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| Name of the drug  | Active Ingredient | Dosage Calculations | Route of administration | Withdrawal time | Usage |
| **Penstrep** **(Combikel 40 L.A.)** | Penicillin-Streptomycin | -Bottle concentration: **200,000iu/ml**-Dose needed:**20,000iu/kg**-Weight of animal:Approx. **100kg**Dosage used: **20,000 X 100 divided by 200,000** = **10mls** | IM | Milk- 10 daysMeat- 30 days | This is an antibiotic that was administered to the calf that was dehorned as we caused an open wound.The reason this is given Pre surgically is to allow time for the drug to reach it’s target site which would be difficult post op due to haemorrhaging. |