



Nitrate Test Kits

Livestock Drinking Water Nitrate Toxicity Chart

Form of Nitrate Reported		Recommendations for Use
NO ₃ -N, ppm (Nitrate-nitrogen)	NO ₃ , ppm (Nitrate)	<p>Notes & Conversions: ppm = parts per million 1 ppm nitrate-N = 4.4 ppm nitrate = 0.61 ppm KNO₃</p> <p>1000 ppm = 0.1% 0.075% = 750 ppm</p>
Below 10	Below 44	Generally considered safe for all livestock.
10 - 100	44 - 440	Might cause problems for livestock, especially if feed contains more than 1000 ppm nitrate-nitrogen. Consider additive effect with nitrate in feed.
100 - 200	440 - 880	Dangerous and should not be used. General or non-specific symptoms such as poor appetite likely to develop.
Above 200	Above 880	Don't use! Acute toxicity and some death may occur.