



NECi's Ag NTKs

Livestock Feeds and Forages

Test Kits for Nitrate Toxicity

(LH & 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.

