TODD COUNTY HEL SOIL DATABASE (10/2015)

SOIL SERIES	MAP SYMBOLS	SURFACE TEXTURE	Kw (K)	Kf	T factor	RUSLE R factor	USLE R factor	CRL. LS	SLOPE length RANGE	SLOPE LENGTH	% SLOPE USED	LS FACTOR	HEL DET. HE- highly erodible N - not erodible	HYDRI DET. H - hydric I - inclusions N - not hydric
Baxter	BaD	gr-sil	0.2	0.32	5	215	175	1.143	50-150	100	16	2.84	HE	N
Caneyville	CaB	sil	0.37	0.37	2	215	175	0.247	100-250	200	4	0.53	HE	N
Caneyville	CaC	sil	0.37	0.37	2	215	175	0.247	100-200	150	10	1.68	HE	N
Caneyville	CnD3	sic	0.24	0.24	1	215	175	0.190	50-150	100	16	2.84	HE	N
Caneyville-Rock outcrop	CoD					215	175		50-150	100	16	2.84	HE	N
Caneyville		sil	0.37	0.37	2	215	175	0.247						
Rock outcrop						215	175							
Crider	CrA	sil	0.37	0.37	5	215	175	0.618	100-300	200	1	0.16	N - not erodible	N
Crider	CrB	sil	0.37	0.37	5	215	175	0.618	100-400	200	4	0.528	N - not erodible	N
Crider	CrC2	sil	0.37	0.37	5	215	175	0.618	100-300	150	9	1.45	HE	N
Dam	DAM					215	175							
Dekalb-Frondorf-Rock outcrop	DkF					215	175		50-100	75	30	6.77	HE	N
Dekalb		cn-sl	0.1	0.1	2	215	175	0.914						
Frondorf		sil	0.32	0.32	2	215	175	0.286						
Rock outcrop						215	175							
Dunning	Du	sil	0.37	0.37	3	215	175	0.371	200-400	300	1	0.18	N - not erodible	H - hydric
Elk	ElA	sil	0.37	0.37	5	215	175	0.618	100-300	200	1	0.16	N - not erodible	N
Elk	ElB	sil	0.37	0.37	5	215	175	0.618	100-300	200	4	0.53	N - not erodible	N
Elk	ElC	sil	0.37	0.37	5	215	175	0.618	50-200	150	10	1.68	HE	N
Epley	EpB	sil	0.37	0.37	5	215	175	0.618	100-300	200	4	0.53	N - not erodible	N
Fredonia	FdC	sil	0.32	0.32	2	215	175	0.286	100-250	200	4	0.53	HE	N
Frondorf	FnC2	sil	0.32	0.32	2	215	175	0.286	100-250	200	10	1.94	HE	N
Frondorf	FnC3	sil	0.37	0.37	1	215	175	0.124	100-250	200	10	1.94	HE	N
Frondorf-Weikert	FwD					215	175		100-200	150	16	3.48	HE	N
Frondorf		sil	0.32	0.32	2	215	175	0.286						
Weikert		cn-sil	0.24	0.43	2	215	175	0.381						
Frondorf-Weikert	FwF					215	175		100-200	150	30	12.65	HE	N
Frondorf		sil	0.32	0.32	2	215	175	0.286						
Weikert		cn-sil	0.24	0.43	2	215	175	0.381						
Hammack-Baxter	HbB					215	175		50-300	150	4	0.47	N - not erodible	N
Hammack		sil	0.37	0.37	4	215	175	0.494	150-300					
Baxter		gr-sil	0.2	0.32	5	215	175	1.143	50-200					
Hammack-Baxter	HbC2					215	175		50-250	150	10	1.68	HE	N
Hammack		sil	0.37	0.37	4	215	175	0.494	100-250					
Baxter		cn-sil	0.2	0.32	5	215	175	1.143	50-200					

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SOIL SERIES	MAP SYMBOLS	SURFACE TEXTURE	Kw (K)	Kf	T factor	RUSLE R factor	USLE R factor	CRL. LS	SLOPE length RANGE	SLOPE LENGTH	% SLOPE USED	LS FACTOR	HEL DET. HE- highly erodible N - not erodible	HYDRI DET. H - hydric I - inclusions N - not hydric
Hammack-Baxter	HbC3					215	175		50-200	150	10	1.68	HE	N
Hammack		sicl	0.37	0.37	3	215	175	0.371	100-200					
Baxter		gr-sicl	0.17	0.37	4	215	175	1.076	50-200					
Johnsburg	Jo	sil	0.43	0.43	4	215	175	0.425	200-400	300	1	0.18	N - not erodible	N
Lawrence	La	sil	0.43	0.43	4	215	175	0.425	200-400	300	1	0.18	N - not erodible	I - inclusions
Lindside	Ln	sil	0.37	0.37	5	215	175	0.618	200-400	300	1	0.18	N - not erodible	N
Melvin	Me	sil	0.37	0.37	5	215	175	0.618	200-400	300	1	0.18	N - not erodible	H - hydric
Newark	Ne	sil	0.37	0.37	5	215	175	0.618	200-400	300	1	0.18	N - not erodible	I - inclusions
Nicholson	NhA	sil	0.37	0.37	4	215	175	0.494	100-300	300	0.5	0.14	N - not erodible	N
Nicholson	NhB	sil	0.37	0.37	4	215	175	0.494	100-300	200	4	0.53	HE	N
Nicholson	NhC2	sil	0.37	0.37	4	215	175	0.494	100-200	150	10	1.68	HE	N
Nolin	No	sil	0.32	0.32	5	215	175	0.714	200-400	300	1	0.18	N - not erodible	N
Pembroke	PmA	sil	0.37	0.37	5	215	175	0.618	200-400	300	1	0.18	N - not erodible	N
Pembroke	PmB	sil	0.37	0.37	5	215	175	0.618	200-400	300	4	0.62	HE	N
Pembroke	PmC2	sil	0.37	0.37	5	215	175	0.618	150-300	200	10	1.94	HE	N
Pits, quarries	Pt					215	175							
Riney	ReC2	l	0.28	0.28	5	215	175	0.816	100-200	150	10	1.68	HE	N
Riney	ReD2	l	0.28	0.28	5	215	175	0.816	50-150	100	16	2.84	HE	N
Riney	RmE3	gr-l	0.17	0.28	3	215	175	0.807	50-150	100	20	4.08	HE	N
Robertsville	Ro	sil	0.43	0.43	4	215	175	0.425	200-400	300	0.5	0.14	N - not erodible	H - hydric
Sadler	SaA	sil	0.43	0.43	4	215	175	0.425	100-350	250	1	0.17	N - not erodible	N
Sadler	SaB	sil	0.43	0.43	4	215	175	0.425	100-350	250	4	0.57	HE	N
Skidmore	Sk	gr-l	0.2	0.28	3	215	175	0.686	200-400	300	0.5	0.14	N - not erodible	N
Vertrees	VeC2	sicl	0.37	0.37	5	215	175	0.618	100-250	200	10	1.94	HE	N
Water	W					215	175							
Wellston	WeB	sil	0.37	0.37	3	215	175	0.371	100-250	200	4	0.53	HE	N
Wellston	WeC2	sil	0.37	0.37	5	215	175	0.618	50-200	150	9	1.45	HE	N
Wellston	WeD	sil	0.37	0.37	3	215	175	0.371	50-150	100	16	2.84	HE	N
Wellston	WlC3	sicl	0.43	0.43	2	215	175	0.213	50-200	150	10	1.68	HE	N
Wellston	WlD3	sicl	0.43	0.43	2	215	175	0.213	50-150	100	16	2.84	HE	N
Zanesville	ZaB	sil	0.43	0.43	4	215	175	0.425	100-300	200	4	0.528	HE	N
Zanesville	ZaC2	sil	0.43	0.43	4	215	175	0.425	100-250	200	10	1.94	HE	N
Zanesville	ZnC3	sicl	0.43	0.43	2	215	175	0.213	50-300	200	10	1.94	HE	N