



Submitter: Jonathon Beever
 Submitter Code: 38096
 Submitter Reference: Gonadal Hypoplasia

Gonadal Hypoplasia - Data Collection Sheet

Thank you for being part of the Gonadal Hypoplasia research trial, your time and efforts are truly appreciated by the whole SPI membership current and future.

- ➡ Please have your technician read the below descriptions and score each animals as deccribed only.
- ➡ Please collect a TSU or hair sample on the day, note this needs to be additional to SPI registration sample
- ➡ Please while animal in crush take a picture of the animal to identify colour markings.

ANIMAL ID	SAMPLE NUMBER	AGE AT PALPATION	COLOUR	PICTURE	MALE/ FEMALE	FEMALE PALPATION SCORE	MALE LEFT TESTICLE SCORE	MALE RIGHT TESTICLE SCORE	MALE INTERNAL SCORE
SAMPLE COW Q45	1001	18 MTHS	WHITE	YES	FEMALE	4	-	-	-

Females – Manual Palpation or Ultrasound

- 1 Left ovary present, normal size, functioning with presence of CL or larger follicle > 4mm (active ovary).
- 2 Left ovary present, small with no CL or large follicles > 4mm (non-active ovary). Together with, a right ovary present, normal size, functioning with presence of CL or larger follicles > 4mm (active ovary).
- 3 Both left and right ovaries present, with no CL or larger follicles > 4mm on either ovary (non-active anoestrous ovaries)
- 4 Left ovary not present, or the size of a grain of rice or smaller (aplastic or hypoplastic ovary).
- 5 Right ovary not present, or the size of a grain of rice or smaller (aplastic or hypoplastic ovary).

Testicles – Manual Palpation

Male Left Testicle

- 1 Left testicle present, with normal size and firmness/consistency.
- 2 Left testicle present, less than 50% size of the right testicle with normal firmness/consistency.
- 3 Left testicle present, less than 50% size of the right testicle with abnormally soft firmness/consistency.
- 4 Left testicle present, less than 50% size of the right testicle with abnormal hard firmness/consistency.
- 5 Left testicle present, hypoplastic and located in the inguinal canal
- 6 Left testicle not present

Male Right Testicle

- 1 Right testicle present, with normal size and firmness/consistency.
- 2 Right testicle present, less than 50% size of the left testicle with normal firmness/consistency.
- 3 Right testicle present, less than 50% size of the left testicle with abnormally soft firmness/consistency.
- 4 Right testicle present, less than 50% size of the left testicle with abnormal hard firmness/consistency.
- 5 Right testicle present, hypoplastic and located in the inguinal canal
- 6 Right testicle not present

Internal Examination – per rectum

- 1 Prostate Gland (Body), Vesicular Glands & Ampullae all present
- 2 Prostate gland (Body) not present
- 3 Vesicular glands not present bilaterally
- 4 Ampullae not present bilaterally

Email Scanned files or jpeg pictures of completed GH Collection Form and identified picture of each animal to: brendon.orourke@dpi.nsw.gov.au

Post samples to:

Dr Brendon O'Rourke
 NSW DPI
 Elizabeth Macarthur Agricultural Institue
 Woodbridge Rd
 Menangle NSW 2568

Any question please call either:

Tim Weller 0427 465 490
 Gary Reidy 0419 482 415
 Dr Brendon O'Rourke 02 4640 6441

