
EQUINE THERAPEUTIC MEDICATION RULES

The Calgary Stampede follows the current Equine Canada Medication Control Guidelines. It should be noted that any withdrawal times noted below are guidelines only and the Calgary Stampede is not responsible for any positive test where the prohibited medication is detected if the medication was given outside of these guidelines. The changes to the prohibited medications are outlined below:

1.1 Anabolic Steroids:

The use of anabolic steroids for horses is prohibited. Examples of these medications are:

- Stanozolol (Winstrol)
- Boldenone acetate (Equipose)
- Testosterone (Unitest, etc.)
- Nandrolone decanoate

The suggested medication withdrawal time for this class of pharmaceuticals is 60 days according to the current medication detection limits.

1.2 Non-Steroidal Anti-Inflammatory Drugs (NSAIDs):

The judicious use of NSAIDs for performing equine is still allowed under the Equine Canada rules. However, the “stacking” of NSAIDs is no longer permitted. This means that drug residue from more than one type of NSAID is not allowed in the serum or urine sample of a competition horse. As a result, a given horse should only be medicated with one type of NSAID leading up to and during the entire Calgary Stampede. A seven day withdrawal period should be given prior to utilizing another NSAID, so as not to cause a false positive drug test.

For example, horses can no longer be medicated with Phenylbutazone (Butazone) and Flunixin (Banamine) simultaneously. A horse who receives Phenylbutazone post-event for mild exercise-induced soreness, should only receive Phenylbutazone throughout the course of the entire Stampede.

Provisions for emergency use of a different NSAID can be made with the approval of the Official Stampede Veterinarian. For example, a horse who has received Phenylbutazone, who then develops signs of colic, may be administered Flunixin. This usage must be documented and reported to the Official Stampede Veterinarian, by the owner/exhibitor or an accredited Stampede Veterinarian, as to avoid a potential positive drug test and resulting sanctions.

1.3 Recommended Equine Canada Limits for Common NSAIDs:

The intended purpose of these allowable NSAIDs is to manage exercise related inflammation and NOT to treat lameness for the purpose of competition. Therefore it is recommended that no part of the dose of a given NSAID be administered in the 12 hours preceding competition.

- Phenylbutazone:
 - The maximum permissible plasma concentration of phenylbutazone is 15.0 micrograms per milliliter. As a result, the maximum daily dosage of phenylbutazone is 2 grams per 24 hour period for a 1000 pound horse.
 - It is recommended that no portion of the dosage be administered in the 12 hours prior to competition.

- Flunixin meglumine (Banamine, Flunazine, etc.) :
 - The maximum permissible plasma concentration of flunixin is 1.0 micrograms per milliliter. As a result, the maximum daily dosage of flunixin is 500 mg per 24 hour period for a 1000 pound animal.
 - It is recommended that no portion of the dosage be administered in the 12 hours prior to competition.

- Ketoprofen (Anafen, Ketofen, etc.) :
 - The maximum permissible plasma concentration of ketoprofen is 40.0 nanograms per milliliter. As a result, the maximum daily dosage of ketoprofen is 1 gram per 24 hour period for a 1000 pound horse.
 - It is recommended that no portion of the dosage be administered in the 12 hours prior to competition.

- Diclofenac (Surpass, Voltaren) :
 - The maximum permissible plasma concentration of diclofenac is 0.005 micrograms per milliliter. As a result, the maximum daily dosage of diclofenac is 146 mg topically to one site only. This translates into 73 mg per 12 hour period. This amount of diclofenac is equal to a 5 inch ribbon applied twice daily to the affected joint.
 - It is recommended that diclofenac cream should be discontinued 12 hours prior to competition.

- Meclofenamic Acid (Arquel):
 - The maximum permissible plasma concentration of meclofenamic acid is 2.5 micrograms per milliliter. As a result, the maximum dosage of meclofenamic acid is 0.5 grams per 12 hour period for a 1000 pound animal.

- Naproxen (Naprosyn, Anaprox, Equiproxen):
 - The maximum permissible plasma concentration of naproxen is 40.0 micrograms per milliliter. As a result, the maximum daily dose is 4 grams for a 1000 pound horse.
 - It is recommended that no portion of the dosage be administered in the 12 hours prior to competition.

- Firocoxib (Equioxx, Previcox):
 - The maximum permissible plasma concentration of firocoxib is 0.240 micrograms per milliliter. As a result the maximum daily dose for a 1000 pound animal is 45.5 milligrams.
 - It is recommended that no portion of the dosage be administered in the 12 hours prior to competition.

1.4 Forbidden Drugs And Medications:

- a) Any drug or medication not approved for use in Canada according to the *Food and Drugs Act*, R.S.C. 1985, c.F-27, as amended.
- b) Any drug or medication not listed in the permitted medications list above and listed under the *Controlled Drugs and Substances Act*, S.C. 1996, and c.19, as amended.
- c) Any drug or medication which has as one of its major pharmacological actions, a stimulant or depressant affect on the central nervous system.
- d) Any local anesthetic.
- e) Any drug, medication or substance which in the opinion of the chemist interferes with the thorough testing of a sample.
- f) Two or more NSAIDs identified as present in the same plasma or urine sample – “Stacking”; unless the OSV has cleared the usage as part of an emergency treatment as defined in Section 1.2.

Stampede Officials shall appoint a licensed technician(s) to obtain blood and/or urine samples. Stampede Officials may select for testing any or all horses competing. Also Stampede Officials will select at least one of the horses in the Champion team in each weight pulling division. Horses may be tested prior to and/or after competing in a performance. In the case of testing of horses prior to competing in a performance, the licensed technician will obtain blood samples at any locations within the agriculture barns as designated by Stampede Officials. Horses selected to be tested following a performance must be taken to the drug-testing immediately after their performance. Test markings for the random selected horses must be clearly visible on the selected horse(s). Refusal to submit the selected horse or horses for drug testing, and/or refusal or interference in allowing the licensed technician to perform his/her duties related to the obtaining of blood and/or urine samples, shall constitute a violation and subject the responsible owner/exhibitor to any combination of penalties, fines, suspension, or disqualification as outlined in Section 1.5.

Whether a blood sample is taken before or after a performance, a reading of blood bicarbonate content of 37 or more mmol/L is to be considered over the acceptable limit. Penalties will be assessed as outlined in Section 1.5 Penalties For Drug, Medication or Foreign Substance Identifications.

The exhibitor/owner shall protect his horses (including any rented or borrowed horses) from the administration of any forbidden drug, medication or foreign substance. The exhibitor/owner shall be solely responsible for the condition of his horses tested regardless of the acts of third parties and regardless of the time of administration of any drug, medication, or foreign substance that results in an identification in the official sample.

The identification of any prohibited drug, medication or foreign substance in any official sample of urine and/or blood obtained from tested horses shall constitute prima facie evidence that the performance of the horse was affected by the drug, medication, or foreign substance and that it was administered by the exhibitor/owner having the care and custody of that horse. Penalties and/or sanction shall be assessed to the exhibitor/owner.

All decisions rendered by the Calgary Stampede and its designated Stampede Officials pertaining to drug, medication and foreign substances are final and are not subject to appeal of any kind.

1.5 Penalties For Drug, Medication Or Foreign Substance Identifications

Penalties for forbidden drug, medication or foreign substance identifications shall be assessed as follows:

- a) the exhibitor/owner will be disqualified from the competition and all entry fees and prize monies will be forfeited;
- b) the exhibitor/owner will forfeit, and be required to return to the Calgary Stampede, all prize money and awards received including advertiser auction funding and/or Class of the Class award, if any, for the performance in which the forbidden drug, medication or foreign substance identification was obtained; and,
- c) the exhibitor/owner will be suspended from the following years Calgary Stampede Heavy Horse Pull Competition.

Within ten (10) days of receiving notification by Stampede Officials that a forbidden drug, medication or foreign substance identification was obtained, the exhibitor/owner is required to return the forfeited prize money and awards received, if any. Failure to do so, will result in the exhibitor/owner being disqualified from future participation in the Calgary Stampede and may subject the exhibitor/owner to civil action to recover any forfeited prize money and awards.