

# SOIL TEST REPORT

## RESEARCH SAMPLES

SOIL TESTING LAB    WALDRON HALL    P.O. BOX 5575    NORTH DAKOTA STATE UNIVERSITY    FARGO, ND 58105  
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**RESEARCH SAMPLES**

To: DICKINSON RESEARCH EXTENSION    Copy  
 CENTER    DOUG LANDBLUM    To:  
 1041 STATE AVE

DICKINSON    ND 58601

County: Stark  
 Date Sampled: 3/28/2008  
 Date Received: 3/31/2008  
 Date Reported: 4/1/2008

Sample Notes:

### SOIL TEST RESULTS

Lab No.	Sample I.D.#	Depth (inches)	N	P	K	pH	EC	OM	S	Zn	Fe	Mn	Cu	Cl	NH4-N ppm	Ca	Mg	Na	Ca:Mg Ratio	Exchg. Acidity	Cation Exchange Capacity	% CaCO3 Equi-valent
13283	DREC1	0 - 6	17	24	270	7.2	0.48	2.3														
13284	DREC1	6 - 24	24			2.59																
13285	DREC2	0 - 6	19	25	260	6.6	0.68	2.6														
13286	DREC2	6 - 24	12			1.63																
13287	DREC3	0 - 6	60	21	315	6.8	0.67	3.0														
13288	DREC3	6 - 24	51			0.86																
13289	DREC4	0 - 6	18	11	240	7.0	0.43	2.6														
13290	DREC4	6 - 24	9			0.43																
13291	DREC5	0 - 6	26	13	220	6.9	0.60	2.7														
13292	DREC5	6 - 24	9			1.14																
13293	DREC6	0 - 6	28	16	240	7.8	0.45	3.4														
13294	DREC6	6 - 24	9			1.78																
13295	DREC7	0 - 6	120	21	265	6.4	1.06	2.4														
13296	DREC7	6 - 24	138			0.60																
13297	DREC8	0 - 6	75	45	345	7.0	0.55	2.3														
13298	DREC8	6 - 24	99			0.66																

### SOIL TESTING METHODS

pH in water; NO3-N (lb/acre) extracted with water; OM(%) by ignition; P=Phosphorus; P (ppm) by 0.5M sodium bicarbonate; K (ppm) by IN ammonium acetate; soluble salts (EC-mmhos/cm) in 1:1 soil:water; Mn = Manganese; Zn, Fe, Mn, and Cu (ppm) by DTAP; SO4-S (lb/acre) extracted with 500ppm P as monobasic calcium phosphate; Cl (lb/acre) extracted with K2SO4. Ca = Calcium, Mg = Magnesium, Na = Sodium, Ca (ppm), Mg (ppm), Na (ppm) by IN ammonium acetate. NH4-N (ppm) and (lb/acre/depth). Exchangeable Acidity by SMP Buffer.