

Soil Test Level (ppm)	High Sensitive	Medium Sensitive	Non-Sensitive
	Broadcast lb/a	Broadcast lb/a	Broadcast lb/a
0.00 - 0.30 (Very Low)	10	6	4
0.31 - 0.60 (Low)	8	4	3 Trial
0.61 - 1.00 (Medium)	5	2	2 Trial
1.00 - 2.00 (High)	2	0	0
2.01 + (Very High)	0	0	0

Crop Sensitivity Categories

High Sensitive		Medium Sensitive		Non - Sensitive	
Navy Beans	1800 lb/A	Sugar Beets	19 ton/ac	Wheat	60 bu/ac
Edible Beans	1800 lb/ac	Mustard	1600 lb/ac	Barley	80 bu/ac
Pinto Beans	1800 lb/ac	Safflower	1500 lb/ac	Durum	60 bu/ac
All Potatoes	275 cwt./ac	Sunflower	1800 lb/ac	Rye	60 bu/ac
Flax	35 bu/ac	Soybeans	40 bu/ac	Oats	80 bu/ac
Sweet Corn	8 tons/ac	Millet	1800 lb/ac	Triticale	60 bu/ac
Silage Corn	21 tons/ac	Canary Seed	1900 lb/ac	Grass	6 ton/ac
Grain Corn	160 bu/ac	Field Peas	40 bu/ac	Grass Seed	500 lb/ac
Grain Sorghum	60 bu/ac	Lentils	1800 lb/ac	Canola	1800 lb/ac
Forage Sorghum	7 tons/ac	Buckwheat	40 bu/ac	Canola	36 bu/ac
Onions	400 cwt/ac	Alfalfa & Sainfoin	4 ton/ac	Grass Pasture	6 ton/ac
Carrots	400 cwt/ac	Grass/Alfalfa	4 ton/ac	Timothy	
Veg. Garden		Alfalfa/Small Grain	4 ton/ac		
Faba Beans	1800 lb/ac	Green Peas	2000 lb/ac		
Pop Corn	160 bu/ac	Lawn			
Cabbage		Clover or Trefoil	4 ton/ac		
Broccoli/Cauliflower		Crambe	2000 lb/ac		
		Chic Peas	2000 lb/ac		

Adjustments to the Guidelines

- If the soil pH is above 8.0, add 2 lb/ac to the guideline.
- If the Olsen Phosphorous test is over 30 ppm, add 1 lb/ac to the guideline.
- If the Yield goal is less than indicated above, subtract 2 lb/ac from the guideline.
- If the application is a band, divide the broadcast rate by 3.
- The minimum application: Band is 1 lb/ac, Broadcast is 2 lb/ac.

University Zinc Guidelines

Soil Test Level (ppm)	Sensitive
	Broadcast lb/a
0.00 - 0.50 (Very Low)	10
0.51 - 0.76 (Medium)	5
2.01 + (High)	0

Sensitive Crops: All Edible beans, corn, flax, all potatoes, sorghum and faba beans.
 Note: If using as starter band, U of M guide is to use 2 or 1 lb/a, respectively.