

APPLICATION GUIDELINES

To achieve maximum yield, a soil test for zinc must be performed. When the results are in, use this information to start planning your zinc fertilization strategy.

ZINC APPLICATION (LB/ACRE)

SOIL TEST LEVEL (PPM)	VERY SENSITIVE	SENSITIVE	NON-SENSITIVE
0.00-0.30 Very Low	10	6	4
0.31-0.60 Low	8	4	3
0.61-1.00 Medium	5	2	2
1.01-2.00 High	2	0	0
2.01 + Very High	0	0	0

CROP SENSITIVE CATEGORIES

VERY SENSITIVE	YIELD GOALS	SENSITIVE	YIELD GOALS	NON-SENSITIVE	YIELD GOALS
Alfalfa.....	6 ton/A	Buckwheat.....	40 bu/A	Barley.....	80 bu/A
Corn.....	160 bu/A	Canary Seed.....	1900 lb/A	Grass.....	6 ton/A
Flax.....	25 bu/A	Canola.....	1800 lb/A	Oats.....	80 bu/A
Forage Sorghum.....	7 ton/A	Cotton.....	1000 lb/A	Rye.....	60 bu/A
Grain Sorghum.....	60 bu/A	Field Peas.....	40 bu/A	Triticale.....	60 bu/A
Navy Bean.....	1800 lb/A	Millet.....	1800 lb/A		
Pinto Bean.....	1800 lb/A	Mustard.....	1600 lb/A		
Potatoes.....	275 cwt/A	Safflower.....	1500 lb/A		
Rice.....	150 bu/A	Soybean.....	40 bu/A		
Silage Corn.....	21 ton/A	Sugar Beet.....	19 ton/A		
Sweet Corn.....	8 ton/A	Sunflower.....	1800 lb/A		
		Wheat.....	55 bu/A		

ADJUSTMENTS TO THE GUIDELINES

1. If the soil pH is less than 6.5, subtract 1 pound of zinc per acre.
If the soil pH is above 8.0, add 2 pounds of zinc per acre.
2. If Phosphorus is greater than 20 ppm, add 1 pound of zinc per acre.
3. If yield goals are less than indicated above, subtract 2 pounds of zinc per acre.
4. The band application is 1/3 the broadcast rate.
5. The minimum application rate is 2 pounds per acre.

35.5% ZINC SULFATE FORMULATION GUIDE

Lb/A Zn Required	1	2	3	4	5	6	7	8	9	10	11	12
Lb of 35.5% Zinc Sulfate	2.8	5.6	8.4	11.3	14.1	16.9	19.7	22.5	25.3	28.2	30.9	33.8