

Optimize Sulphur Fertility with TIGER 50CR[®] sulphur/sulphate



Water soluble nutrients, such as ammonium sulphate, can leach throughout the soil. Leaching can occur on light or sandy loam soils, with heavy rainfall events, or snow runoff. We saw this last year with the heavy rains in Southern Alberta and Manitoba. Research has shown it only takes a few inches of rain to leach soluble nutrients to lower soil levels.

What's the answer?

Tiger believes sulphur needs to be managed for optimum plant growth. Tiger's degradable sulphur fertilizers incorporated into a well balanced fertility program can provide a season long sulphur supply that minimizes losses. TIGER 50CR[®] sulphur/sulphate is a blend of ammonium sulphate and TIGER 90 CR[®] sulphur, that is designed for efficiency and is part of their "Sulphur Management Program™."

How can you be sure this works?

At Tiger, we've been producing degradable sulphur fertilizers since 1984, and producers such as Gary Bergen, for example have seen the benefits. Gary's from Waldheim, Saskatchewan. Here's what Gary has to say:

"We saw sulphur deficiencies usually showing up in the late summer when we used ammonium sulphate. When we switched to TIGER 50CR[®] sulphur/sulphate our deficiencies went away. We were able to keep the sulphur in the soil longer, and as a result our yields have gone up dramatically."

What's the science behind this?

Degradable fertilizers, a new class of elemental sulphur fertilizers, are very

different from 99.5 per cent pure elemental sulphur sources.

- Plants require sulphur in the form of sulphate. Pure elemental sulphur cannot deliver this efficiently enough to meet crop demands. The Tiger sulphur pastilles degrade into a range of very fine particle sizes, which convert more rapidly to sulphate sulphur.



John Scruten (left) pictured with Producer Dean Hobman (right) who grew 67.7 bu/acre Canola with Tiger 50CR[®] sulphur/sulphate™.

Research has shown Tiger sulphur products to be the quickest converting sulphur in its class.

- TIGER 50CR[®] sulphur/sulphate provides both sulphate and sulphur for season long sulphur supply for the crop.
- Oxidizing sulphur also generates sulphuric acid. This increases phosphate and micronutrient availability in soils with a high pH.

Tiger's recommended approach to application keeps sulphur available to the plant throughout the growing season. Elston Solberg, Senior Agri-Coach with Agri-Trend Agrology, says that

"plants need access to sulphur throughout the growing season. A plant cannot move sulphur from its older leaves into new plant growth. This is why sulphur deficiencies show up on the new growth."

Is there anything else to consider?

The only issue that we see commonly is the application of too little sulphur to meet the needs of the crop. High yielding crops need adequate sulphur supply.

John Scruten, with Blair's fertilizers in Nokomis, Sask says "Some of our best yields are from producers using TIGER 50CR[®] sulphur/sulphate at 40 to 60 lbs / acre. Last year we had yields of 67.7 bu/acre. Without a doubt the sulphur is doing its job, it's all about giving the plant what it needs in a proper balance."

Why Tiger?

Tiger's extensive knowledge on manufacturing degradable sulphur ensures you're getting the latest technology, and the

research to back it. Our ongoing research trials, combined with key customer feedback prove TIGER 50CR[®] sulphur/sulphate provides season long sulphur nutrition on every acre, every crop, every year.

TIGER 50CR[®] sulphur/sulphate Making Good Crops Better!

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