



# Product Specifications

## Guaranteed Analysis

Calcium: .....	19%
Sulfur (sulfate): .....	15%
Humic acid: .....	2%
Moisture (max): .....	1%
Calcium sulfate dihydrate: .....	85%

## Average Particle Size Before Pelletizing

4-mesh: 100% passing
8-mesh: 100% passing
100-mesh: 80% passing

## Production Details

- SO4 with Humic is manufactured from mined gypsum and humic acid powder in Fort Dodge, Iowa.
- The binding agent used is calcium lignosulfonate and is a by-product of the paper milling industry.
- Production process is OMRI certified and SO4 with Humic is approved for use in organic farming.

## Pellet Physical Characteristics

Size Guide Number (SGN) Averages:

< 200:	3%
200-280:	37%
280-400:	40%
> 400:	20%

Average SGN: 300

Uniformity Index (UI): 50

Compression strength: 4.5 pound-feet (LBF)

Bulk density: 61 lbs/ft<sup>3</sup>

## Humic Product Details

- The conditions necessary for extracting humic acid from raw humic substances are not common in soils.
- Our new humic acid source is pre-extracted, meaning it will rapidly solubilize after application. It comes as a dry, soluble powder (spray dried from liquid).
- Humic acid rates should be carefully considered. Overapplication can lead to negative results. Therefore, we selected 2% humic acid delivered with a 5 lbs/1000 ft<sup>2</sup> rate (200 lbs/A) for maximum gypsum and humic acid benefit.



**21%** CALCIUM | **17%** SULFUR | **2%** HUMIC ACID  
BULK DENSITY = 61 LBS/CU FT

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