



Bio-Sul

Helping your soil feed your crops.

BIO-SUL Nutritional Sulphur

0-0-0-70

When you think about sulphur, you probably think you've got two choices:

1. Manufactured Elemental Sulphur which takes a long time to break down or
2. Ammonium Sulphate, which is bulky in seeding operations and risks seed injury or decreased seed germination.

COMPARISON	SALT INDEX
BIO-SUL	2
AMMONIUM SULPHATE	88

*depends on application rate, typical for most clients.

Now there's another choice!

A brilliant Canadian innovation in crop science, **Bio-Sul is a one-of-a-kind "nutritional" sulphur**, meaning it feeds the microbes in the soil, and is not a direct-to-plant fertilizer. It works as fast as chemical fertilizers, but lasts multiple years. It can also be **surface-applied** at any time of year, instead of going down during the stressful spring-seeding operations.

How it Works

The soil microbes consume it, and convert it to feed the plants. Because this is a biological (not chemical) process, there is no risk to the seeds. The microbes multiply and grow with the sun and rain just as your plants do, matching demand with supply.

Would I get results in the first year? Yes, for two reasons:

1. The particle sizes of Bio-Sul are widely varied (from 1 – 4000 microns); the smallest particles give 25-30% conversion in year one, and progressively larger particles are broken down more slowly, giving you great results for many years, depending on rate of application.
2. Bio-Sul contains active compost from food waste, ensuring immediate soil action.

So is it Elemental Sulphur or Sulphate? It's both. It starts out as Elemental Sulphur (70%) and compost (30%) at the surface, but the Sulphur converts to a Sulphate **before it reaches the plant**. The nutrition it provides the microbes is why it is called "Nutritional" Sulphur.

- ▶ **Most growers apply 150–300 lb/acre dependant crop rotation, plant tissues and irrigation operations.**
- ▶ **High surface-area-to-volume ratio promotes faster nutrient delivery.**

Particle Size Distribution

<2 mm: 52%
2.0-3.3mm: 36%
3.3-<4.75mm: 12%

We'll apply it for you!

The Agri-Spread Spin Spreader is more consistent and efficient than seed drill fertilizing, and can be done at any time of year.