

Laboratory Analysis - North End 1

Soil pH	O.M. %	P ppm	K ppm	Ca ppm	Mg ppm	B ppm	Mn ppm	Zn ppm	S ppm	Na ppm	Sol Salt mmhos /cm	Cu ppm	Fe ppm	CEC	NO3 ppm	Al ppm
7.2	4.7	196	359	2450	504									19		

Test Interpretations - North End 1

	pH		P			K		
	Opt	High	Low	Opt	High	Low	Opt	High
Tomato	[Yellow bar]		[Yellow bar]			[Yellow bar]		
Potato	[Yellow bar]		[Green bar]			[Yellow bar]		
Onion	[Yellow bar]		[Yellow bar]			[Yellow bar]		
Lettuce	[Yellow bar]		[Yellow bar]			[Yellow bar]		

- Potato: Add 1 lb turf starter fertilizer (ex. 19-25-5) per 100 sq. ft.
- Tomato, Onion, Lettuce: Add 1/2 lb 10-10-10 fertilizer per 100 sq. ft.
- Tomato, Onion: HIGH N requirement, use 1.25 lb per 100 sq. ft. High N fertilizer (ex. 28-3-3).
- Lettuce: MEDIUM N requirement, use 2/3 lb per 100 sq. ft. of High N fertilizer (ex 28-3-3).
- SW Corn/Onions: Low Zinc, Zn < 3.1 ppm, add Zn fertilizer according to label instructions.
- Potato: HIGH N requirement, use 2/3 lb. per 100 sq. ft. High N fertilizer (ex. 28-3-3).
- Do not add large amounts of N fertilizer to tomato, peppers, and vine crops before flowering. Fertilizer applications should be made prior to working the soil or prior to rain/watering. Do NOT use fertilizer with crab grass preventer prior to seed germination. For garden plots, retest soil every 3-4 years. Please contact your County UW-Extension agency for more specific information.

Optimum Ranges

Crop	pH	P	K
Carrot, cucumber, lettuce, melon	5.8	30-50	100-200
Asparagus, beets, cabbage, pepper, pumpkin, squash, tomato	6	30-50	100-200
Sweet corn, deciduous tree	6	10-30	70-140
Onion	5.6	30-50	100-200
Pea, fruit tree, raspberry, stawberry	6	20-40	70-140
Potato	6	160-200	160-190
Snapbean	6.8	20-40	70-140
Blueberry	4.5	20-40	70-140
Conifer tree	5.8	10-30	70-140
Flower garden	6	30-50	70-140
Turf Seed	6	46-50	NA
Turf New Sod	6	31-40	61-80
Turf Established	6	16-20	61-80