



**NECi's Nitrate Test Kits for Agriculture [Ag-NTKs].
Tips to help you choose the right kit for your application.**

NECi, The Nitrate Elimination Company, has developed a series of nitrate testing products specifically designed for agriculture. NECi's Ag-NTKs were developed with funding from the USDA in close collaboration with crop consultants, crop scientists, extension agents, and the NRCS to help you with your nitrate testing needs.

Choose the Kit that's right for you:

- ✓ **Soil Kits (S-NTK-series)** - Make better fertilizer purchase decisions, do your own PSNT testing, track your own info to meet CAFO requirements, know your nitrogen credit.
- ✓ **Water Kits (AW-NTK-series)** - Know whether your well water is safe for livestock – and your family! Show that you're in compliance with EPA and state water quality regulations.
- ✓ **Plant Kits (P-NTK-series)** - Use to make optimal harvest and fertilization decisions.
- ✓ **Livestock Feed Kits (LF & LFH-NTK-series)** - Know whether your feed/forage is safe for animal consumption. Check for nitrate toxicity in silage, hay and pasture. Set mower height based on nitrate levels in stalks and stems.

Sample Type	NECi Kit	Testing Range	Alternate units
Soil	S-NTK	0 – 50 ppm nitrate-N	50 ppm = 300 lb/acre
Water	AW-NTK	0.5 – 10.0 ppm nitrate-N	2 - 50 ppm nitrate
Plants [petioles, stalks etc]	P-NTK	0 – 1000 ppm nitrate-N	0 – 5000 ppm nitrate
Livestock Feed	LF-NTK	0 - 2000 ppm nitrate-N	0 – 9000 ppm nitrate
Livestock Feed, high range	LFH-NTK	0 - 4000 ppm nitrate-N	0-18000 ppm nitrate

Save on fertilizer: Don't buy too much! Avoid under- and over-use of N!

Check your runoff: Stay safe and in compliance. Avoid fines!

Test crops for quality and nutrients: Maintain optimum nitrate content though the growth cycle with NECi Plant Nitrate Test Kits. Protect livestock from nitrate toxicity.

Ag-NTK's are shipped at ambient temperatures and must be stored at 72°F or colder for best results. Shelf life is 12+ months when stored in a refrigerator. Kits are stable for up to 7 days exposure to hot summer conditions, including in the back of your pick-up.

NECi's enzyme-based nitrate test kits are...

- **Fast:** Results in 30 minutes. No shipping or waiting for lab results
- **Reliable:** Accurate information you can use to make important decisions
- **Economical:** As low as \$5 per test
- **Easy-to-use:** No special skills or equipment required
- **Non-toxic, non-polluting:** Safe to use on-site, in the field or at your home office