



Zinc sulfate 20

Granular Zinc Sulfate 20%

*Agrium
Advanced
Technologies
(AAT)
Zinc Sulfate 20
is a
low-analysis,
highly
water-soluble,
uniformly
granulated
zinc
fertilizer,
specifically
designed to
assist in
plant growth
and
maximizing
yield.*

Zinc functions in plant

- Essential in the synthesis of protein
- Promotes seed and grain formation
- Has a key role in plant maturity
- Required for regulation of growth and enzyme systems
- Transformation of carbohydrates
- Aids in respiration

Zinc can be deficient in

- Sandy, low organic matter, eroded soils
- High soil pH
- High levels of phosphorus or areas of high applications
- Cold, wet or poorly drained soils

Symptoms

- Interveinal chlorosis
- Shortened internodes
- With zinc being mobile in plants, oldest leaves affected first
- Formation of small leaves
- Mottling in broad leaf crops

Critical levels in plant and soil tests

- Plant Tissue: parts per million (ppm)

Critical levels at about 20-70 ppm

Corn: 20-70 ppm

Beans: 20-60 ppm

Wheat: 25-40 ppm

- Soil Test: parts per million (ppm), 0-6", Mehlich III extraction

Deficient: <1.5 ppm

Marginal: 1.5-4.0 ppm

Sufficient: >4.0 ppm





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Guaranteed Analysis Ultra Yield Zinc Sulfate 20

Zinc	20.0%
Nitrogen	2.0%
Sulfur	13.0%
Water Soluble Zn	80.0%
SGN	250
Uniforming Index	50.0%

Color: Dark Gray/Brown

AAT Ultra Yield products are treated with a superior dust coating and are uniform in size for excellent blending properties. We combine the agronomic water-solubility of sulfates with the economics of oxide materials. Agrium uses the latest technology in product manufacture. Bags are color coded for easy identification. Available in bulk, one-ton super sacks or 50# bags. Bagged product comes on non-returnable pallets with protective cardboard inserts and shrink-wrap. All Ultra Yield micronutrients have been environmentally screened for safe use.

Use **Ultra Yield Zinc Sulfate 20** for fall and pre-plant zinc deficiency prevention. **Ultra Yield Zinc Sulfate 20** is the product of choice for broadcast and band applications in a wide range of conditions.

- Highly water-soluble zinc at 80%. **Zinc Sulfate 20** exceeds university and industry standards, which have set the minimum water-solubility target between 35% and 50%.
- Crop essential sulfur at 13%. All the sulfur in **Zinc Sulfate 20** is in the immediately available form of sulfate sulfur.
- Nitrogen content of 2% provides added dollar value to **Zinc Sulfate 20** and it is in the ammonium form, which means it won't volatilize.
- **Zinc Sulfate 20** delivers 50% more granules per acre as does a 40% zinc product. Basis 5# of actual zinc per acre, **Zinc Sulfate 20** delivers nearly 520,000 granules per acre versus less than 260,000 from a 40% zinc source. More granules per acre results in more feeding sites, which provides for better nutrient uptake.

Comparison

Product	Analysis	Product Rate per Acre	Actual Nutrient per Acre			Granules per Acre
			Zinc	Sulfur	Nitrogen	
Zinc Sulf 20	20.0% Zn	25#	5.0#	3.5#	0.5#	>520K
Other	40.0% Zn	13#	5.0#	0.8#	0.3#	<260K

For more information on Zinc Sulfate 20 please contact:

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