

SUL4R-PLUS®

fertilizer releases plant available sulfate for a period of 60-80 days

(depending on high/low application rate)

Texas A&M Agrilife Extension Research Study

SUL4R-PLUS®

FFRTII 17FR

CONTROLLED RELEASE SULFATE

HIGH PURITY SYNTHETIC CALCIUM SULFATE

 Providing immediate and season long availability, matching the nutrient uptake of crops closer than any other sulfate on the market

AMMONIUM LIGNOSULFONATE BINDER

 Contributing to controlled release and feeding the healthy soil microbiology

SOIL AMENDMENT PROPERTIES

 Amending the soil instead of contributing to problems in both saline and compacted soils

LOW SALT INDEX (8)

· Greater seed safety benefiting soil health

HANDLING CHARACTERISTICS

 Great handling, blending and storage qualities with a dust free design





GRANULAR ANALYSIS

Calcium	21%
Sulfur	17%
рН	7-8
Granular Range (1SD) (SGN)	250 - 280
Crush Strength	8 lbs.
Uniformity Index (UI)	> 50
Bulk Density	58 - 60 lbs./cubic ft.

RATE of APPLICATION

Optimum use rate varies according to crop need. As the chart below indicates, 100 lbs. of SUL4R-PLUS® fertilizer per acre delivers 21 lbs. of Calcium and 17 lbs. of Sulfur per acre.

SUL4R-PLUS®	Calcium	Sulfur
lbs./Acre	lbs./Acre	lbs./Acre
100	21.0	17.0
200	42.0	34.0

TROLLED RELEASE SULFATE

Technology beyond traditional Sulfate

SUL4R-PLUS® fertilizer is a controlled release granular sulfate product that provides season long availability for your crops. The controlled release of plant-available sulfate allows the plant to have as much or as little as it needs during the growing season.

Soil column studies done at Texas A&M show release rates of 2 to 5 lb every 10 days for a period of 60-80 days (depending on high/low application rate), matching the nutrient uptake of the crop closer than any other sulfate product on the Canadian

Combined with a low salt index for improved seed safety; a 21% Ca -17% S analysis aiding in soil amendment; and dust-free handling and storage capabilities, SUL4R-PLUS® fertilizer will revolutionize your growing this year.

- Highly soluble granules provides immediate and season long nutrition to all crops
- Uniform feeding across wide spread pattern 20 to 30 granules per square foot (based on 100lb/acre application)
- · Nutrient releasing characteristics best mimic the crop nutrient uptake curves
- Uniform granule size ensures product blends well and spreads evenly

IC GYPSUM PROCESS





Coal Fired Power plants produce by-product through 98% reduction of SO₂ on exhaust gas

FGD GYPSUM (FLUE GAS DESUI FURIZATION)



Processed to remove impurities and capture sulfur as recovered >92% pure synthetic gypsum - CaSO₄ * 2H₂O



Granulated using SUL4R-PLUS® patented granulation system



Producing dust-free homogeneous SUL4R-PLUS® fertilizer

Applied as controlled release sulfate - feeding healthy microorganisms in the soil and feeding the crop all season long

