

# Recommended Cattle Analgesic & Anesthetic Agents

| Drug                           | Dosage                                 | Per 100 lb                       | Route    | Duration of Action | Notes  |
|--------------------------------|--|----------------------------------|----------|--------------------|--|
| <b>Analgesics</b>              |  |                                  |          |                    |  |
| Phenylbutazone                 | 4 mg/kg                                | 1 gm/500 lb                      | PO or IV | 24 hours           | Once daily   |
| Flunixin (Banamine)            | 1.1 – 2.2 mg/kg                        | 0.5 - 1 ml                       | IV slow  | 24 hours           | May be divided twice daily.<br>Give for 3 days   |
| Acetylsalicylic Acid (Asprin)  | 50-100 mg/kg                           | 35 – 70 grains                   | PO       | 12 hours           | Give twice daily.<br>*Normal 1 bolus is 240 grains*  |
| Butorphanol (Torbutol)         | 20 - 30 mg total                       | Adult Cattle                     | IV       | 2-3 hours          | This is the TOTAL DOSE for Adult Cattle post-op  |
| <b>Sedatives/Tranquilizers</b> |  |                                  |          |                    |  |
| Xylazine (Rompun)              | 0.10 – 0.33 mg/kg                      | 0.05 – 0.15 ml                   | IM       |                    | Cattle can be very sensitive, Xylazine is figured based on 100 mg/ml strength bottle.<br>Do not mistake it for the 20mg/ml strength. |
|                                | 0.05 – 0.15 mg/kg                      | 0.02 – 0.06 ml                   | IV       |                    |  |
| <b>Injectable Anesthetics</b>  |  |                                  |          |                    |  |
| Xylazine (Rompun)              | 0.10 – 0.33 mg/kg<br>0.05 – 0.15 mg/kg | 0.05 – 0.15 ml<br>0.02 – 0.06 ml | IM<br>IV |                    | Cattle can be very sensitive, Xylazine is figured based on 100 mg/ml strength bottle.<br>Do not mistake it for the 20mg/ml strength. |
| Ketamine                       | 2 mg/kg                                | 0.9 ml                           | IV       |                    |  |

**Not Recommended:** Pentobarbital (Nembutal), Chlorpromazine (Thorazine), Fentanyl & Droperidol (Innovar-Vet)