

## CORNELL SOIL HEALTH TEST REPORT

FARM NAME/FARMER: <b>Brian Luton</b>	SAMPLE ID: e953	DATE:
ADDRESS: 3540 Maykes Rd. Nedrow NY 13120	E-MAIL:	PHONE:
FIELD/TREATMENT: tea	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*
<b>PHYSICAL</b>	Aggregate Stability (%)	66.2	10.0		
	Available Water Capacity (m/m)	0.19	2.0	water retention	
	Surface Hardness (psi)	203	1.0	rooting, water transmission	
	Subsurface Hardness (psi)	400	1.0	Subsurface Pan/Deep Compaction	
<b>BIOLOGICAL</b>	Organic Matter (%)	3.2	3.0		
	Active Carbon (ppm)	440	1.0	soil biological activity	
	Potentially Mineralizable Nitrogen (µgN/gdwsoil/week)	13.1	10.0		
	Root Health Rating (1-9)	3.6	8.0		
<b>CHEMICAL</b>	pH (see CNAL Report)	6.8	10.0		
	Extractable Phosphorus (see CNAL Report)	2.3	5.0		
	Extractable Potassium (see CNAL Report)	24	2.5	plant K availability	
	Minor Elements (see CNAL Report)		10.0		
<b>OVERALL QUALITY SCORE (OUT OF 100)</b>			<b>LOW</b>	<b>52.9</b>	

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.