

# Soil Analysis Report



**Grower Code:**

**Grower:** COOPER FARMS

**Received:** 09/30/2014

**Processed:** 10/02/2014

**Field ID:** MATHIS SM PIVOT

**Test Method:** Mehlich I  
**Page 1**

Lab Number	Sample ID	P	K	Mg	Ca	pH		S	B	Zn	Mn	Fe	Cu	OM	ENR lbs/A	CEC meq/100g	% Base Saturation			
		lbs/A	lbs/A	lbs/A	lbs/A	Soil pH	Buffer pH	lbs/A	lbs/A	lbs/A	lbs/A	lbs/A	lbs/A	%			%	%	%	
710607JC	74	199 VH	268 H	300 VH	1986 VH	6.4	7.75			8.7 H	13 L					8.6	4.0	14.6	58.0	23.4
710608JC	75	257 VH	264 H	254 VH	1936 VH	6.8	7.85			13.9 VH	20 L					7.4	4.6	14.2	65.1	16.1
710609JC	76	114 A	139 M	323 VH	1268 VH	5.8	7.65			3.7 M	8 L					7.5	2.4	18.0	42.3	37.4
710610JC	77	187 VH	224 A	201 VH	1263 VH	6.8	7.85			9.2 H	11 L					5.5	5.2	15.3	57.6	21.9
710611JC	78	117 A	231 A	159 A	1228 VH	6	7.80			7.1 A	9 L					5.6	5.3	11.8	54.5	28.4
710612JC	79	116 A	100 M	143 A	840 A	5.9	7.80			6.8 A	9 L					4.4	2.9	13.5	47.5	36.2
710613JC	80	245 VH	308 H	483 VH	2611 VH	6	7.60			8.1 H	59 VH					12.1	3.3	16.6	53.8	26.4
710614JC	81	217 VH	209 A	232 VH	1578 VH	6.2	7.75			9.2 H	12 L					7.2	3.7	13.5	54.9	27.9
710615JC	82	179 VH	163 A	205 VH	1413 VH	6.5	7.90			8.2 H	11 L					5.4	3.9	15.8	65.5	14.8
710616JC	83	184 VH	207 A	222 VH	1462 VH	6.4	7.85			7.7 A	13 L					6.0	4.4	15.3	60.5	19.8

## Soil Fertility Recommendations (lbs./Acre)

\* = Maintenance Recommendation

Sample ID	Crop	Yield	Lime	Gypsum	N	P	K	Mg	S	B	Zn	Mn	Fe	Cu
			Tons/Acre		Nitrogen	Phosphate	Potash	Magnesium	Sulfur	Boron	Zinc	Manganese	Iron	Copper
74	SOYBEANS	50 BUSHELS	0.3		20	* 40	* 80					7.0		
75	SOYBEANS	50 BUSHELS			20		* 80							
76	SOYBEANS	50 BUSHELS	1.0		20	* 40	100				1.0	10.0		
77	SOYBEANS	50 BUSHELS			20	* 40	* 80					9.0		
78	SOYBEANS	50 BUSHELS	0.6		20	* 40	* 80					10.0		
79	SOYBEANS	50 BUSHELS	0.8		20	* 40	120					10.0		
80	SOYBEANS	50 BUSHELS	1.0		20		* 80							
81	SOYBEANS	50 BUSHELS	0.4		20		* 90					8.0		
82	SOYBEANS	50 BUSHELS			20	* 40	100					9.0		
83	SOYBEANS	50 BUSHELS	0.3		20	* 40	* 90					7.0		

**Comments**

NITROGEN SHOULD BE EXCLUDED IF FERTILIZER APPLICATION IS MADE MORE THAN 4 WEEKS PRIOR TO PLANTING AS NITROGEN EFFICIENCY WILL BE DIMINISHED.

L=Low M=Medium A=Adequate H=High VH=Very High