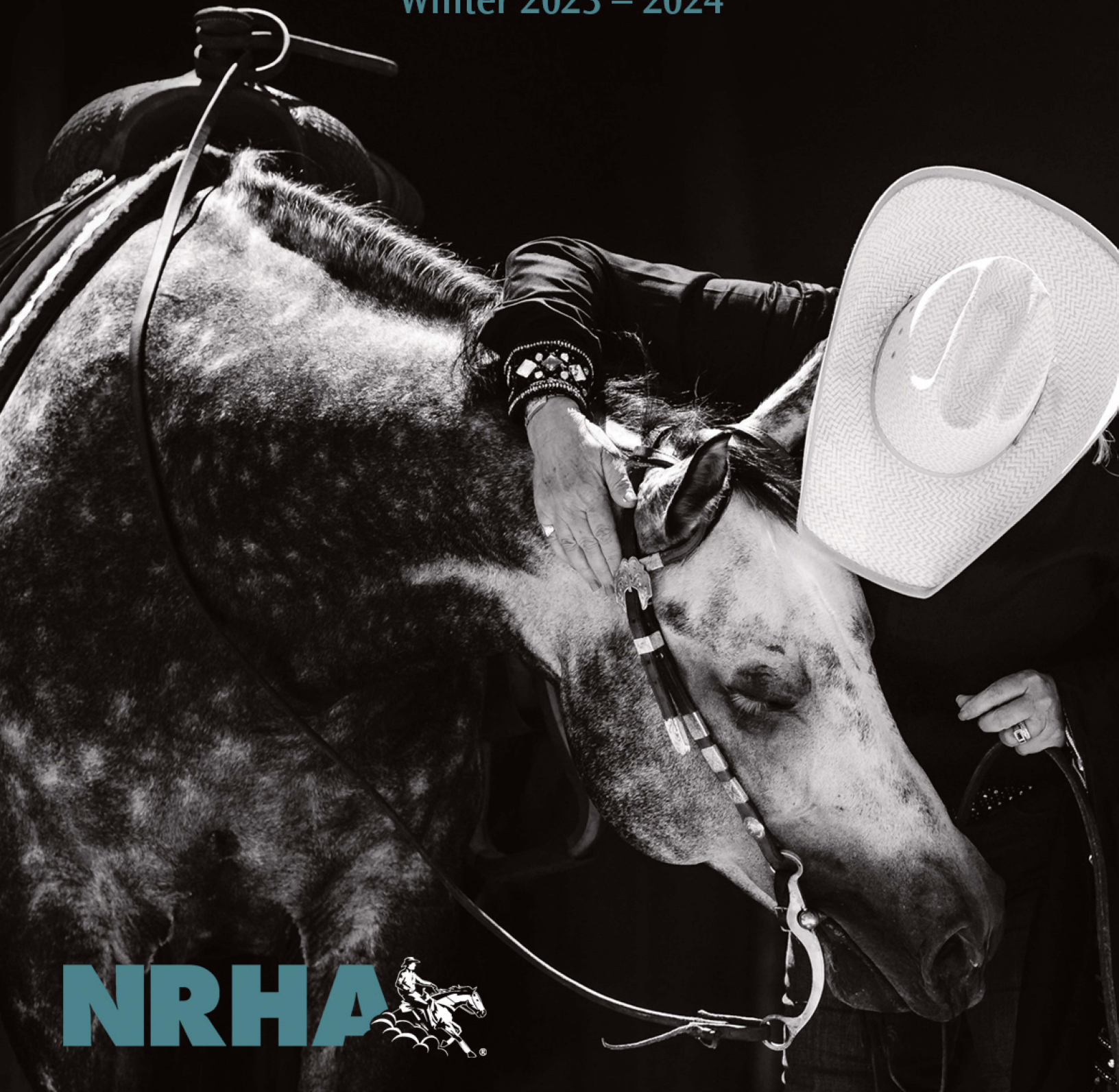


# ANIMAL WELFARE & MEDICATIONS PROGRAM OVERVIEW

Winter 2023 – 2024



# DEFINITIONS

THIS GUIDE IS FOR REFERENCE ONLY. PLEASE CONTACT A LICENSED VETERINARIAN BEFORE ADMINISTERING ANY MEDICATIONS.  
THE COMPLETE POLICY IS AVAILABLE ON [NRHA.COM/WELFARE](http://NRHA.COM/WELFARE).

**Permitted** = Allowed at the limit provided in the Handbook without an MRF.

**Conditionally Permitted** = Prohibited Controlled = Allowed with MRF in accordance with Section 8, Not allowed within 24 hours of competition.

**Prohibited Banned** = Never allowed.

“Prohibited” by itself simply means “Not Allowed.” Examples: overage of a permitted, using a prohibited-controlled not in accordance with Section 8 and a meds form, banned substances. The language we use to determine what category of penalty we apply if they are found is “Permitted,” “Conditionally Permitted,” or “Banned.”

**NSAID** = Non-Steroidal Anti-Inflammatory Drug.

**Stacking** = The use of more than one NSAID.

**Withdrawal Time** = Number of days or hours in-between the administration of the medication and competition on horse.

**Section 8** = Section 8 of the *NRHA Handbook*: Conditions for Therapeutic Administrations of Forbidden Conditionally Permitted Substances.

**Compounded** = Put together by another lab or pharmacy outside of the trade product (like purchasing the ingredients to make a cake versus using an already made cake mix).

**Medications Report Form “MRF”** = A form used by the administrator, to disclose relevant information on the horse being treated and the substance being administered, requires approval via signature from the rider, owner, administrator, and treating veterinarian.

# MEDICATIONS DOSAGE GUIDELINES

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- Please refer to the Permitted Substances section of this document for dosage and administration guidelines. If a sample contains more than the maximum plasma concentration, it is considered a positive finding. Administering treatment in excess and/or in a shorter timeframe than provided can increase the potential for a positive finding.
- Do not administer Phenylbutazone and Flunixin at the same time (unless used according to Section 8). Allow 7 days withdrawal time from one before using the other. See guidelines for details.
- Only a single NSAID should be administered within 72 hours of competition to avoid NSAID stacking.
- The maximum treatment time for any of the permitted substances is 5 days, with the exceptions of Diclofenac and Fircoxib. Diclofenac can be administered for 10 successive days, and Fircoxib can be administered for 14 successive days.
- Using the manufacturer's recommended dose of any medication more than one time can increase withdrawal time. Please consult your veterinarian when using any medications.

# PERMITTED SUBSTANCES IN NRHA COMPETITION

\*NO Medications Report Form needed\*

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## MAXIMUM PLASMA CONCENTRATIONS OF PERMITTED SUBSTANCES PROVIDED IN THE NRHA HANDBOOK

- **Diclofenac (Surpass®) NSAID**

Max. dosage per pound of body weight: 5-inch ribbon, ½ inch thick, one site.  
Administration is topical, 2 doses each day, 12 hours apart. Last administration must be > 6 hours prior to competition. The maximum permitted plasma concentration is 0.005micrograms per milliliter.

- **Phenylbutazone (Bute®) NSAID**

Max. dosage per pound of body weight: 2.0mg/lb (2 grams/1000lbs) when given oral or IV, 1 dose per day given 24 hours apart,  
OR, 1.0mg/lb (1 gram/1000 lbs) when given orally, 2 doses each day, 12 hours apart.  
Last administration must be > 6 hours prior to competition. The maximum permitted plasma concentration is 15 micrograms per milliliter.

- **Flunixin Meglumine (Banamine®) NSAID**

Max. dosage per pound of body weight: 0.5mg/lb (500 mg/1000 lbs).  
Administration can be oral or IV, 1 dose per day, 24 hours apart. Last administration must be > 6 hours prior to competition. The maximum permitted plasma concentration is 1 microgram per milliliter.

- **Ketoprofen (Ketofen®) NSAID**

Max. dosage per pound of body weight: 0.1mg/lb (1 gram/1000 lbs).  
IV administration, 1 dose per day, 24 hours apart.  
Last administration must be > 6 hours prior to competition. The maximum permitted plasma concentration is 0.250 micrograms per milliliter.



# PERMITTED SUBSTANCES IN NRHA COMPETITION

\*NO Medications Report Form needed\*

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- **Firocoxib (Equioxx®) NSAID**

Max. dosage per pound of body weight: 0.1mg/kg (0.0455 mg/lb) (45.5 mg/1000 lbs). Oral administration, 1 dose per day, 24 hours apart. Last administration must be > 6 hours prior to competition. The maximum permitted plasma concentration is 0.240 micrograms per milliliter.

- **Omeprazole (Gastroguard®)**

Max. dosage per pound of body weight: 1 mg/kg (0.454 mg/lb). Oral administration, 1 dose per day, 24 hours apart. Last administration must be > 4 hours prior to competition. The maximum permitted plasma concentration is 10 nanograms per milliliter.

- **Methocarbamol (Robaxin®)**

Max. dosage per pound of body weight: 5 mg/lb (5 grams/1000 lbs). Administration can be oral or IV, 2 doses each day, 12 hours apart. Last administration must be > 12 hours prior to competition. The maximum permitted plasma concentration is 4 micrograms per milliliter.

- **Furosemide (Salix®)**

Max. dosage per pound of body weight: 250 mg to 500 mg (5 to 10 mL). Administration can be IV or IM, 1 dose per day, 24 hours apart. Last administration must be > 4 hours prior to competition. The maximum permitted plasma concentration is 10 nanograms per milliliter.

- **Altrenogest (Regumate®, for use in mares)**

Max. dosage per pound of body weight: 1 mL/110 lbs (0.044 mg/kg). Oral administration, 1 dose per day, 24 hours apart. Last administration must be > 12 hours prior to competition. Permitted for use in mares.

# PERMITTED SUBSTANCES IN NRHA COMPETITION

**\*NO Medications Report Form needed\***

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- **Dexamethasone (Dexject SP®)**

Max. dosage per pound of body weight:

2 mg/100 lbs (20 mg/100 0lbs).

Administered through IV or IM, 1 dose per day, 24 hours apart. Last administration must be > 12 hours prior to competition.

0.5 mg/100 lbs (5 mg/1000 lbs).

IV administration, 2 doses per day, 12 hours apart. Last administration must be > 6 hours prior to competition.

1 mg/100 lbs (10 mg/1000 lbs).

Oral administration, 1 dose per day, 24 hours apart. Last administration must be > 6 hours prior to competition. The maximum permitted plasma concentration is 0.003 micrograms per milliliter.

- **Isoxsuprine Hydrochloride (Vasodilan®)**

Max. dosage per pound of body weight:

0.6 – 1.8 mg/kg.

Oral administration, either 2 doses per day, 12 hours apart, or, 1 dose per day, 24 hours apart. Last administration must be > 4 hours prior to competition.

- **Romifidine (Sedivet®) NOT FOR EUROPE**

**\*Conditionally Permitted\***

Max. dosage 5 mg (TOTAL DOSAGE):

(If using 10mg/mL concentration of romifidine the allowable dose is 0.5 mL; if using other concentrations of compounded romifidine, consult with a veterinarian for appropriate dosing).

**IV administration. Last administration must be > 30 minutes prior to competition.**

**\*Medications Report Form required for use of romifidine in NRHA competition\***

# MEDICATIONS REPORT FORMS

\* You **MUST FILE** a Medications Report Form when administering Conditionally Permitted Substances in NRHA competition\*

- Medications that are conditionally permitted are classified in the substance database as “prohibited-controlled,” and may only be used in NRHA competition if they are used in accordance with the *NRHA Handbook: Section 8. Conditions for Therapeutic Administrations of Conditionally Permitted Substances*.
- Conditionally permitted substances cannot be administered 24 hours prior to competition.
- For the most up to date and complete list of substance classification, visit [nrha.com/welfare](http://nrha.com/welfare).
- All signatures are required for the medications report form to be considered complete.
- Medications report forms must be turned in prior to competition.
- Examples of Conditionally Permitted Substances include:
  - Cetirizine (Zyrtek®)
  - Gauifensesin (Sudafed Cough®)

Please note: a medications report form does not guarantee allowance- circumstances must meet Section 8 of the *NRHA Handbook*.

## **FAILURE TO TIMELY FILE A REQUIRED MEDICATIONS FORM WHERE USE OF MEDICATION WAS IN ACCORDANCE WITH SECTION 8:**

**1ST OFFENSE:** \$250 Fine and Warning

**2ND OFFENSE:** \$1,000 Fine and 6-Month Probation

**3RD OFFENSE:** \$2,500 Fine, Disqualification and 6-Month Suspension

# PROHIBITED SUBSTANCES

All substances that are not on NRHA's allowable list are considered prohibited. Under this prohibited category, there are two classifications: controlled and banned. Controlled substances are what may be used in NRHA competition in accordance with Section 8. Banned substances are never allowed to be used. When a sample reveals the presence of a controlled substance that is not permitted and does not comply with Section 8 of the *NRHA Handbook*, the Conditionally Permitted Substance Violation tier of the penalty chart will be applied. When a sample reveals the presence of a banned substance, the Prohibited ("Banned") tier of the penalty chart will be applied.

To verify the classification of a prohibited substance, please refer to the substance database located on [nrha.com/welfare](http://nrha.com/welfare).

**For purposes of this rule, a prohibited substance is:**

- I. Any stimulant, depressant, tranquilizer, local anesthetic, psychotropic (mood and/or behavior altering) substance, or drug which might affect the performance of a horse (stimulants and/or depressants are defined as substances which stimulate or depress the cardiovascular, respiratory or central nervous systems), or any metabolite and/or analogue of any such substance or drug, except as expressly permitted by this rule.
- II. Any corticosteroid present in the plasma of the horse other than dexamethasone (see Section (e)(ii)).
- III. Any nonsteroidal anti-inflammatory drug in excess of one present in the plasma of the horse (Section 8 does not apply); exception: salicylic acid and topical use of diclofenac (Surpass) is permitted in addition to one additional nonsteroidal anti-inflammatory drug.
- IV. Any substance (or metabolite and/or analogue thereof) permitted by this rule in excess of the maximum limit or other restrictions prescribed herein.
- V. Any substance (or metabolite and/or analogue thereof), regardless of how harmless or innocuous it might be, which might interfere with the detection of any of the substances defined in (i), (ii), (iii) or (v) or quantification of substances permitted by this rule.
- VI. Any anabolic steroid.



# NRHA Animal Welfare & Medications Policy

This guide is for reference only. Please contact a licensed veterinarian before administering any medications. The complete policy is available on [NRHA.com/welfare](http://NRHA.com/welfare), or by accessing the Library in your ReinerSuite portal.

DRUG/SUBSTANCE CLASSIFICATION	1ST OFFENSE	2ND OFFENSE	3RD OFFENSE
Overage of a Permitted Substance (2-year medications probation period)	\$500 Fine; \$1,000 Fine for NSAID Stacking	\$1,000 Fine; \$2,000 Fine for NSAID Stacking	\$2,000 Fine; \$4,000 Fine for NSAID Stacking; Disqualification & Publication, 6-Month Suspension
Conditionally Permitted Substance Violation (2-year medications probation period)	\$5,000 Fine, Disqualification & Publication	\$10,000 Fine, Disqualification & Publication, 90-Day Suspension	\$20,000 Fine, Disqualification & Publication, 12-Month Suspension
Prohibited ("Banned") Substances (Permanent Probation Period)	\$10,000 Fine, Disqualification & Publication	\$15,000 Fine, Disqualification & Publication, 1-Year Suspension	\$30,000 Fine, Disqualification & Publication, 3-Year Suspension

NOTE: Disqualifications, fines, probations, suspensions and revocations will be published on ReinerSuite when applicable.

## Permitted Substances in NRHA Competition

MEDICATION GENERIC NAME	MEDICATION TRADE NAME	MAX DOSAGE PER POUND OF BODY WEIGHT (exception romifidine)	LATEST ADMINISTRATION HOUR PRIOR TO COMPETITION	ADMINISTRATION METHOD (SINGLE DOSE PER 24 HOURS UNLESS SPECIFIED OTHERWISE)
Diclofenac	Surpass®	5-inch ribbon, ½ thick, one site	>6 hours	Topical, 2 doses each day 12 hours apart
Phenylbutazone	Bute®	2.0 mg/lb (2.0 grams/1000 lb) or 1.0 mg/lb (1.0 grams/1000 lb)	>6 hours AM & PM Feed	Oral, IV, 1 dose each day, 24 hours apart Oral, 2 doses each day, 12 hours apart
Flunixin Meglumine	Banamine®	0.5 mg/lb (500 mg/1000 lb)	>6 hours	Oral, IV, 1 dose each day, <b>24 hours apart</b>
Ketoprofen	Ketofen®	1.0 mg/lb (1.0 gram/1000 lb)	>6 hours	IV, 1 dose each day, 24 hours apart
Firocoxib	Equioxx®	0.1 mg/kg (0.0455 mg/lb) (45.5 mg/1000 lb)	>6 hours	Oral, 1 dose each day, 24 hours apart
Omeprazole	Gastroguard®	1.0 mg/kg (0.454 mg/lb)	> 4 hours	Oral, 1 dose each day, 24 hours apart
Methocarbamol	Robaxin®	5.0 mg/lb (5.0 grams/1000 lb)	>12 hours	Oral, IV, 2 doses each day, 12 hours apart
Furosemide	Salix®	250 mg to 500 mg (5 to 10 mL)	> 4 hours	IV, IM, 1 dose each day, 24 hours apart
Allrenogest <sub>1</sub> (for use in mares)	Regumate®	1.0 mL/110 lb (0.044 mg/kg)	> 12 hours	Oral, 1 dose each day, 24 hours apart
Isoxsuprine Hydrochloride	Vasodilan®	0.6-1.8 mg/kg	> 4 hours	Oral 2 doses each day, 12 hours apart Oral, 1 dose each day 24 hours apart
Dexamethasone	Dexject SP®	2.0 mg/100 lb (20 mg/1000 lb) or 0.5 mg/100 lb (5.0 mg/1000 lb) or 1.0 mg/100 lb (10 mg/1000 lb)	>12 hours >6 hours >6 hours	IV, IM, 1 dose each day, 24 hours apart IV, 2 doses each day 12 hours apart Oral, 1 dose each day, 24 hours apart
Romifidine (Not for EU) *Conditionally Permitted	Sedivet®	5 mg TOTAL DOSAGE (if using 10mg/ml concentration of Romifidine the allowable dose is 0.5ml; if using other concentrations of compounded Romifidine consult with a veterinarian for appropriate dosing)	>30 minutes	IV

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The complete *NRHA Handbook* can be found by hovering your cell phone camera over the QR Code below and tapping the link that appears or by visiting [nrha.com/handbook](http://nrha.com/handbook).



The complete NRHA Animal Welfare and Medications Policy can be found by hovering your cell phone camera over the QR Code below and tapping the link that appears or by visiting [nrha.com/welfare](http://nrha.com/welfare).



The medications report form can be found by hovering your cell phone over the QR Code below and tapping the link that appears, or by visiting [nrha.com/welfare](http://nrha.com/welfare).



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**NRHA**

