



# SylLockUp™

## Protect Your Nitrogen Investment

SylLock™ products reduce nitrogen loss so your plants get more, the environment gets less and you get the biggest return on your fertilizer investment.

### The truth about N loss

The more nitrogen you make available to your plants, the better they will grow, so it makes sense to fertilize your crops in a way that minimizes nitrogen loss.

Volatilization occurs when urease enzymes in the soil break down the urea molecule into ammonia gas, a process that begins almost as soon as urea is applied. SylLockUp™ delays these harmful interactions, increasing the time available for plant uptake of this key nutrient.

*SylLockUp™ is part of the SylLock™ line of top-quality, cost-effective nitrogen stabilizers.*

### Proven and documented effectiveness

SylLockUp™ contains the active ingredient N-(N-Butyl) Thiophosphoric Triamide (NBPT), which reduces volatility by inhibiting the activity of the urease enzyme.

According to the International Plant Nutrition Institute (IPNI), the active ingredient in SylLockUp™ is one of only a few urease inhibitors that are non-toxic, effective at low concentrations, chemically stable and can be mixed with/ coated onto urea-based fertilizers.

In fact, studies indicate NBPT is one of the most effective inhibitors available in the last 25 years – suggesting NBPT-treated urea use may reduce ammonia loss by 50% to 90% when compared to untreated urea.

### Cost-effective and easy-to-use

- Economical per-acre protection
- Low-odour formula contains a yellow dye that makes uniform coverage/agitation simple
- Maximum flexibility to time in-field application and incorporation

### Improve your yield

Research shows that use of SylLockUp™ can improve yield by up to 12% and, as a result, drive up your profits.



**Reap the benefits. Contact us today!**

agriservices@sylvite.ca • 1-800-265-1902 • www.sylvite.ca