



Nitrate Test Kits

Livestock Feeds and Forages

Test Kits for Nitrate Toxicity

Green & Dry Forage Test Kits (NTK-GF, NTK-DF Kits)

| Form of Nitrate Reported | | Recommendation for Feeding |
|---|------------------------------------|--|
| NO ₃ -N, ppm (Nitrate-nitrogen) | NO ₃ , ppm (Nitrate) | Notes & Conversions: ppm = parts per million 1 ppm nitrate-N = 4.4 ppm nitrate = 0.61 ppm KNO ₃ 1000 ppm = 0.1% 0.075% = 750 ppm |
| Below 350 | Below 1500 | Generally considered safe for all livestock |
| 350 – 1000 | 1500 - 5000 | Limit to 50% feed for calves, and pregnant or lactating animals |
| 1000 – 2500 | 5000 – 10,000 | Limit to 25% feed. Do NOT feed to pregnant animals! |
| Above 2500 | Above 10,000 | CAUTION! Potentially deadly! Mix with low nitrate feeds or discard. |

*This chart is a compilation of data received from various sources including university agriculture programs and individual state guidelines. Please refer to your local agriculture association for the most accurate toxicity levels for your area.