

**Table 4. Trial site information, 2023.**

County	Site ID	Location			System	Response		Cover				Soil Type	Drainage Class**	Soil test							
		City	Lat.	Long.		Crop	Comparison	Planting		Termination				pH	OM	P	K	Ca	Mg	S	
								Date	Rate	Date	Timing*										
Dodge								2022						%	----- ppm -----						
	DG06	Juneau	43.33924	-88.73165	Rye after corn	Soybean	Rate: 28 vs. 56		28/56		Pending	Ph	P						Pending		
	DG07	Juneau	43.33924	-88.73165	Rye after corn	Soybean	Placement		28		Pending	Ph	P						Pending		
Jefferson																			Pending		
	JF12	Jefferson	43.02968	-88.84458	Rye after soybean	Corn	Rate: 50 vs. 100	10/29	50/100	5/20	PRE	MnA	SP						Pending		
	JF13	Palmyra	42.90626	-88.57834	Rye after corn	Soybean	Term. Timing	10/29	55	5/4,5/22	PP,EP	KeB	W	7.0	1.3	78	100	1061	124	3.2	
	JF14	Palmyra	42.90482	-88.57834	Rye after corn	Soybean	Term. Timing	10/29	55	5/4,5/29	PP,LP	KeB	W	7.0	1.3	78	100	1061	124	3.2	
	JF15	Palmyra	42.9148	-88.57293	Rye after corn	Soybean	Term. Timing	10/29	55	5/4,5/22	PP,EP	KeB	W	7.2	2.1	75	159	1276	208	3.0	
	JF16	Palmyra	42.91407	-88.57263	Rye after corn	Soybean	Term. Timing	10/29	55	5/4,5/29	PP,LP	KeB	W	7.2	2.1	75	159	1276	208	3.0	
	JF17	Milford	43.11088	-88.84213	Mix after wheat	Corn	N rate: 100 vs 140	8/14	23	5/18	EP	ShB	W	5.8	1.7	42	80	866	208	2.8	
	JF18	Milford	43.11158	-88.84225	Mix after wheat	Corn	N rate: 100 vs 140	8/14	23	5/18	EP	ShB	W	5.8	1.7	42	80	866	208	2.8	
	JF19	Palmyra	42.90406	-88.58089	Rye after corn	Corn	No comparison	10/27	43	4/27	PP	KeB	W	7.1	1.5	52	104	1122	175	3.1	
	JF20	Palmyra	42.90284	-88.57945	Rye after corn	Soybean	No comparison	10/27	43	4/27	PP	KeB	W	7.0	1.5	105	117	1182	144	4.1	
Racine																					
	RC07	Rochester	42.73147	-88.22292	Rye after corn	Soybean	Rate: 50 vs. 100	12/4	50/100	5/27	PRE	FsA	W	5.9	1.9	147	192	1223	256	4.4	
	RC08	Rochester	42.72768	-88.22557	Rye after corn	Soybean	Term. Timing	12/4	50	5/18,5/27	PP, PRE	FsB	W	6.6	2.1	52	104	1501	401	4.8	
	RC09	Rochester	42.72859	-88.22557	Rye after corn	Soybean	Term. Timing	12/4	80	5/18,5/27	PP, PRE	FsB	W	6.6	2.1	52	104	1501	401	4.8	
	RC10	Kansasville	42.75354	-88.15275	Rye after corn	Soybean	Rate: 50 vs. 80	11/23	50/80	5/20	PRE	EtB	SP	6.4	5.0	53	124	3216	672	9.3	
	RC11	Waterford	42.77359	-88.15383	Rye after soybean	Corn	Rate: 40 vs. 80	12/20	40/80	6/15	LP	MgA	SP	7.1	3.3	345	249	2371	600	3.3	
	RC12	Waterford	42.77492	-88.15392	Rye after soybean	Corn	Rate: 40 vs. 80	12/20	40/80	6/15	LP	AtA	P	6.2	4.8	48	125	2429	646	6.4	
Rock																					
	RK05	Janesville	42.73366	-89.03031	Rye after corn	Soybean	Rate: 50 vs. 100	9/14	50/100	4/14	PP	PmB	W						Pending		
	RK06	Janesville	42.73126	-89.02042	Rye after soybean	Corn	Rate: 50 vs. 100	9/14	50/100	4/14	PP	PmB	W						Pending		
Walworth																					
	WW05	East Troy	42.81546	-88.4903	Rye after corn	Soybean	Term. Timing	12/3	50	5/5,6/3	PP, EP	FsA	W	6.0	2.6	56	62	1355	303	4.3	
	WW06	East Troy	42.81546	-88.4903	Rye after corn	Soybean	Term. Timing	12/3	80	5/5,6/3	PP, EP	FsA	W	6.0	2.6	56	62	1355	303	4.3	
	WW07	East Troy	42.81433	-88.48084	Rye after soybean	Corn	Term. Timing	10/30	50	5/13,5/20	PRE, EP	FsA	W	6.2	1.9	64	99	1367	178	3.2	
	WW08	East Troy	42.81442	-88.48048	Rye after soybean	Corn	Term. Timing	10/30	80	5/13,5/20	PRE, EP	FsA	W	6.2	1.9	64	99	1367	178	3.2	
	WW09	East Troy	42.81153	-88.48771	Rye after corn	Soybean	Term. Timing	12/3	55	5/5,5/23	PP, EP	FsA	W	6.1	2.3	41	108	1483	242	3.1	
	WW10	East Troy	42.81151	-88.48714	Rye after corn	Soybean	Term. Timing	12/3	55	5/5,5/30	PP, LP	FsA	W	6.1	2.3	41	108	1483	242	3.1	

\*Termination codes:

PP, preplant  
 PRE, preemergence  
 EP, early post (< 1 week)  
 LP, late post (> 1 week)

\*\* Drainage class codes

W, well drained  
 SP, somewhat poorly drained  
 P, poorly drained  
 VP, very poorly drained

N rate: In-season application rate, evaluating the N credit.