

Primary & Secondary Nutrients

Nutrient		Suggested Range lbs/acre	Suggested Range ppm
Phosphorus	P	45 - 60	22.5 - 30
Potassium	K	260 - 400	130 - 200
pH		6.2 - 6.5	6.2 - 6.5
Calcium (Sandy Soil)	Ca	>400	>200
Calcium (Silt Loam Soil)	Ca	>800	>400
Magnesium (Sandy Soil)	Mg	>65	>32
Magnesium (Silt Loam Soil)	Mg	>150	>75
Sulfur	S	22 or >	11 or >

Micronutrients

Nutrient		Suggested Range lbs /acre	Suggested Range ppm
Boron	B	1.0 - 1.5	0.5 - 0.75
Iron	Fe	4 or >	2 or >
Manganese	Mn	2 or >	1 or >
Zinc	Zn	1 or >	0.5 or >
Copper	Cu	1.0 - 2.0	0.5 to 1.0

- Values are suggested target levels for corn, soybean, and other common row crops. Target soil test levels can vary by crop and region. United Soils, Inc. recommends consultation with an agronomist familiar with your fields and production practices for input on fertilizer or lime applications.
- Micronutrient suggested ranges are based on specific extraction methods, DTPA, hot water extraction for Boron, etc. Suggestions may change based on extraction method. Analysis values using Mehlich 3 extractant will always be higher than values using DTPA extractant.