

***Madison County
Healthy Soil Initiative Monitoring 2015***

Name/Field #	Water Extract									H3A Extract	Soil Health	Biological Analysis			Management			
	Soil Slaking	Infiltration Rate 1st Inch	Infiltration Rates 2nd inch	Crop residue	Worms	Organic Matter	Solvita CO2 Burst	Organic Nitrogen, ppm N	Total Organic Carbon, ppm C	Organic Phosphorus, ppm P	Soil Health Calculation	Total Bacteria	Total Fungi	Total Fungi to total Bacteria	Previous Crop	Cover Crop	No Till	Biologicals Added
Parkinson Fld 1	2	2:13	9:12	8	1	1.1	14	6.4	94	15.6	2.53	623	232	0.37	Wheat	Yes	Yes	No
Parkinson Fld 2	1	4:26	4:41	2	1	1.2	11.1	8.7	102	15.8	2.84	1161	315	0.27	Potato	Fall Wheat	No	No
Parkinson Fld 3	9	9:31	17:02	10	1	1.4	24.2	6.4	107	14.6	3.17	853	184	0.22	Wheat	Yes	Yes	No
Parkinson Fld 4	9	1:45	4:47	5	1	1.1	23	9.2	115	16	3.92	908	155	0.17	Wheat	Yes Mustard Radish	No	No
Smith Fld 1	8	4:40	9:48	5	1	2.1	23	17.8	182	4.8	5.85	1393	814	0.58	Barley	No	No	No
Smith Fld 2	9	1:21	5:54	5	2	2.2	18.4	15.9	212	5.8	5.08	1800	984	0.55	Wheat	No	No	No
Wilcox Fld 1	9	7:48	19:26	7	2	2.2	36.4	8.6	135	40.7	4.52	1621	623	0.38	Grain	Yes	Yes	Yes
Wilcox Fld 2	1	1:54	8:09	1	1	2.1	26.4	8.0	133	31.8	3.73	812	411	0.51	Potato	No	No	Yes
Wilcox Fld 3	1	8:10	16:59	7	1	2.1	41.5	10.1	151	28.2	5.32	1354	532	0.39	Barley	Yes	Yes	Yes
Wilcox Fld 4	3	:40	4:25	5	1	2.4	33.1	11.2	169	22.1	4.99	1941	675	0.35	Wheat	No	No	Yes
Crapo Fld 1	9	1:01	21:19	5	1	2.3	16.8	16.3	153	19.9	4.95	2080	700	0.34	Wheat	No	No	No
Crapo Fld 2	8	1:31	9:49	1	1	2.0	14.6	16.1	183	6.0	4.72	1621	801	0.49	Potato	No	No	No
Jeppeson Fld 1	9	30:00+		8	1	2.0	24.2	7.8	139	26.8	3.51	1767	479	0.27	Wheat	Yes	Yes	No
Jeppeson Fld 2	9	:54	6:16	4	1	2.0	22.1	7.9	137	25.0	3.42	1388	502	0.36	Wheat	No	No	No