

CORNELL SOIL HEALTH TEST REPORT

FARM NAME/FARMER: Brian Luton	SAMPLE ID: e950	DATE:
ADDRESS: 3540 Maykes Rd. Nedrow NY 13120	E-MAIL:	PHONE:
FIELD/TREATMENT: control	AGENT: Bob Schindelbeck, Cornell University	SLOPE: 0-2%
TILLAGE: 7-9 INCHES //	DRAINAGE: FAIR	SOIL SERIES:
CROPS: PGT/PGT/PGT //	SOIL TEXTURE: CLAY	

	INDICATORS	VALUE	RATING	CONSTRAINT	PERCENTILE RATING*
PHYSICAL	Aggregate Stability (%)	67.3	10.0		
	Available Water Capacity (m/m)	0.19	1.0	water retention	
	Surface Hardness (psi)	173	4.0		
	Subsurface Hardness (psi)	400	1.0	Subsurface Pan/Deep Compaction	
BIOLOGICAL	Organic Matter (%)	3.1	2.0	energy storage, C sequestration, water retention	
	Active Carbon (ppm)	464	1.0	soil biological activity	
	Potentially Mineralizable Nitrogen (µgN/gdwsoil/week)	11.2	7.0		
	Root Health Rating (1-9)	3.5	8.0		
CHEMICAL	pH (see CNAL Report)	7.2	10.0		
	Extractable Phosphorus (see CNAL Report)	2.5	5.0		
	Extractable Potassium (see CNAL Report)	31	2.5	plant K availability	
	Minor Elements (see CNAL Report)		10.0		
OVERALL QUALITY SCORE (OUT OF 100)			LOW	51.3	 50th Percentile → BETTER

Ratings on this report are based on generalized crop production standards for New York. For crop specific nutrient interpretation and recommendation, see the attached chemical test report.