



# Medication Use on Dairy Farms

## CONDITIONS FOR USE AND LABELING

**Over The Counter Drugs (OTC)**

**On-label Use**

**Extra-label Use**

- Original manufacturer's label.
- No relationship with a veterinarian is required when the label is followed exactly for species, indication, dose, duration and route of administration.

**Prescription Drugs (RX)**

**On-label Use**

**Extra-label Use**

- Requires original manufacturer's label and prescribing veterinarian's label.
- (VCPR) Vet relationship with the client and patient required and veterinary prescription required.

### Drugs Prohibited from Use or Storage on the Dairy

- Chloramphenicol
- Diethylstilbesterol (DES)
- Clenbuterol
- Glycopeptides
- Dipyrone
- Colloidal Silver
- Estradiol Cypionate (ECP®)
- Dimethylsulfoxide (DMSO)
- Nitroimidazoles (metronidazole, dimetridazole, ipronidazole)
- Nitrofurans (Nitrofurazone paste, Furazone spray, NFZ Puffers)



### Drugs Prohibited from Extra-label Use in Food Animals

- Fluoroquinolones (Baytril®, A-180®)
- Sulfonamides (Albon®)
- Phenylbutazone ('BUTE')
- Feed medications



(list current as of 12/1/08)

## Drug Use Classifications & Labeling Requirements

### Over the Counter (OTC)

- Purchased at farm supply stores and DO NOT contain the statement 'Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian' on the original manufacturer's label; must be used precisely according to the original manufacturer's label.

- **original manufacturers label** contains name of drug, active ingredients, directions for use, withdrawal times (even if zero), and name of manufacturer.

### Prescription (Rx)

- Purchased from veterinary clinics or animal supply catalogs by veterinarian's prescription only; the original manufacturers label contains the statement 'Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian'.

- **original manufacturers label** contains name of drug, active ingredients, directions for use, withdrawal times (even if zero), name of manufacturer, precautionary statements, and the statement 'Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian'.

- **dispensing veterinarian label** contains name of veterinarian and address of clinic.

### Extra-label Drug Use (ELDU)

- Anytime an OTC or Rx drug is used with a species, dose, route of administration (eg. IV, IM, SQ), treatment duration, or disease condition NOT on the original manufacturers label.

- **the original manufacturers label** whether OTC or Rx.

- **dispensing veterinarian label** contains name of veterinarian, address of clinic, name of the drug; species, animal, herd, flock, pen, lot, or other group ID; directions for use including dose, frequency, route of administration, and duration of treatment; veterinarian specified withdrawal times (even if zero).

## Summary of Drug Use Laws

**AMDUCA** - The Animal Medicinal Drug Use Clarification Act of 1994 allows veterinarians to prescribe extralabel uses of certain approved animal drugs and approved human drugs for animals under certain conditions. The key constraints of AMDUCA are that any extra-label use must be by or on the order of a veterinarian within the context of a VCPR, must not result in violative residues in food-producing animals, and the use must be in conformance with the implementing regulations followed by the prescribing veterinarian.

**VCPR** - A relationship between a specific veterinarian, a producer, and a specific group of animals whereby the veterinarian has a working knowledge of the number of animals, disease prevalence, typical treatment regimens, and preventative strategies sufficient to prescribe and oversee prescription and extra label drug use. A farm may have several VCPR's with different veterinarians (eg. calves, reproduction, milk quality, etc).



Minnesota Veterinary Medical Association

2950 Metro Drive, Suite 102  
Minneapolis, MN 55425  
952-854-6980 Fax: 952-854-6906

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