



# CORNELL SOIL HEALTH TEST REPORT

FARM NAME/FARMER:	SARE ID:	DATE:
ADDRESS:	E-MAIL:	TEL:
FIELD/TREATMENT:	AGENT:	SLOPE:
TILLAGE: CONVENTIONAL TILLAGE	DRAINAGE:	SOIL TYPE:
CROPS: / DRY BEANS	SOIL TEXTURE: SILTY	

	INDICATORS	VALUE	RATING	CONSTRAINT	PERCENTILE RATING*
PHYSICAL	Aggregate Stability (%)	12.0	1.0	aeration, infiltration, rooting	
	Available Water Capacity (m/m)	0.16	1.0	water retention	
	Bulk Density (g/cc)	1.46	1.0	rooting, water transmission	
	Surface Hardness (psi)	179	4.0		
	Subsurface Hardness (psi)	287	3.0		
BIOLOGICAL	Organic Matter (%)	3.4	1.0	energy storage, C sequestration, water retention	
	Active Carbon (ppm)	411	1.0	soil biological activity	
	Potentially Mineralizable Nitrogen (µgN/gdwsoil/week)	2.6	1.0	N supply capacity, N leaching potential	
	Root Health Rating (1-9)	2.9	8.0		
CHEMICAL	pH (see attached CNAL Report)	6.9	10.0		
	Extractable Phosphorus (see attached CNAL Report)	9.4	10.0		
	Extractable Potassium (see attached CNAL Report)	58.5	7.5		
	Minor Elements (see attached CNAL Report)		10.0		
OVERALL QUALITY SCORE (OUT OF 100)			LOW	45.0	<div style="display: flex; justify-content: space-between; font-size: small;"> <span>Worst</span> <span>Better</span> </div> <div style="text-align: center; margin-top: 5px;"> <span>50th percentile</span> </div>