surgeons Certificate completed on the date of the flush, identifying the result of the procedure.
- A technician or Veterinarian Surgeons Certificate identifying the embryo and stating the implant date,

breed and year of birth of the recipient female where available.

- Where the applicant does not own the donor dam and/or sire the transfer form of the embryo to the applicant must be supplied to the Society.

4.2.2 If sired by semen from an overseas bull, the bull must meet the requirements of Regulation 8.2.

4.3 Application to Register Imported Animals

Additional information required to accompany an application for recording of an imported animal shall include:

4.3.1 A Murray Grey registration certificate from the overseas Herdbook which is a member of the International Murray Grey Beef Cattle Association and be a purebred, registered Murray Grey that meets the Standard of Excellence applying for recording the animal in the Australian Herdbook listed on the certificate as the registered owner.

4.3.2 A DNA type provided by a recognised genomics laboratory.

4.4 Application to Register Calves got by Multiple Sire Mating

Multiple sire mating is only permissible in the CM Register.

4.4.1 A calf is got by multiple sire mating and the applicant does not want to record the calf's true sire, then all of the sires used in the multiple sire group must be supplied upon application to register.

4.4.2 The applicant wishes to identify the true sire of the calf then parentage verification by DNA typing must take place prior to the application to register.

4.4.3 In the case of artificial breeding approval may be given for multiple sire matings on application in advance to the society office.

4.5 Application to Register Inactive Animals or Progeny of Inactive Animals

4.5.1 A member who has inactivated an animal may apply for reactivation of the animal provided the application is accompanied by the fee prescribed by these regulations (Fees Appendix 1).

4.5.2 A full member who buys inactive registered cattle from a resigned, commercial or non-member may only have these animals reinstated to the Herdbook if a fee is paid and the previous owner provides written permission for the animals to be reinstated.

4.5.3 Calves born to inactive dams can be recorded, subject to any other Regulation, and where any and all fees required to reinstate the dam for the year of the calf's birth are paid.

5 IDENTIFICATION AND NAMING

5.1 Newborn Calves

5.1.1 Each member shall within 200 days of the birth of each calf bred by them eligible for the PB, GR registers, uniquely identify the calf in accordance with these regulations, by tattooing the near (left) ear or both ears with their tattoo identifier, together with a year letter (Year letter - Appendix 6) and a unique serial number. The calf drop numbers are to be applied serially to each such calf in order of date of birth. The drop number must not have any preceding zero in it.

5.1.2 Animals eligible for the CM, CP or GM registers will be recorded by the Society with the breeder's tattoo identifier, year letter and drop number. Where an NLIS tag is used the animal must also carry a second visual identification.

5.1.3 If a cow shall be sold or otherwise disposed of with a calf at foot which was born after the sale or disposal but whilst on the property of the vendor, the calf shall be identified in the manner required by the regulations and for this purpose the purchaser shall be deemed to be the breeder of the calf.

5.2 Animals Registered with Another Breed Society

For any animals that are to be registered in the Herdbook that have an existing identification number from a Breed Society recognised by the Board, the application of an additional Murray Grey identification to the animal by the member is not required. A copy of the registration certificate must be supplied.

5.3 Base and Foundation Animals

For base or foundation animals which have a Herdbook Identification number from another Breed Society, this Herdbook Identification number must be supplied.

5.4 General

- 5.4.1 No member shall alter the tattoo of any animal for whatever reason without the written permission of the Executive Officer.
- 5.4.2 Animals must be named at the time of birth recording and the gender inferred must comply with the sex of the animal. Duplication of names is not permissible except where it is differentiated by the addition of the animal identifier to the name. The name allotted to each animal submitted for recording shall use the breeder's registered stud prefix as part of the name. No portion of an animal's name shall include part or all of a stud prefix registered by another member, at the Executive Officers discretion.
- 5.4.3 Recording of an animal with a particular name may be refused if any portion of the name is likely to mislead or cause confusion with any other animal or Stud. Names from established families or of animals of renown may be applied to an animal having some ancestral claim thereto.

5.5 Stud Prefix and Herd Identifier

- 5.5.1 Each member shall be required to Register with the Society a distinctive Stud Prefix of no more than 18 characters (including spaces).
- 5.5.2 Member's Stud Prefix shall be allocated for their own exclusive use and the Society shall not register a Stud Prefix which in its opinion might cause confusion, by pronunciation or spelling or any other means, with any other prefix already registered.
- 5.5.3 The Society shall not register any prefix which, in its opinion, causes confusion between the Murray Grey breed and another breed.
- 5.5.4 The Stud Prefix may be transferred with the approval of the Board.
- 5.5.5 Each member shall be allocated a unique tattoo identifier.
- 5.5.6 The tattoo identifier may be transferred with the approval of the Board.

6 TRANSFER, LEASE, LOAN OR SALE OF ANIMALS

6.1 General

- 6.1.1 Any member who transfers an animal or share of an animal recorded with the Society to any other person whether by sale, gift, lease or loan shall record such transfer with the Society within 90 days on the form prescribed for the purpose. Fees apply to all late transfers. (Appendix 1)
- 6.1.2 Applications for transfer must be accompanied by payment of the prescribed fees, including inventory fees. (Appendix 1)

6.2 Transfer of Embryos or Implanted Recipients

- 6.2.1 An application to transfer ownership of an embryo/s must be completed in full by the vendor on the form prescribed for this purpose.
- 6.2.2 The transfer form must contain details and identification of the sire and dam, breeder, date of embryo collection and recipient breed, age and identification details where applicable.
- 6.2.3 Where the vendor of an embryo or pregnant recipient is not the breeder of the embryo or the pregnant recipient, that vendor shall be responsible to the purchaser for the provision of the embryo transfer form from the owner of the dam.

6.3 Members Entitlement to Information

A member on request is entitled to request the Society provide the following information at the cost of the member.

- (a) Two (2) generations of pedigrees for the age group of cattle owned by the member including cattle originally in those age groups, whether active or not.
- (b) The results of DNA testing for genetic conditions of the cattle referred to in paragraph 6.3.(a).
- (c) The actual breed percentages (composition of) in the cattle referred to in paragraph 6.3.(a).
- (d) All raw performance data supplied to ABRI in respect of the cattle referred to in paragraph 6.3.(a)

6.4 Members Entitlement to Genetic Information

6.4.1 Ownership of DNA Samples

Where a Member submits a DNA sample for testing and pays for that testing, ownership of the physical DNA sample remains with the submitting Member, subject to the terms of submission to the testing provider.

6.4.2 Access to DNA Test Results

Where a Member submits and pays for DNA testing, that Member is entitled, upon request, to receive a copy of the raw DNA results (including SNP data) relating to that sample.

6.4.3 Limitations on Data Release

The Society is not required to release DNA data where:

- a) The data forms part of, or is integrated within, a third-party database or system (including but not limited to ABRI or similar genetic evaluation platforms), where release would:
 - breach contractual obligations, or
 - require the inclusion of data relating to other Members or animals
- b) The data has been combined, analysed, or derived in a manner that incorporates information from multiple Members, animals, or datasets
- c) The release would compromise the integrity of genetic evaluations, herdbook records, or Society systems

6.4.4 Society Rights to Use Data

Notwithstanding clauses (1) and (2), the Member grants the Society an ongoing, non-exclusive right to:

- store,
 - use,
 - analyse, and
 - publish (in aggregated or derived form)
- DNA data and results for the purposes of:
- herdbook management
 - genetic evaluation and improvement
 - research and development
 - breed promotion

6.4.5 Data Request Process

The Board shall determine and publish:

- the process for requesting DNA data
- the format in which data will be provided
- any reasonable administrative fees associated with data retrieval

6.4.6 Confidentiality

As required for herdbook management, genetic evaluations and improvement, research and

development, and breed promotion some data will be published are required by the society. Where possible this will be done as aggregated or derived data ensuring individual breeders cannot be identified.

6.4.7 Fees

Requesting member is liable for all costs involved in retrieving any data or DNA results.

6.4.8 Application of Policy

This policy applies to all DNA samples submitted from the date of adoption and, where practicable, to historical samples, subject to third-party and system limitations.

7 REMOVAL OF ANIMALS FROM THE HERDBOOK & GENETIC CONDITIONS

7.1 Any animal may upon the written application of its registered owner be inactivated.

7.2 The Board may at its discretion:

- Decline to enter any animal in the Herdbook if the application for registration is incomplete or otherwise defective.
- Decline to register any animal in the Herdbook if any prescribed fees are not paid.
- Make inactive a member's active animal/s if the member fails to pay the Society within 30 days after demand any monies owing to the Society and all proceeding progeny.

7.3 The Society currently recognizes the following genetic conditions or any other known verified genetic disorder.

- Arthrogryposis Multiplex (AM)
- Congenital Contractural Arachnodactyly (CA)
- Mannosidosis
- Neuropathis Hydrocephalus (NH)
- Pompes disease
- Developmental Disorder (DD)
- Myostatin nt-821

7.3.1 The following points apply to the genetic conditions currently recognized by the Society.

- (i) The registration certificates of all registered animals will display codes describing DNA test results for recognized genetic conditions.
- (ii) Only genetic test results of samples that have been provided to a recognised genomics laboratory will be recorded on the Society's database.

7.4 The Board reserves the right to test any animal in the Herdbook for a suspected genetic condition. Any animal that fails a parentage verification may, have its parentage corrected, be transferred to a lesser register or any other action determined by the board on a case-by-case basis.

7.5 Any animal found in breach of 9.1.1, 10.1.1 and 10.1.10 may be moved to a lesser register or any other action deemed appropriate by the board on a case-by-case basis, along with any of its progeny.

8 USE OF ANIMALS FOR ARTIFICIAL BREEDING

8.1 General

8.1.1 All Bulls recorded in the Herdbook of the MGBCS are eligible for use by AI subject to and limited by these Regulations.

8.1.2 The Board may at its discretion withdraw permission or approval for use by artificial insemination of an individual bull and its decision shall be final. The collection, storage and use of semen must be done in accordance with the applicant's respective State/Territory and Commonwealth health regulations.

- 8.1.3 To be eligible under this regulation a bull shall be DNA typed by a recognised genomics laboratory.
- 8.1.4 To be eligible under this regulation a dam shall be DNA typed by a recognised genomics laboratory.
- 8.1.5 All Females recorded in the Herdbook of the MGBCS and the Registered GM herdbook are eligible for use as ET donors subject to and limited by any and all other Regulations.

8.2 Imported Sires, Dams, Semen and Embryos

- 8.2.1 Imported sires, dams, semen and embryos may be used to produce progeny for recording in the Australian Herdbook, subject to other related Regulations including:
 - 8.2.1.1 The animal/s affected must be registered with a member association of the International Murray Grey Beef Cattle Association or in the case of Brahman cattle with a recognised Brahman association.
 - 8.2.1.2 Eligibility as determined by these Regulations is approved in advance of their use in Australia.
 - 8.2.1.3 Approval shall only be given where the animals affected would otherwise meet the requirements for recording and use as if they were born in Australia, Or:
 - 8.2.1.4 Where an agreement between the MGBCS and the International Murray Grey Association applies, Or:
 - 8.2.1.5 At the discretion of the board.
- 8.2.2 The owner/importer of the sire, dam, semen or embryo must be a member of the Society and must supply to the Society:
 - 8.2.2.1 Any other requirements from time to time required by the board regarding the health, identity, and ownership of an animal.
 - 8.2.2.2 An official pedigree certificate stating any animal intended to be imported, or in the case of semen the sire, or in the case of embryos the sire and dam have a DNA type which includes a minimum of 21 markers.
 - 8.2.2.3 Payment of any fees due.

8.3 Recorded AI Sires and ET donors

- 8.3.1 The owner of a PB, GR or GM registered bull or female may apply for the animal to be listed as a Recorded AI sire upon meeting certain additional requirements prescribed by the Board. Such an application is subject to Board approval and payment of any and all fees payable.

9 DNA TESTING AND PARENTAGE VERIFICATION

- 9.1 From the 1st of January 2010 the MGBCS may conduct a DNA/Parentage verification on any animal recorded on the MGBCS database at the MGBCS's expense.
 - 9.1.1 Where the parentage verification for an animal recorded on the MGBCS database fails, then the MGBCS shall downgrade an animal to GR1 or GR0 depending on the grading register until its correct parentage is determined and verified at the breeder's expense.
 - 9.1.2 The Society may request parentage verification of additional animals in the herd of the breeder, at the breeder's expense.
- 9.2 The parentage verification of an animal or embryo affected by regulation 9.4, shall be confirmed by parentage verification from DNA typing prior to the application for recording.
- 9.3 If a genetic test shows incorrect parentage, then the Board may:
 - 9.3.1 Request from the breeder an explanation as to the reason for the parentage variation.
 - 9.3.2 If no satisfactory explanation can be given, then the Board may request a DNA type of any percentage of the applicant's herd in the 6 months either side of the offending animal's date of birth.

- 9.4 All animals which fail the parentage verification tests may be removed from the Herdbook or be deregistered, have its (and all of its progeny's) parentage corrected in the Herdbook and be identified in an official publication (pending Boards approval for such publication).
- 9.5 Parentage verification by DNA typing must be done on any animal whose dam was exposed to more than one bull during the joining period and where there was less than 21 days elapsed time between the last date of service of the dam by AI or natural service and the re-mating of that dam by AI or natural service.
- 9.6 It shall be a requirement for the registration of all calves born after 31/12/2006 that their sire be DNA typed by a MGBCS approved laboratory.
- 9.7 It shall be a requirement for the registration of new sires that have DNA submitted after 1/1/2024 that they be DNA tested for the myostatin gene by a MGBCS approved laboratory.
- 9.8 All DNA samples submitted for DNA typing after 01/03/2009 shall be subject to DNA paternal verification, by the MGBCS approved laboratory.
- 9.9 Embryos that have been collected before the 31/12/2006 and the Sire has no DNA profile or no semen left to DNA test can be registered on the database. Members must have all the paperwork provided by the veterinary technician when the flush was conducted and the Sire and Dam information has been previously recorded on the MGBCS database. Any Progeny that are produced from the embryo's need to only be DNA profiled unless there is DNA to parent verify.

10 EXHIBITION OF STOCK

- 10.1 An animal may be entered or exhibited at a show provided they satisfy the entry requirements of the show, and:
 - 10.1.1 It complies with the Breed Standard of Excellence.
 - 10.1.2 In the case of Murray Grey stud classes, the animal, excluding calves at foot, is recorded in the PB register.
 - 10.1.3 In the case of an exhibit of an age under eighteen (18) months (548) days on the day exhibition it does not have or show evidence of having or having had a permanent tooth.
 - 10.1.4 In the case of an exhibit of an age to twenty-four (24) months (730) days on the day of exhibition it does not show evidence of having or having had more than two (2) permanent teeth.
 - 10.1.5 If a calf at foot on a Murray Grey female exhibited at a Show, it carries the identification number as defined in these Regulations, is recorded in the PB or GR registers and is silver, grey or black in colour.
 - 10.1.6 In the case of Greyman stud classes the animal must be recorded in the Greyman register of at least. Foundation Level of breeding, Black Greyman animals are eligible for showing.
 - 10.1.7 It bears all the markings whether in the nature of colour, tattoo, tag or brand attributed to it in any show entry and in the records of the Society.
 - 10.1.8 If a calf at foot and born in close proximity to the date of exhibition, but prior to a reasonable opportunity for the calf to be registered by its owner, that it be a calf who would otherwise meet the requirements of 10.1.1.
 - 10.1.9 Being a steer and entered in a Purebred class, it must comply with the Breed Standard of Excellence. In the case of black Murray Grey steers, they have the option to carry the freeze brand approved for the purposes by the MGBCS on the near side hindquarter.
 - 10.1.10 It has not at any time been under the effect of any drug, tranquiliser, hormone or other substance, which artificially enhances performance, fertility (except in the case of Embryo Transplant), physical appearance, behaviour or which may disguise the natural features of an animal unless such use is certified as necessary for medical treatment of an illness by a registered veterinarian and such documentation has been provided to and accepted by the Board and the relevant Show Society prior to the exhibition of the animal.

- 10.2 The Board shall have the right to order the taking of a sample of blood, saliva, urine or photographic

evidence from any animal for the purposes of testing for any drug, tranquiliser, hormone or substance prohibited by these regulations, or indications of a disguise to the natural features of an animal, at the owner's expense where an offence against 10.1.10 is shown.

- 10.3 The detection of the use of any drug, tranquiliser, hormone, or other substance by these regulations may result in the animal being deregistered and any other action deemed appropriate by the Board.
- 10.4 The Board shall have the right to order the taking of a sample of genetic material or photographic evidence from any animal for the purposes of testing for verification of parentage and pedigree at the owner's expense where an allegation arises.
- 10.5 Exceptions from these rules may be sought on a case-by-case basis. Any such exception approved is at the absolute discretion of the board and no precedent should be assumed by any exception agreed to at any time.
- 10.6 The exhibitor/s must be the owner of the animal as recorded by the Society and it must be the owner's name that appears on the entry form and in the catalogue of entries.
- 10.7 The exhibitor/s must be current Full, Silver, Youth or Life Member/s of the Society.
- 10.8 In the case of females over 24 months of age they must be 'active' on the Female Inventory.

11 DISPERSAL SALES

- 11.1 If a member wishes to disperse any and all fees on their account are to be paid in full.
- 11.2 Any member who advertises a dispersal sale shall catalogue and present for sale all recorded animals and other genetic material in his/her possession. Unless such advertisement is amended by public announcement at least two weeks prior to the date of sale and by verbal and written public announcement on the day of the sale that the sale is not a dispersal sale, it shall be required of the member that all REGISTERED animals and other genetic material that can be recorded in the Herdbook, in his/her possession are offered.
- 11.3 Any recorded animal or genetic material not sold during the dispersal sale must be transferred out of the dispersing herd within 90 days of the dispersal sale. Those animals and genetic material not transferred will be made inactive. Any variation is subject to Board approval.
- 11.4 The use of the Stud Prefix of a member advertising and conducting a dispersal sale, shall be prohibited on and after the expiration of 90 days after the holding of such dispersal sale or after any such further period as may be permitted by the Board.
- 11.5 Where a herd has been dispersed, after a period of 90 days calves will no longer be registered under that Stud Prefix.

APPENDIX 1 - FEE SCHEDULE

MEMBERSHIP FEES

• Full Membership	\$360.00
• Silver Membership (must have less than 10 active females on inventory)	\$440.00
• Commercial Membership	\$20.00
• Overseas & International Membership AUD	\$105.00
• Educational Membership	\$115.00
• Youth Membership (includes up to 2 active females on inventory)	\$57.50

FEMALE INVENTORY FEES

• Purebred, Grading & Greyman Females If paid by the 30th of September of the current year After this date reinstatement fees will apply. Full Members - Membership includes inventory for the first 10 animals. Youth Members - Membership includes inventory for the first 2 animals.	\$28.50
• Commercial Register Females If paid by the 30th of September of the current year	\$12.00

Herd Size Discount:

Applies to each female within a herd after the first 200 registered (across all registers), inventory numbers 201 and above receive discount of \$2.00 off per head.

• Base and Foundation Enrolment Fees Base: for Commercial Foundation: for Composite	\$12.00 \$12.00
• Recipient Females Normal Inventory fees apply to recipient females for each ET Calf Registered with the Society. That is members will be charged an inventory fee for the Register the calf is to be recorded in. These will be manually invoiced to a member at the end of each month after the registration of any ET calves.	
• Penalties for Late Calf Registration Calves over 12 months and under 2 years of age Calves over 2 years of age (subject to Application of Change of Registration Form)	\$11.50 \$88.00
• Application for transfers There are no transfer fees for animals or embryos. However, there are fees for late lodgement of transfers, and for the re-issue of any certificate for any animal in any register.	
• Penalties for late lodgement of transfers (females only) Lodgement over 3 months and under 6 months from date of transaction Lodgement over 6 months from date of transaction (Subject to Board approval)	\$11.50 \$58.00
• Reinstatement Fees (applies also to purchases from non-members) If a female has been inactive (subject to Application of Change of Registration Form) Upgrading females through Application of Change of Registration Form	\$88.00 \$88.00
• Pedigree - Performance Certificates Reissue of Pedigree Certificate	\$6.00

APPENDIX 2 - STANDARD OF EXCELLENCE

Purebred (PB) Animals should be of the following standard.

General appearance - All animals should be well balanced with length, width, spring of rib and smoothness. Undue deposits of fat must be avoided. Animals must have the ability to walk freely. Bulls should be masculine with breed character and capable of natural service and reproduction. Females should be feminine with breed character, prolific and able to rear their progeny.

Skin, Pigmentation and Colour - Murray Greys may be silver, grey or black in colour, the skin must be loose and supple, and be dark pigmented. Pink skin is only allowed on the underbody. It is preferred that there be no pink skin on the underbody forward of the naval scar (for females) or forward of the pizzle (for bulls), however, animals need not be disqualified for small areas of pink skin on this part of the underbody. Pink pigmentation on any part of the legs is not allowed.

White hooves are not acceptable, black hooves are preferred. The muzzle must be dark coloured, denoting dark skin pigment.

Head - Animals must be naturally polled with good length from eye to muzzle. The muzzle must be dark in colour, not flesh coloured or spotted. The jaw must be strong, neither undershot nor overshot. The eyes should be clear, alert and set wide apart. The ears should be well placed.

Legs - The legs must be well placed. The animal should stand true, i.e., equally on all parts of the foot and the feet should be dark in colour and well formed.

Constitution - All animals must be of good constitution.

Temperament - Animals must be of a docile disposition.

APPENDIX 3 - GREYMAN CATTLE STANDARD OF EXCELLENCE

Colour - All tones of silver grey, or black with no severe brindling.

Pigmentation - Skin and feet to be dark pigmented.

Body - Well sprung body, full behind shoulders with strong backline, leading to slightly rounded rump, broad at pins.

Size - Well grown for age and a capacity to continue to develop.

Bone - Moderate, sound and free from defects.

Muscling - Smooth, thick and evenly distributed.

Coat and Hide - Short sleek coat, loose pliable hide.

Horn - Polled. (Scurs and dehorned acceptable in, Enrolment and Foundation Registers)

Legs - Moderate length, firm even hocks, short strong pasterns, active walk.

Underline - Neat, not pendulous.

Scrotum - Containing two testicles, well developed and evenly placed. No small or malformed testicles.

Udder - Well developed with teats of moderate size, evenly placed.

Forequarters - Shoulders smooth and well set in well-proportioned neck and ample dewlap.

Temperament - Docile but alert.

Eyes - Hooded, well-spaced (set) eyes with dark pigmentation.

General Appearance - Should reflect the influence of both breeds, Murray Grey and Brahman. Bulls must be masculine. Females must be feminine.

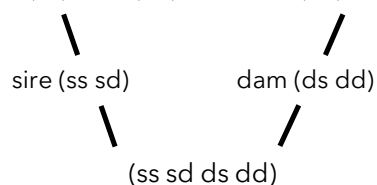
APPENDIX 4 - GROUP BREEDPLAN CODE OF PRACTICE

- 1.1 An annual enrolment applies for the period from 1st January to 31st December.
- 1.2 Data will only be accepted from members for inclusion in Murray Grey GROUP BREEDPLAN for animals that are recorded in one of the registers provided by the Society.
- 1.3 Data submitted for inclusion in Murray Grey GROUP BREEDPLAN will be analysed together with data from other herds and relevant other overseas or breed/s genetic evaluation information to calculate Estimated Breeding Values (EBVs) and other statistics. This data will remain the property of the Society and will not be used for research and /or the publication or dissemination of EBVs on individual animals.
- 1.4 The Society retains copyright on all information generated from the Murray Grey pedigree-performance database (including pedigrees, EBVs, Indexes and accuracies). Inaccurate or misleading use of this information in advertising and promotional material may contravene the Trade Practices Act.
- 1.5 In enrolling (or re-enrolling) in Murray Grey GROUP BREEDPLAN members will agree to the following conditions. Violation of these conditions may result in the cancellation of enrolment.
 - (i) Contemporary groups will be managed in such a way to ensure that all animals allocated to a particular group have an equal opportunity to express their performance. Animals that are given preferential treatment or are sick or disadvantaged will be allocated to separate contemporary groups. No animal will be excluded from a contemporary group on the basis of its individual performance.
 - (ii) All performance data will be measured using appropriate equipment (and not estimated). Breeders will ensure the correct functioning of scales and other equipment used to measure performance.
 - (iii) EBVs and accuracies included in sale catalogues and advertisements will be current and accurate. A consistent set of EBVs and accuracies will be used for all animals in a particular sale group (i.e. selected figures will not be omitted for individual animals). All non-zero EBVs will be shown with either a clear positive (+) or negative (-) sign.
 - (iv) Wherever EBVs are included in advertisements and sale catalogues acknowledgement of the source of the EBVs will also be included (e.g., January 2002 Murray Grey GROUP BREEDPLAN EBVs; Interim GROUP BREEDPLAN EBVs, April 2002). The current breed average EBVs published in the most recent Murray Grey GROUP BREEDPLAN Directory (Sire Summary) will also be included in sale catalogues.
 - (v) Parental or ancestor EBVs shall not be used in lieu of individual animal EBVs in advertisements and sale catalogues.
 - (vi) Overseas or breed/s genetic evaluation Information and/or raw data included with EBVs in advertisements or sale catalogues will be clearly labelled.

APPENDIX 5 - INTERPRETATION OF BREED CODES

Two-character codes are used to identify the breed (see breed code table following). Four of these codes may be used to describe the breed of the animal. The structure of the overall breed code is designed to give some indication of the pedigree of the animal as follows:

sire (ss) dam (sd) sire (ds) dam (dd)



Where:

ss = sire's sire's breed

sd = sire's dam's breed

ds = dam's sire's breed

dd = dam's dam's breed

For example:

1. Murray Grey / Brahman cross is MG (50%) BB (50%)

2. Hereford/Angus sire x Murray Grey / Brahman cow is HH (25%) AA (25%) MG (25%) BB (25%) Abbreviations

Where an animal is a purebred, the breed code can be abbreviated to the one code (e.g., Murray Grey "MG"). Do not abbreviate other combinations as the interpretation of these may be ambiguous. For example, "HH MG FF" can mean either Hereford/Murray Grey x Friesian OR Hereford x Murray Grey/Friesian.

STANDARD BREED CODES

Letter Code	Breed Name	Letter	Breed Name
CD	A.C.D.C	FF	Holstein Friesian
JJ	Jersey	LB	Lean Bos (Chianina/Sahiwal)
AF	Africander	LL	Limousin
AN	Angler	LR	Lincoln Red
AA	Angus	LH	Longhorn (Texas)
FS	Australian Friesian Sahiwal	LU	Luing
IS	Australian Illawarra Shorthorn	MU	Maine Anjou
MZ	Australian Milking Zebu	MD	Mandalong Special
UU	Australian Red	MA	Marchigiana
AY	Ayrshire	MS	Milking Shorthorn
BS	Beef Shorthorn	MI	Muese-Rhine-Issel
BO	Beefalo	MG	Murray Grey
BM	Beefmaster	PR	Pie Rouge
BL	Belgian Blue	Re	d PM Piedmontese
BR	Belmont	PZ	Pinzgauer
GA	Belted Galloway (& Galloway)	PC	Poll Charolais
BA	Blonde d'Aquitaine	PD	Poll Devon
BN	Boran	PH	Poll Hereford
BF	Braford	PS	Poll Shorthorn
BB	Brahman	PI	Poll Simmental
BH	Brahmousin	RA	Red Angus
BE	Braler	RP	Red Poll
BG	Brangus	RS	Red Sindhi
BV	Braunvieh	RF	Red and White Holstein
BW	British White	RO	Romagnola
SB	Brown Swiss	RB	Rotbut
BU	Buffalo	SW	Sahiwal
CB	Charbray	SN	Sahiwal-Shorthorn
CC	Charolais (& Poll Charolais)	SL	Salers
CA	Chiangus	SG	Santa Gertrudis
CI	Chianina	SV	Shaver Beefblend
CF	Chiford	SS	Shorthorn (& Poll Shorthorn)
DS	Dairy Shorthorn	SM	Simbrah
DR	Danish Red	H	Simford
DD	Devon S	SC	Simindicus
DX	Dexter	SI	Simmental (Fleckviech & Black
DM	Droughtmaster	SD	South Devon
DU	Durham	SU	Sussex
FF	Friesian (Holstein)	SR	Swedish Red
GA	Galloway (& Belted Galloway)	TA	Tarantaise
GV	Gelbvieh	TI	Tuli
GM	Greyman	OO	Unknown
GG	Guernsey	WA	Watuji
HV	Hayes Converter	WB	Welsh Black
HH	Hereford	WY	Wagyu
HI	Highland	Ze	Zebu

APPENDIX 6 - YEAR LETTER CODES

Year Letter

2020 R	2026 X
2021 S	2027 Y
2022 T	2028 Z
2023 U	2029 A
2024 V	2030 B
2025 W	2031 C

APPENDIX 7- GREYMAN GENERATION TABLE

	Foundation Dam	R1	R2	R3	R4	R5	
Foundation Sire	R1	R1	R1	R1	R1	R1	
R1	R1	R2	R2	R2	R2	R2	Generation
R2	R1	R2	R3	R3	R3	R3	number of
R3	R1	R2	R3	R4	R4	R4	progeny
R4	R1	R2	R3	R4	R5	R5	
R5	R1	R2	R3	R4	R5		

Cattle that fall outside of the 25% to 75% Brahman blood percentages will go to the Enrolment level.

APPENDIX 8 - BREED UNIFORM

The Breed Uniform is compulsory for all Royal Shows, feature shows and exhibitions such as the National Show & Sale, Bendigo Beef, Dubbo Beef Spectacular and Rockhampton Beef.

The Breed Uniform shall be dark blue jeans, chambray shirt and the green MG vest.

Exhibitors not in Breed uniform will not have their prize presentation photos used for promotion by the MGBCS.

It is at the discretion of the breed/shed captain to determine whether vests are worn in hot conditions.

If exhibitors are not wearing a vest due to heat conditions, then they must be wearing a chambray shirt embroidered with the MGBCS logo that is available from the MGBCS office.