



## MICROEDGE SULFUR IS THE SOLUTION FOR CROP NUTRITION IN TIMES OF HIGH DEMAND

8-0-0-10S (10% Sulfur) + Biostimulant\*

Derived from: Ammonium Sulfate

\*[Biologically extracted Kelp Extract or biologically extracted Ecklonia maxima]

### HOW IT WORKS

MicroEdge® Sulfur is a sulfur source in the sulfate form providing immediate nutrients available to the crop. Sulfur is an essential nutrient for crop production, playing a crucial role in protein synthesis, nitrogen utilization, and overall plant health. It is particularly important for nitrogen fixation in soybeans and can significantly impact yield.

### PRODUCT BENEFITS

#### PROTEIN AND AMINO ACID FORMATION

- Sulfur is a key component of amino acids, which are the building blocks of proteins.
- Adequate sulfur ensures efficient protein synthesis contributing to healthy plant growth and development.
- In soybeans, sulfur is also vital for the formation of oil, which is a significant yield component.

#### NITROGEN USE EFFICIENCY

- Sulfur is essential for the plant's ability to utilize nitrogen effectively.
- It helps in the formation of enzymes and other compounds needed for nitrogen metabolism.
- In soybeans, sulfur is critical for the nodulation process, where nitrogen-fixing bacteria in root nodules convert atmospheric nitrogen into a usable form for the plant.

#### OTHER IMPORTANT FUNCTIONS

- Sulfur is involved in chlorophyll formation, which is essential for photosynthesis.
- It contributes to the overall health and vigor of the plant, helping seedlings survive in cool, moist conditions and promoting root development.
- Sulfur can improve the plant's response to nitrogen fertilizer.

### CROPS

Corn, Soybeans,  
Wheat and Cereal Grains,  
Hay, & Forages

### TIMING

Foliar Applications

### USE RATE

1-2 quarts/acre

Can be used alone or in tank mixtures. Please refer to the tank mix product label for application timing and restrictions.

### WHAT IS CropPWR® TECHNOLOGY?

CropPWR® technology is an AcreEdge® proprietary biostimulant (Biologically extracted Kelp Extract or Ecklonia maxima) designed to boost crop performance and yield potential.