

# LEGISLATION COMPLIANCE IN FOOD ANIMAL MEDICINE

Under **AMDUCA and 21 CFR part 530**, the FDA places restrictions on extra label drug use (ELDU) for certain drugs in food animal medicine<sup>1</sup>

**ELDU** refers to the use of a medication in a manner **not explicitly approved**. (*i.e:* For a different species, condition, dosage, or route of administration<sup>1</sup>)

## Drugs with NO Allowable Extra-Label Uses<sup>1</sup>

- Chloramphenicol
- Clenbuterol
- Diethylstilbestrol (DES)
- Fluoroquinolone-class antibiotics (Including Enrofloxacin)
- Glycopeptides – (Including Vancomycin)
- Medicated feeds
- Nitroimidazoles – (Including Dimetridazole, Iprnidazole, Metronidazol)
- Nitrofurans – (Including Furazolidone and Nitrofurazone)

## Drugs with Restrictions in Specific Species and Situations<sup>1</sup>

- **ELDU Prohibited in all food producing animals:** Indexed drugs<sup>2</sup>
- **ELDU Prohibited in Poultry:** Adamantane & Neuraminidase Inhibitors
- **ELDU Prohibited in feed or food of all species:** Gentian violet
- **ELDU Prohibited in female dairy cattle greater than 20 months of age:** Phenylbutazone
- **ELDU Prohibited in lactating dairy cattle:** Sulfonamide-class antibiotics, except on-label use of sulfadimethoxine, sulfabromomethazine, and sulfaethoxyypyridazine.
- **Fully prohibited in Grade “A” Dairy Operations:** non-medical grade DMSO, dipyrone, and colloidal silver are prohibited

### ELDU Restrictions of Cephalosporins (except Cephapirin)

**For Cattle, Pigs, Chickens, and Turkeys, use is restricted when:**

1. The product is used for purposes other than those specified on the label (dosage, treatment duration, frequency, or administration route)
2. The product is used in non-approved species or animal classes
3. When the product is used for disease prevention.

**For all other species, ELDU is permitted**

Sources: 1) <http://www.farad.org/prohibited-and-restricted-drugs.html>, 2) <https://www.fda.gov/animal-veterinary/minor-use/minor-species/index-legally-marketed-unapproved-new-animal-drugs-minor-species>