

SULGROTM65

SPRAYABLE

A new category of agricultural sulphur

SulGroTM65 (O-O-O-65) is transforming the way North American farmers use, apply and handle sulphur as an essential crop nutrient. SulGroTM65 is the only elemental sulphur product that can match and surpass sulphate fertilizers in terms of cost and plant-availability in a variety of environmental conditions over a growing season.

Suspend everything you've been led to believe about elemental sulphur.

By micronizing elemental sulphur particles (mean <30 microns), SulGroTM65 facilitates rapid conversion to plant-available sulphates within 7-10 days of application. By suspending elemental sulphur in water, SulGroTM65 is safe to handle and store.



 SulGroTM65 can be applied spring, fall or as a foliar treatment. Sideband or in the seed row.



 SulGroTM65 converts quickly and evenly to plant-available sulphates over the growing season.

BENEFITS

- Quick conversion to plant-available sulphates (approx 7-10 days)
- Season-long source of sulphates
- 90% oxidation to plant-available sulphates in year of application
- Sulphur on your schedule
 - » Spring, fall or at foliar stage
- Outperforms in flood or drought conditions
- Safe handling and storage
 - » No dust – will not combust
- Superior particle dispersion and placement
- Safe in the seed row
 - » No ammonia toxicity
 - » No osmotic pressure
- Tank mix compatible

Sultech is committed to demonstrating product performance through Independent, multi-year, third-party, replicated field research. Trials conducted by Innotech Alberta, Alberta Agriculture & Forestry, Small Plots Inc., and New Era Ag Technologies have shown rapid and stable oxidation to plant-available sulphates throughout the growing season. Sultech's micronized elemental sulphur has been found to outperform ammonium sulphate in adverse environmental conditions.

2019 CANOLA TRIAL: ALBERTA AGRICULTURE AND FORESTRY (AVERAGE OF 5 SITES)

Trial involved five Alberta locations using a canola variety and herbicide program recommended for each specific geography. All products applied as a pre-planting spray or banded at seeding.

	YIELD (BU/A)	YIELD INCREASE OVER CONTROL	
CONTROL	27.8	—	—
SULGRO TM — SPRAY	37.5	9.7	35%
AMS — SPRAY	35.1	7.3	26%
AMS — BANDED	36.4	8.6	31%

For more information on protocols, results and final reports, please contact info@sultechglobal.com.

	SulGro™65	AMMONIUM SULPHATE (AMS)
SEASON LONG AVAILABILITY	Yes	Available 4-6 weeks
APPLICATION TIMING	Spring, fall or foliar treatment	Primarily a spring application
PLANT AVAILABILITY (AS SULPHATE)	Approximately 7-10 days	Immediate
COST	Lower cost per unit of plant-available sulphate	Higher cost per unit of plant-available sulphate
FORMULATION	Liquid formulation (water suspension)	Granule formulation – prone to absorption and caking concerns
SEED SAFETY	Absence of seed damage concerns. No risk of ammonia toxicity or osmotic pressure. Can be safely applied in the seed row for greater flexibility in precision fertilizer applications	Potential for phytotoxicity and osmotic pressure
PERFORMANCE IN STRESS CONDITIONS	Superior performance in conditions of drought or excessive moisture Environmentally stable and water insoluble - meaning less risk of leaching	Sulphates are highly prone to leaching out of the root zones in excessive moisture/flood conditions
PACKAGING	Higher concentration means less storage space SulGro™65 (0-0-0-65) is sold in totes (1.15 metric tonnes) at a 65% analysis to deliver 750 kg of micronized elemental sulphur per tote	210 kg ammoniacal nitrogen and 240 kg sulphate (450 kg total nutrients) in one metric tonne
PRODUCT SAFETY	No dust or risk of combustion	No risk of combustion Minimal dust with dust suppression coatings

About Sultech

Sultech has invented a better sulphur, for the agricultural industry. And the environment. We are the first to successfully commercialize a micronized elemental sulphur suspension. Our product, SulGro™65, has revolutionized the delivery of plant-nutrient sulphur. Sultech has an important sustainability story to tell. We're partnering with Canadian energy producers to provide a high margin, integrated, value chain opportunity – by converting sulphur into a valuable agricultural fertilizer. Sultech is changing elemental sulphur, for good!



Sulphur. Made Better. sultechglobal.com



SULGROTMMAX

Suspend everything you've been led to believe about elemental sulphur.

- SulGroMAX is available in a variety of particle ranges for use as a plant nutrient, soil amendment or as a raw material value-add.
- SulGroMAX is designed to convert from micronized elemental sulphur to plant-available sulphates within the growing season.
- SulGroMAX is wet elemental sulphur that is safe to handle and store, packaged at 11% Surface Moisture (H₂O) by weight.

PRODUCT	SPECIFICATIONS	APPEARANCE
SULGROTM85	5µ ≤ 105µ (Mean <30µ) H.S. Code 2503.00	Bright yellow powder
SULGROTM100	105µ ≤ 600µ (Mean <175µ) H.S. Code 2503.00	Bright yellow powder
SULGROTMMAX	5µ ≤ 600µ (Mean <75µ) H.S. Code 2503.00	Bright yellow powder

PACKAGING & SHIPPING

Price per kg of SulGroMAX (dry basis), CAN \$ + taxes, EXW Crossfield, AB, CANADA.
Volume discounts to be applied. Minimum order: 600 kg.

PRODUCT	PACKAGING	GROSS WEIGHT	SULPHUR WEIGHT
SULGROTM85	Flexi-tote	630 - 705 kg	600 kg
SULGROTM100	Flexi-tote	630 - 705 kg	600 kg
SULGROTMMAX	Flexi-tote	630 - 705 kg	600 kg

MICRONIZED ELEMENTAL SULPHUR SPECIFICATION

PROPERTY	SULPHUR	CARBON	ASH
Standard	≥99.9 wt%	≤0.025 wt%	≤0.05 wt%



Sultech is transforming the way micronized sulphur is used and applied.

Our Innovative solutions to the challenges faced by industry and agriculture are guided by best practices in research, manufacturing and customer service.

CONTACT SULTECH

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