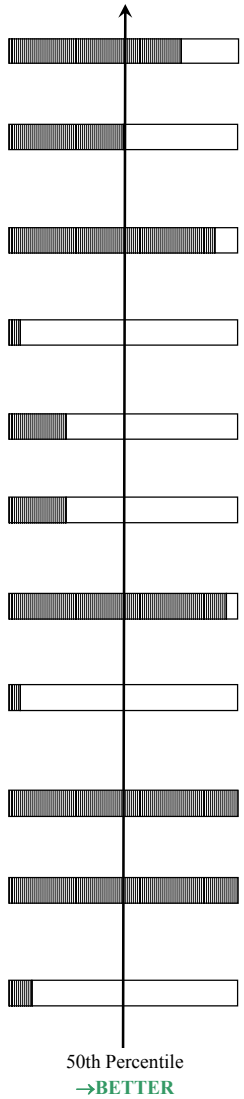
CORNELL SOIL HEALTH TEST REPORT

FARM NAME/FARMER: Brian Luton	SAMPLE ID: E514	DATE: 5/28/2007
ADDRESS: 3540 Maykes Rd. Nedrow NY 13120	E-MAIL:	PHONE:
FIELD/TREAMENT: Lower Field	AGENT: Bob Schindelbeck, Cornell University	SLOPE: 0-2%
TILLAGE: 7-9 INCHES / /	DRAINAGE: FAIR	SOIL SERIES:
CROPS: AGE/AGE/SQS / /	SOIL TEXTURE: CLAY	

	INDICATORS	VALUE	RATING	CONSTRAINT	PERCENTILE RATING*
PHYSICAL	Aggregate Stability (%)	64.9	10.0		
	Available Water Capacity (m/m)	0.19	2.0	water retention	
	Surface Hardness (psi)	70	10.0		
	Subsurface Hardness (psi)	320	1.0	Subsurface Pan/Deep Compaction	
BIOLOGICAL	Organic Matter (%)	3.5	4.0		
	Active Carbon (ppm)	638	4.0		
	Potentially Mineralizable Nitrogen (µgN/gdwsoil/week)	21.2	10.0		
	Root Health Rating (1-9)	4.0	7.0		
CHEMICAL	pH (see CNAL Report)	6.4	10.0		
	Extractable Phosphorus (see CNAL Report)	4.5	10.0		
	Extractable Potassium (see CNAL Report)	55	7.5		
	Minor Elements (see CNAL Report)		10.0		



OVERALL QUALITY SCORE (OUT OF 100)	HIGH	71.3

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.