

Table 2 Information and Acknowledgement

This table replaces Table 2 in Bulletin 810. Duplicate IL Map Symbols are in bold typeface. Use the appropriate soil type name to determine the proper productivity index.

Acknowledgement: Soil productivity indices and other required data for each Illinois soil were transferred to this web site. From 1996 to present, the Illinois crop yields estimates and productivity indices by soil type were created by a University of Illinois Urbana-Champaign, College of Agricultural, Consumer and Environmental Sciences task force of soil scientists, agronomists, crop scientists and agricultural economists under the direction of Dr. Kenneth R. Olson, Professor of Soil Science in the Department of NRES. The soil productivity indices for average management (B810) is maintained at the following NRES web site: <http://soilproductivity.nres.illinois.edu>. If you have an Illinois soil type symbol that is not in this Table or have other soil productivity questions please contact Dr. Kenneth R. Olson at the following e-mail address: krolson@illinois.edu.

Table 2**Productivity of Illinois Soils Under Average Management
Slightly Eroded, 0 to 2 Percent Slopes**

Revised January 1, 2012

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
2	Cisne silt loam	Favorable	97
3	Hoyleton silt loam	Favorable	96
4	Richview silt loam	Favorable	98
5	Blair silt loam	Unfavorable	92
6	Fishhook silt loam	Unfavorable	86
7	Atlas silt loam	Unfavorable	79
8	Hickory loam	Favorable	81
9	Sandstone rock land	Crop yield data not available	
10	Plumfield silty clay loam	Unfavorable	72
12	Wynoose silt loam	Favorable	86
13	Bluford silt loam	Favorable	90
14	Ava silt loam	Unfavorable	89
15	Parke silt loam	Favorable	97
16	Rushville silt loam	Favorable	97
17	Keomah silt loam	Favorable	105
18	Clinton silt loam	Favorable	107
19	Sylvan silt loam	Favorable	98
21	Pecatonica silt loam	Favorable	100
22	Westville silt loam	Favorable	100
23	Blount silt loam	Favorable	93
24	Dodge silt loam	Favorable	108
25	Hennepin loam	Unfavorable	80
26	Wagner silt loam	Favorable	96
27	Miami silt loam	Favorable	99
28	Jules silt loam	Favorable	108
29	Dubuque silt loam	Unfavorable	85
30	Hamburg silt loam	Favorable	95
31	Pierron silt loam	Favorable	90
34	Tallula silt loam	Favorable	116
35	Bold silt loam	Favorable	97
36	Tama silt loam	Favorable	123
37	Worthen silt loam	Favorable	126
38	Rocher loam	Favorable	96
40	Dodgeville silt loam	Favorable	92
41	Muscatine silt loam	Favorable	130
42	Papineau fine sandy loam	Favorable	91
43	Ipava silt loam	Favorable	126
44	Pella silty clay loam, bedrock substratum	Favorable	100
45	Denny silt loam	Favorable	105
46	Herrick silt loam	Favorable	118
47	Virden silt loam	Favorable	122
48	Ebbert silt loam	Favorable	111
49	Watseka loamy fine sand	Favorable	82

Table 2**Productivity of Illinois Soils Under Average Management
Slightly Eroded, 0 to 2 Percent Slopes****Revised January 1, 2012**

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
50	Virden silty clay loam	Favorable	119
51	Muscatune silt loam	Favorable	130
53	Bloomfield fine sand	Favorable	75
54	Plainfield sand	Favorable	67
55	Sidell silt loam	Favorable	117
56	Dana silt loam	Favorable	116
57	Montmorenci silt loam	Favorable	103
59	Lisbon silt loam	Favorable	121
60	La Rose silt loam	Favorable	104
61	Atterberry silt loam	Favorable	117
62	Herbert silt loam	Favorable	116
63	Blown-out land	Crop yield data not available	
64	Parr fine sandy loam	Favorable	95
67	Harpster silty clay loam	Favorable	117
68	Sable silty clay loam	Favorable	126
69	Milford silty clay loam	Favorable	113
70	Beaucoup silty clay loam	Favorable	116
71	Darwin silty clay	Favorable	98
72	Sharon silt loam	Favorable	108
73	Ross loam	Favorable	119
74	Radford silt loam	Favorable	120
75	Drury silt loam	Favorable	112
76	Otter silt loam	Favorable	123
77	Huntsville silt loam	Favorable	127
78	Arenzville silt loam	Favorable	115
79	Menfro silt loam	Favorable	106
81	Littleton silt loam	Favorable	126
82	Millington loam	Favorable	111
83	Wabash silty clay	Favorable	103
84	Okaw silt loam	Favorable	85
85	Jacob clay	Favorable	73
86	Oско silt loam	Favorable	125
87	Dickinson sandy loam	Favorable	92
88	Sparta loamy sand	Favorable	81
89	Maumee fine sandy loam	Favorable	83
90	Bethalto silt loam	Favorable	118
91	Swygert silty clay loam	Unfavorable	104
92	Sarpy sand	Favorable	74
93	Rodman gravelly loam	Unfavorable	74
94	Limestone rock land	Crop yield data not available	
95	Shale rock land	Crop yield data not available	
96	Eden silty clay loam	Unfavorable	72
97	Houghton peat	Favorable	107
98	Ade loamy fine sand	Favorable	91
99	Sandstone and limestone roc	Crop yield data not available	

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IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
100	Palms muck	Favorable	104
101	Brenton silt loam, bedrock substratum	Favorable	111
102	La Hogue loam	Favorable	107
103	Houghton muck	Favorable	115
104	Virgil silt loam	Favorable	117
105	Batavia silt loam	Favorable	114
106	Hitt sandy loam	Favorable	100
107	Sawmill silty clay loam	Favorable	123
108	Bonnie silt loam	Favorable	98
109	Raccoon silt loam	Favorable	94
111	Rubio silt loam	Favorable	101
112	Cowden silt loam	Favorable	103
113	Oconee silt loam	Favorable	105
114	O'Fallon silt loam	Unfavorable	89
115	Dockery silt loam	Favorable	114
116	Whitson silt loam	Favorable	103
119	Elco silt loam	Favorable	99
120	Huey silt loam	Unfavorable	79
122	Colp silt loam	Unfavorable	87
123	Riverwash	Crop yield data not available	
124	Beaucoup gravelly clay loam	Favorable	116
125	Selma loam	Favorable	114
126	Bonpas silt loam, overwash	Favorable	117
127	Harrison silt loam	Favorable	115
128	Douglas silt loam	Favorable	112
131	Alvin fine sandy loam	Favorable	98
132	Starks silt loam	Favorable	106
134	Camden silt loam	Favorable	106
136	Brooklyn silt loam	Favorable	99
137	Clare silt loam, bedrock substratum	Favorable	113
138	Shiloh silty clay loam	Favorable	115
138+	Shiloh silt loam, overwash	Favorable	111
141	Wesley fine sandy loam	Favorable	100
142	Patton silty clay loam	Favorable	117
145	Saybrook silt loam	Favorable	117
146	Elliott silt loam	Favorable	111
147	Clarence silty clay loam	Unfavorable	95
148	Proctor silt loam	Favorable	120
149	Brenton silt loam	Favorable	125

Table 2

Productivity of Illinois Soils Under Average Management Slightly Eroded, 0 to 2 Percent Slopes

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IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
150	Onarga sandy loam	Favorable	97
151	Ridgeville fine sandy loam	Favorable	101
152	Drummer silty clay loam	Favorable	127
153	Pella silty clay loam	Favorable	120
154	Flanagan silt loam	Favorable	127
155	Stockland loam	Unfavorable	82
157	Symerton loam	Favorable	114
159	Pilot silt loam	Favorable	106
162	Gorham silty clay loam	Favorable	115
164	Stoy silt loam	Favorable	96
165	Weir silt loam	Favorable	94
166	Cohoctah loam	Favorable	118
167	Lukin silt loam	Favorable	96
171	Catlin silt loam	Favorable	122
172	Hoopeston sandy loam	Favorable	97
173	McGary silt loam	Unfavorable	89
174	Chaseburg silt loam	Favorable	107
175	Lamont fine sandy loam	Favorable	86
176	Marissa silt loam	Favorable	109
178	Ruark fine sandy loam	Favorable	88
179	Minneiska loam	Favorable	92
180	Dupo silt loam	Favorable	116
182	Peotone mucky silty clay loam, marl substratum	Favorable	106
183	Shaffton loam	Favorable	102
184	Roby fine sandy loam	Favorable	98
188	Beardstown loam	Favorable	100
189	Martinton silt loam	Favorable	115
191	Knight silt loam	Favorable	107
192	Del Rey silt loam	Favorable	100
193	Mayville silt loam	Favorable	98
194	Morley silt loam	Favorable	92
197	Troxel silt loam	Favorable	124
198	Elburn silt loam	Favorable	127
199	Plano silt loam	Favorable	126

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IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
200	Orio sandy loam	Favorable	97
201	Gilford fine sandy loam	Favorable	98
204	Ayr sandy loam	Favorable	96
205	Metea silt loam	Favorable	86
206	Thorp silt loam	Favorable	112
208	Sexton silt loam	Favorable	102
210	Lena muck	Favorable	111
212	Thebes silt loam	Favorable	98
213	Normal silt loam	Favorable	118
214	Hosmer silt loam	Unfavorable	93
216	Stokey silt loam	Favorable	102
217	Twomile silt loam	Favorable	93
218	Newberry silt loam	Favorable	101
219	Millbrook silt loam	Favorable	114
221	Parr silt loam	Favorable	105
223	Varna silt loam	Favorable	103
224	Strawn silt loam	Favorable	93
225	Holton silt loam	Favorable	89
226	Wirt silt loam	Favorable	94
227	Argyle silt loam	Favorable	108
228	Nappanee silt loam	Unfavorable	78
229	Monee silt loam	Favorable	88
230	Rowe silty clay	Favorable	98
231	Evansville silt loam	Favorable	114
232	Ashkum silty clay loam	Favorable	112
233	Birkbeck silt loam	Favorable	108
234	Sunbury silt loam	Favorable	116
235	Bryce silty clay	Favorable	107
236	Sabina silt loam	Favorable	108
238	Rantoul silty clay	Favorable	96
239	Dorchester silt loam	Favorable	113
240	Plattville silt loam	Favorable	106
241	Chatsworth silt loam	Unfavorable	69
242	Kendall silt loam	Favorable	110
243	St. Charles silt loam	Favorable	108
244	Hartsburg silty clay loam	Favorable	119
248	McFain silty clay	Favorable	105
249	Edinburg silty clay loam	Favorable	112

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IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
250	Velma loam	Favorable	100
252	Harvel silty clay loam	Favorable	111
256	Pana silt loam	Favorable	102
257	Clarksdale silt loam	Favorable	114
258	Sicity silt loam	Favorable	110
259	Assumption silt loam	Favorable	106
261	Niota silt loam	Favorable	87
262	Denrock silt loam	Favorable	102
264	El Dara silt loam	Favorable	89
265	Lomax loam	Favorable	102
266	Disco sandy loam	Favorable	96
267	Caseyville silt loam	Favorable	112
268	Mt. Carroll silt loam	Favorable	119
270	Stronghurst silt loam, sandy substratum	Favorable	111
271	Timula silt loam	Favorable	100
272	Edgington silt loam	Favorable	109
274	Seaton silt loam	Favorable	106
275	Joy silt loam	Favorable	127
277	Port Byron silt loam	Favorable	127
278	Stronghurst silt loam	Favorable	111
279	Rozetta silt loam	Favorable	106
280	Fayette silt loam	Favorable	108
282	Chute fine sand	Favorable	66
283	Downsouth silt loam	Favorable	120
284	Tice silty clay loam	Favorable	118
285	Carmi loam	Favorable	95
286	Carmi sandy loam	Favorable	94
287	Chauncey silt loam	Favorable	105
288	Petrolia silty clay loam	Favorable	103
290	Warsaw silt loam	Favorable	105
291	Xenia silt loam	Favorable	104
292	Wallkill silt loam	Favorable	109
293	Andres silt loam	Favorable	120
294	Symerton silt loam	Favorable	116
295	Mokena silt loam	Favorable	111
296	Washtenaw silt loam	Favorable	116
297	Ringwood silt loam	Favorable	115
298	Beecher silt loam	Favorable	101

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IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
300	Westland clay loam	Favorable	107
301	Grantsburg silt loam	Unfavorable	90
302	Ambraw clay loam	Favorable	101
304	Landes fine sandy loam	Favorable	89
306	Allison silty clay loam	Favorable	120
307	Iona silt loam	Favorable	105
308	Alford silt loam	Favorable	107
310	McHenry silt loam	Favorable	101
311	Ritchey silt loam	Unfavorable	74
312	Edwards muck	Favorable	97
313	Rodman loam	Unfavorable	74
314	Joliet silty clay loam	Favorable	87
315	Channahon silt loam	Unfavorable	71
316	Romeo silt loam	Unfavorable	43
317	Millsdale silty clay loam	Favorable	97
318	Lorenzo loam	Unfavorable	93
319	Aurelius muck	Favorable	85
320	Frankfort silt loam	Unfavorable	90
321	Du Page silt loam	Favorable	111
322	Russell silt loam	Favorable	103
323	Casco silt loam	Unfavorable	91
324	Ripon silt loam	Favorable	98
325	Dresden silt loam	Favorable	102
326	Homer silt loam	Favorable	101
327	Fox silt loam	Favorable	96
328	Holly silt loam	Favorable	96
329	Will silty clay loam	Favorable	115
330	Peotone silty clay loam	Favorable	108
331	Haymond silt loam	Favorable	117
332	Billett sandy loam	Favorable	88
333	Wakeland silt loam	Favorable	114
334	Birds silt loam	Favorable	103
335	Robbs silt loam	Favorable	92
336	Wilbur silt loam	Favorable	113
337	Creal silt loam	Favorable	98
338	Hurst silt loam	Unfavorable	88
339	Wellston silt loam	Unfavorable	80
340	Zanesville silt loam	Unfavorable	84
341	Ambraw silty clay loam, sandy su	Favorable	101
342	Matherton silt loam	Favorable	101
343	Kane silt loam	Favorable	110
344	Harvard silt loam	Favorable	111
345	Elvers silt loam	Favorable	104
346	Dowagiac silt loam	Favorable	99
347	Canisteo silt loam	Favorable	111
348	Wingate silt loam	Favorable	107
349	Zumbro sandy loam	Favorable	87

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IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
350	Drummer silty clay loam, gravelly substratum	Favorable	122
351	Elburn silt loam, gravelly substratum	Favorable	120
352	Palms silty clay loam, overwash	Favorable	112
353	Toronto silt loam	Favorable	114
354	Hononegah loamy coarse sand	Favorable	74
355	Binghampton sandy loam	Favorable	93
356	Elpaso silty clay loam	Favorable	127
357	Vanpetten loam	Favorable	94
359	Fayette silt loam, till substratum	Favorable	105
360	Slacwater silt loam	Favorable	100
361	Kidder silt loam	Favorable	91
362	Whitaker variant loam	Favorable	105
363	Griswold loam	Favorable	103
365	Aptakisic silt loam	Favorable	102
366	Alganssee fine sandy loam	Favorable	83
367	Beach sand	Crop yield data not available	
368	Raveenwash silty clay loam	Favorable	95
369	Waupecan silt loam	Favorable	123
370	Saylesville silt loam	Favorable	94
371	St. Charles silt loam, sandy substratum	Favorable	100
372	Kendall silt loam, sandy substratum	Favorable	104
373	Camden silt loam, sandy substratum	Favorable	96
374	Proctor silt loam, sandy substratum	Favorable	108
375	Rutland silt loam	Favorable	118
376	Cisne silt loam, bench	Favorable	97
377	Hoyleton silt loam, bench	Favorable	96
378	Lanier fine sandy loam	Favorable	72
379	Dakota silt loam	Favorable	99
380	Fieldon silt loam	Favorable	101
381	Craigmile sandy loam	Favorable	102
382	Belknap silt loam	Favorable	104
383	Newvienna silt loam	Favorable	119
384	Edwardsville silt loam	Favorable	124
385	Mascoutah silty clay loam	Favorable	125
386	Downs silt loam	Favorable	119
387	Ockley silt loam	Favorable	102
388	Wenona silt loam	Favorable	114
389	Hesch loamy sand, shallow variant	Unfavorable	50
390	Hesch fine sandy loam	Unfavorable	89
391	Blake silty clay loam	Favorable	103
392	Urban land, loamy Orthents complex	Crop yield data not available	
393	Marseilles silt loam, gravelly substratum	Unfavorable	96
394	Haynie silt loam	Favorable	105
395	Ceresco loam	Favorable	104
396	Vesser silt loam	Favorable	109
397	Boone loamy fine sand	Unfavorable	61
398	Wea silt loam	Favorable	115

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IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
400	Calco silty clay loam	Favorable	121
401	Okaw silty clay loam	Favorable	78
402	Colo silty clay loam	Favorable	122
403	Elizabeth silt loam	Unfavorable	54
404	Titus silty clay loam	Favorable	104
405	Zook silty clay	Favorable	103
406	Paxico silt loam	Favorable	106
407	Udifluvents, loamy	Crop yield data not available	
408	Aquents, loamy	Crop yield data not available	
409	Aquents, clayey	Crop yield data not available	
410	Woodbine silt loam	Favorable	87
411	Ashdale silt loam	Favorable	110
412	Ogle silt loam	Favorable	116
413	Gale silt loam	Favorable	89
414	Myrtle silt loam	Favorable	110
415	Orion silt loam	Favorable	116
416	Durand silt loam	Favorable	112
417	Derinda silt loam	Unfavorable	84
418	Schapville silt loam	Unfavorable	94
419	Flagg silt loam	Favorable	106
420	Piopolis silty clay loam	Favorable	95
421	Kell silt loam	Favorable	83
422	Cape silty clay loam	Favorable	91
423	Millstadt silt loam	Favorable	97
424	Shoals silt loam	Favorable	113
425	Muskingum stony silt loam	Unfavorable	61
426	Karnak silty clay	Favorable	89
427	Burnside silt loam	Favorable	85
428	Coffeen silt loam	Favorable	117
429	Palsgrove silt loam	Favorable	92
430	Raddle silt loam	Favorable	122
431	Genesee silt loam	Favorable	111
432	Geff silt loam	Favorable	97
433	Floraville silt loam	Favorable	90
434	Ridgway silt loam	Favorable	104
435	Streator silty clay loam	Favorable	116
436	Meadowbank silt loam	Favorable	121
437	Redbud silt loam	Favorable	101
438	Aviston silt loam	Favorable	121
439	Jasper silt loam, sandy substratum	Favorable	104
440	Jasper silt loam	Favorable	115
441	Wakenda silt loam	Favorable	123
442	Mundelein silt loam	Favorable	123
443	Barrington silt loam	Favorable	115
445	Newhaven loam	Favorable	111
446	Springerton loam	Favorable	117
447	Canisteo silt loam, sandy substratum	Favorable	105
448	Mona silt loam	Favorable	104
449	Amiesburg - Sarpy complex	Favorable	100

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IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
450	Brouillett silt loam	Favorable	118
451	Lawson silt loam	Favorable	124
452	Riley silty clay loam	Favorable	112
453	Muren silt loam	Favorable	105
454	Iva silt loam	Favorable	110
455	Mixed alluvial land	Crop yield data not available	
456	Ware silt loam	Favorable	104
457	Booker silty clay	Favorable	79
458	Fayette silt loam, sandy substratum	Favorable	104
459	Tama silt loam, sandy substratum	Favorable	120
460	Ginat silt loam	Favorable	95
461	Weinbach silt loam	Favorable	93
462	Sciotoville silt loam	Favorable	93
463	Wheeling silt loam	Favorable	96
464	Walkkill silty clay loam	Favorable	97
465	Montgomery silty clay loam	Favorable	98
466	Bartelso silt loam	Favorable	112
467	Markland silt loam	Unfavorable	93
468	Lakaskia silt loam	Favorable	107
469	Emma silty clay loam	Favorable	98
470	Keller silt loam	Unfavorable	101
471	Clarksville cherty silt loam	Unfavorable	54
472	Baylis silt loam	Favorable	96
473	Rosburg loam	Favorable	117
474	Piasa silt loam	Unfavorable	92
475	Elsah cherty silt loam	Favorable	97
476	Biddle silt loam	Unfavorable	103
477	Winfield silt loam	Favorable	105
479	Aurelius muck, sandy substratum	Favorable	92
480	Moundprairie silty clay loam	Favorable	103
481	Raub silt loam	Favorable	119
482	Uniontown silt loam	Favorable	104
483	Henshaw silt loam	Favorable	104
484	Harco silt loam	Favorable	124
485	Richwood silt loam	Favorable	120
486	Bertrand silt loam	Favorable	101
487	Joyce silt loam	Favorable	117
488	Hooppole loam	Favorable	107
489	Hurst silt loam, sandy substratum	Unfavorable	83
490	Odell silt loam	Favorable	114
491	Ruma silt loam	Favorable	103
492	Normandy silt loam	Favorable	109
493	Bonfield silt loam	Favorable	108
494	Kankakee fine sandy loam	Favorable	102
495	Corwin silt loam	Favorable	108
496	Fincastle silt loam	Favorable	107
499	Fella silty clay loam	Favorable	119

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IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
501	Morocco fine sand	Favorable	77
503	Rockton loam	Favorable	90
504	Sogn silt loam	Unfavorable	54
505	Dunbarton silt loam	Unfavorable	66
506	Hitt silt loam	Favorable	105
508	Selma loam, bedrock substratum	Favorable	112
509	Whalan loam	Favorable	79
511	Dunbarton silt loam, cherty variant	Unfavorable	53
512	Danabrook silt loam	Favorable	122
513	Granby loamy sand	Favorable	96
515	Bunkum silty clay loam	Favorable	98
516	Faxon clay loam	Favorable	102
517	Marine silt loam	Favorable	92
518	Rend silt loam	Unfavorable	93
523	Dunham silty clay loam	Favorable	117
524	Zipp silty clay loam	Favorable	91
525	Joslin loam, bedrock substratum	Unfavorable	84
526	Grundelein silt loam	Favorable	122
527	Kidami silt loam	Favorable	102
528	Lahoguess loam	Favorable	111
529	Selma loam	Favorable	107
530	Ozaukee silt loam	Favorable	96
531	Markham silt loam	Favorable	101
533	Urban land	Crop yield data not available	
534	Urban land, clayey Orthents complex	Crop yield data not available	
535	Orthents, stony	Crop yield data not available	
536	Dumps, mine	Crop yield data not available	
537	Hesch fine sandy loam, gray subsoil variant	Unfavorable	99
538	Emery silt loam	Favorable	112
539	Wenona silt loam, loamy substratum	Favorable	116
540	Frankville silt loam	Favorable	86
541	Graymont silt loam	Favorable	119
542	Rooks silt loam	Favorable	122
543	Piscasaw silt loam	Favorable	108
544	Torox silt loam	Favorable	109
545	Windere silt loam	Favorable	112
546	Keltner silt loam	Favorable	104
547	Eleroy silt loam	Favorable	93
548	Marseilles silt loam, moderately wet	Unfavorable	94
549	Marseilles silt loam	Unfavorable	94

Table 2**Productivity of Illinois Soils Under Average Management
Slightly Eroded, 0 to 2 Percent Slopes**

Revised January 1, 2012

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
551	Gosport silt loam	Unfavorable	75
552	Drummer silty clay loam, till substratum	Favorable	120
553	Bryce-Calamine variant complex	Favorable	103
554	Kernan silt loam	Favorable	100
555	Shadeland silt loam	Favorable	85
556	High Gap loam	Unfavorable	84
557	Millstream silt loam	Favorable	115
558	Breeds silty clay loam	Favorable	105
559	Lindley loam	Favorable	83
560	St. Clair silt loam	Unfavorable	83
561	Whalan and NewGlarus silt loams	Favorable	85
562	Port Byron silt loam, sandy substratum	Favorable	115
563	Seaton silt loam, sandy substratum	Favorable	101
564	Waukegan silt loam	Favorable	106
565	Tell silt loam	Favorable	99
566	Rockton and Dodgeville soils	Favorable	91
567	Elkhart silt loam	Favorable	111
568	Niota silty clay loam, clayey subsurface variant	Favorable	78
569	Medary silty clay loam	Favorable	76
570	Martinsville silt loam	Favorable	101
571	Whitaker silt loam	Favorable	106
572	Loran silt loam	Favorable	107
573	Tuscola loam	Favorable	90
574	Ogle silt loam, silt loam subsoil variant	Favorable	102
575	Joy silt loam, sandy substratum	Favorable	119
576	Zwingle silt loam	Favorable	94
577	Terrace escarpment	Crop yield data not available	
578	Dorchester silt loam, cobbly substratum	Favorable	93
579	Beavercreek loam	Unfavorable	75
580	Fayette silty clay loam, karst	Favorable	96
581	Tamalco silt loam	Unfavorable	82
582	Homen silt loam	Favorable	96
583	Pike silt loam	Favorable	103
584	Grantfork silty clay loam	Unfavorable	77
585	Negley loam	Favorable	90
586	Nokomis silt loam	Favorable	100
587	Terril loam	Favorable	116
588	Sparta loamy sand, loamy substratum	Favorable	83
589	Bowdre silty clay	Favorable	98
590	Cairo silty clay	Favorable	105
591	Fulfs silty clay	Favorable	102
592	Nameoki silty clay	Favorable	106
593	Chautauqua silty clay loam	Favorable	106
594	Reddick silty clay loam	Favorable	115
595	Coot loam	Favorable	97
596	Marbletown silt loam	Favorable	115
597	Armiesburg silty clay loam	Favorable	117
598	Bedford silt loam	Favorable	83
599	Baxter cherty silt loam	Favorable	73

Table 2**Productivity of Illinois Soils Under Average Management
Slightly Eroded, 0 to 2 Percent Slopes****Revised January 1, 2012**

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
600	Huntington silt loam	Favorable	122
601	Nolin silty clay loam	Favorable	102
602	Newark silty clay loam	Favorable	92
603	Blackoar silt loam	Favorable	116
604	Sandy alluvial land	Crop yield data not available	
605	Ursa silt loam	Unfavorable	76
606	Goss gravelly silt loam	Unfavorable	58
607	Monterey silty clay loam	Favorable	114
608	Mudhen clay loam	Favorable	95
609	Crane silt loam	Favorable	110
610	Tallmadge sandy loam	Favorable	109
611	Sepo silty clay loam	Favorable	114
613	Oskaloosa silt loam	Favorable	92
614	Chenoa silt loam	Favorable	114
615	Vanmeter silty clay loam	Favorable	69
618	Senachwine silt loam	Favorable	95
619	Parkville silty clay	Favorable	110
620	Darmstadt silt loam	Unfavorable	82
621	Coulterville silt loam	Unfavorable	98
622	Wyanet silt loam	Favorable	106
623	Kishwaukee silt loam	Favorable	119
624	Caprell silt loam	Favorable	101
625	Geryune silt loam	Favorable	121
626	Kish loam	Favorable	110
627	Miami fine sandy loam	Favorable	92
628	Lax silt loam	Favorable	81
629	Crider silt loam	Favorable	100
630	Navlys silty clay loam	Favorable	92
631	Princeton fine sandy loam	Favorable	96
632	Copperas silty clay loam	Favorable	107
633	Traer silt loam	Favorable	104
634	Blyton silt loam	Favorable	112
635	Lismod silt loam	Favorable	122
636	Parmod silt loam	Favorable	110
637	Muskego silty clay loam, overwash	Favorable	113
638	Muskego muck	Favorable	110
639	Wynoose silt loam, bench	Favorable	84
640	Bluford silt loam, bench	Favorable	90
641	Quiver silty clay loam	Favorable	93
644	Rennselaer loam	Favorable	98
646	Fluvaquents, loamy	Crop yield data not available	
647	Lawler loam	Favorable	104
648	Clyde clay loam	Favorable	123
649	Nachusa silt loam	Favorable	121

Table 2

Productivity of Illinois Soils Under Average Management Slightly Eroded, 0 to 2 Percent Slopes

Revised January 1, 2012

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
650	Prairieville silt loam	Favorable	116
651	Keswick loam	Favorable	74
652	Passport silt loam	Favorable	84
654	Moline silty clay	Favorable	98
655	Ursa silt loam, moderately wet	Unfavorable	78
656	Octagon silt loam	Favorable	104
657	Burksville silt loam	Favorable	95
658	Sonsac very cobbly silt loam	Unfavorable	71
660	Coatsburg silt loam	Unfavorable	86
661	Atkinson loam	Favorable	100
662	Barony silt loam	Favorable	111
663	Clare silt loam	Favorable	118
665	Stonelick fine sandy loam	Favorable	91
667	Kaneville silt loam	Favorable	113
668	Somonauk silt loam	Favorable	104
669	Saffell gravelly sandy loam	Unfavorable	71
670	Aholt silty clay	Favorable	81
671	Biggsville silt loam	Favorable	126
672	Crescent loam	Favorable	104
673	Onarga fine sandy loam, till substratum	Favorable	98
674	Dozaville silt loam	Favorable	121
675	Greenbush silt loam	Favorable	119
678	Mannon silt loam	Favorable	118
679	Blackberry silt loam	Favorable	126
680	Campton silt loam	Favorable	105
681	Dubuque-Orthents-Fayette complex	Crop yield data not available	
682	Medway silty clay loam	Favorable	116
683	Lawndale silt loam	Favorable	127
684	Broadwell silt loam	Favorable	122
685	Middletown silt loam	Favorable	103
686	Parkway silt loam	Favorable	122
687	Penfield loam	Favorable	115
688	Braidwood loam	Unfavorable	76
689	Coloma loamy sand	Favorable	67
690	Brookside stony silty clay loam	Unfavorable	82
691	Beasley silt loam	Favorable	75
692	Menfro - Wellston silt loams	Favorable	95
694	Menfro - Baxter complex	Favorable	94
695	Fosterburg silt loam	Favorable	110
696	Zurich silt loam	Favorable	105
697	Wauconda silt loam	Favorable	117
698	Grays silt loam	Favorable	110
699	Timewell silt loam	Favorable	122

Table 2**Productivity of Illinois Soils Under Average Management
Slightly Eroded, 0 to 2 Percent Slopes****Revised January 1, 2012**

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
700	Westmore silt loam	Favorable	87
701	Menfro - Hickory silt loams	Favorable	97
702	Ruma - Hickory silt loams	Favorable	95
703	Pierron - Burksville silt loams	Favorable	93
705	Buckhart silt loam	Favorable	126
706	Boyer sandy loam	Favorable	88
709	Osceola silt loam	Favorable	101
711	Hatfield silt loam	Favorable	100
712	Spaulding silty clay loam	Favorable	118
713	Judyville fine sandy loam	Unfavorable	57
715	Arrowsmith silt loam	Favorable	124
717	Stockey - Clarksville complex	Favorable	84
718	Marsh	Crop yield data not available	
720	Aetna silt loam	Favorable	118
721	Drummer and Elpaso silty clay loams	Favorable	127
722	Drummer - Milford silty clay loams	Favorable	121
723	Reesville silt loam	Favorable	110
724	Rozetta-Elco silt loams	Favorable	103
725	Otter-Lawson silt loams	Favorable	123
726	Elburn silt loam, sandy substratum	Favorable	120
727	Waukee loam	Favorable	97
728	Winnebago silt loam	Favorable	108
730	Bethesda channery silty clay loam	Crop yield data not available	
731	Nasset silt loam	Favorable	100
732	Appleriver silt loam	Favorable	93
737	Tama silt loam, sandy substratum	Favorable	123
738	Milton silt loam	Unfavorable	57
739	Milton silt loam	Unfavorable	57
740	Darroch silt loam	Favorable	114
741	Oakville fine sand	Favorable	73
742	Dickinson sandy loam, loamy substratum	Favorable	95
743	Ridott silt loam	Favorable	99
745	Shullsburg silt loam	Unfavorable	100
746	Calamine silt loam	Favorable	97
747	Milford silty clay loams	Favorable	113
748	Plano silt loam, sandy substratum	Favorable	119
749	Buckhart silt loam, till substratum	Favorable	126

Table 2**Productivity of Illinois Soils Under Average Management
Slightly Eroded, 0 to 2 Percent Slopes**

Revised January 1, 2012

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
750	Skelton fine sandy loam	Favorable	93
751	Crawleyville loam	Favorable	94
752	Oneco silt loam	Favorable	97
753	Massbach silt loam	Favorable	98
754	Fairpoint gravelly clay loam	Crop yield data not available	
755	Lamoille silt loam	Favorable	75
756	Wyanet fine sandy loam	Favorable	101
757	Senachwine fine sandy loam	Favorable	90
759	Udolpho loam, sandy substratum	Favorable	90
760	Marshan loam, sandy substratum	Favorable	109
761	Eleva sandy loam	Unfavorable	76
763	Joslin silt loam	Favorable	115
764	Coyne fine sandy loam	Favorable	93
765	Trempealeau silt loam	Favorable	100
766	Lamartine silt loam	Favorable	118
767	Prophetstown silt loam	Favorable	122
768	Backbone loamy sand	Favorable	77
769	Edmund silt loam	Unfavorable	79
770	Udolpho loam	Favorable	91
771	Hayfield loam	Favorable	100
772	Marshan loam	Favorable	110
774	Saude loam	Favorable	96
776	Comfrey clay loam	Favorable	122
777	Adrian muck	Favorable	97
779	Chelsea loamy fine sand	Favorable	68
780	Grellton sandy loam	Favorable	93
781	Friesland sandy loam	Favorable	105
782	Juneau silt loam	Favorable	116
783	Flagler sandy loam	Favorable	85
784	Berks loam	Unfavorable	56
785	Lacrescent cobbly silty clay loam	Favorable	73
786	Frondorf loam	Unfavorable	77
787	Banlic silt loam	Favorable	94
789#	Ambraw-Ceresco-Sarpy complex	Favorable	97
789#	Volney silt loam, bedrock substratum	Unfavorable	76
791	Rush silt loam	Favorable	96
792	Bowes silt loam	Favorable	115
793	Berks, Muskingum and Wiekert soils	Unfavorable	55
796	Huey-Burksville silt loam	Unfavorable	85
797	Hickory-Homen silty clay loam	Favorable	87
799	Arents, loamy	Crop yield data not available	

Table 2**Productivity of Illinois Soils Under Average Management
Slightly Eroded, 0 to 2 Percent Slopes**

Revised January 1, 2012

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
800	Psamments	Crop yield data not available	
801	Orthents, silty	Crop yield data not available	
802	Orthents, loamy	Crop yield data not available	
803	Orthents	Crop yield data not available	
804	Orthents, acid	Crop yield data not available	
805	Orthents, clayey	Crop yield data not available	
806	Orthents, clayey-skeletal	Crop yield data not available	
807	Aquents-Orthents complex	Crop yield data not available	
808	Orthents, sandy-skeletal	Crop yield data not available	
809	Orthents, loamy - skeletal, acid, steep	Crop yield data not available	
810	Oil-brine damaged land	Crop yield data not available	
811	Aquolls	Crop yield data not available	
812	Typic Hapludalfs	Crop yield data not available	
813	Orthents, bedrock subs.,silty, pits, complex	Crop yield data not available	
814	Muscature-Buckhart complex	Favorable	128
815	Udorthents, silty	Favorable	95
816	Stookey-Timula-Orthents complex	Crop yield data not available	
817	Channahon-Hesch fine sandy loam	Unfavorable	78
818	Flanagan-Catlin silt loams	Favorable	125
819	Hennepin-Vanmeter complex	Unfavorable	76
820	Hennepin-Casco complex	Unfavorable	84
821	Morristown silt loam	Favorable	71
823	Schuline silt loam	Favorable	86
824	Swanwick silt loam	Favorable	82
825	Lenzburg silt loam, acid substratum	Favorable	59
826	Orthents, silty, acid substratum	Crop yield data not available	
827	Broadwell-Onarga complex	Favorable	112
828	Broadwell-Sparta complex	Favorable	106
829	Biggsville-Mannon silt loams	Favorable	123
830	Landfill	Crop yield data not available	
832	Menfro - Clarksville complex	Favorable	86
833	Menfro - Goss complex	Favorable	87
834	Wellston - Westmore silt loams	Unfavorable	83
835	Earthen dam	Crop yield data not available	
836	Hamburg - Lacrescent complex	Favorable	86
837	Limestone rockland - Lacrescent complex	Crop yield data not available	
838	Fayette - Goss complex	Favorable	88
840	Zurick and Ozaukee silt loams	Favorable	101
841	Carmi - Westland complex	Favorable	99
843	Bonnie and Petrolia soils	Favorable	101
844	Ava-Blair complex	Unfavorable	90
845	Darwin and Jacob silty clays	Favorable	89
846	Kamak and Cape silty clays	Favorable	91
847	Fluvaquents - Orthents complex	Crop yield data not available	
848	Drummer - Barrington - Mundelein complex	Favorable	123
849	Milford - Martinton complex	Favorable	114

Table 2**Productivity of Illinois Soils Under Average Management
Slightly Eroded, 0 to 2 Percent Slopes**

Revised January 1, 2012

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
850	Hickory-Hosmer silt loams	Unfavorable	86
851	Mefro-Ursa silt loams	Favorable	95
852	Mefro-Wellston silt loams	Favorable	95
853	Alford-Westmore silt loams	Favorable	99
854#	Markham-Ashkum-Beecher complex	Favorable	105
854#	Menfro - Westmore complex	Favorable	99
855#	Timewell and Ipava soils	Favorable	123
855#	Ruma-Westmore silt loams	Favorable	96
856	Stookey and Timula soils	Favorable	101
857	Strawn-Hennepin loams	Unfavorable	88
858#	Port Byron-Mt. Carroll-Urban land	Crop yield data not available	
858#	Port Byron-Mt. Carroll silt loams	Favorable	123
859	Blair-Ursa silt loams	Unfavorable	87
860#	Hosmer-Ursa silt loams	Unfavorable	87
860#	Homen - Atlas silt loams	Favorable	90
861	Ursa-Hickory complex	Unfavorable	78
862	Pits, sand	Crop yield data not available	
863	Pits, clay	Crop yield data not available	
864	Pits, quarries	Crop yield data not available	
865	Pits, gravel	Crop yield data not available	
866	Dumps, slurry	Crop yield data not available	
867	Oil-waste land	Crop yield data not available	
868	Pits, organic	Crop yield data not available	
869	Pits, quarries-Orthents complex	Crop yield data not available	
870	Blake-Beaucoup complex	Favorable	108
871	Lenzburg silt loam	Favorable	80
872	Rapatee silty clay loam	Favorable	97
873	Dunbarton-Dubuque complex	Unfavorable	73
874	Dickinson-Hamburg complex	Favorable	93
875	Lenzlo silty clay loam	Favorable	85
876	Lenzwheel silty clay loam	Favorable	75
877	Blake - Slacwater silt loams	Favorable	102
878	Coulterville-Grantfork silty clay loams	Unfavorable	90
880	Coulterville-Darmstadt complex	Unfavorable	92
881	Coulterville-Hoyleton-Darmstadt complex	Unfavorable	94
882	Oconee-Darmstadt-Coulterville silt loams	Unfavorable	97
883	Senachwine - Hennepin complex	Favorable	89
884	Bunkum-Coulterville silty clay loams	Unfavorable	98
885	Viriden-Fosterburg silt loams	Favorable	116
886	Ruma-Ursa silty clay loams	Unfavorable	93
887	Darmstadt-Grantfork complex	Unfavorable	81
888	Passport-Grantfork complex	Unfavorable	83
889	Bluford-Darmstadt complex	Unfavorable	87
890	Ursa-Atlas complex	Unfavorable	78
891	Cisne-Piasa complex	Unfavorable	96
892	Sawmill-Lawson complex	Favorable	123
893	Catlin-Saybrook complex	Favorable	120
894	Herrick-Biddle-Piasa silt loams	Unfavorable	108
895	Fayette-Westville complex	Favorable	105
896	Wynoose-Huey complex	Unfavorable	83
897	Bunkum-Atlas silty clay loams	Unfavorable	92
898	Hickory-Sylvan complex	Favorable	88
899	Raddle-Sparta complex	Favorable	106

Table 2**Productivity of Illinois Soils Under Average Management
Slightly Eroded, 0 to 2 Percent Slopes**

Revised January 1, 2012

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
900	Hickory-Wellston silt loams	Unfavorable	80
901	Ipava-Osco complex	Favorable	126
902	Ipava-Sable complex	Favorable	126
903	Muskego and Houghton mucks	Favorable	112
904	Muskego and Peotone soils, ponded	Favorable	109
905	NewGlarus-Lamoille complex	Favorable	86
906	Redbud-Hurst silty clay loams	Unfavorable	97
907	Redbud-Colp silty clay loams	Unfavorable	96
908	Hickory-Kell silt loams	Favorable	83
909	Coulterville-Oconee silt loams	Unfavorable	101
910	Timula-Miami complex	Favorable	100
911	Timula-Hickory complex	Favorable	93
912	Hoyleton-Darmstadt complex	Unfavorable	91
913	Marseilles-Hickory complex	Unfavorable	89
914	Atlas-Grantfork complex	Unfavorable	80
915	Elco-Ursa silt loams	Unfavorable	90
916	Darmstadt-Oconee silt loams	Unfavorable	92
917	Oakville-Tell complex	Favorable	84
918	Marseilles-Atlas complex	Unfavorable	89
919	Rodman-Fox complex	Unfavorable	83
920	Rushville-Huey silt loams	Unfavorable	91
921	Faxon-Ripon complex	Favorable	101
922	Alford-Hurst silty clay loams	Unfavorable	100
923	Urban land-Markham-Ashkum complex	Crop yield data not available	
924	Urban land-Milford-Martinton complex	Crop yield data not available	
925	Urban land-Frankfort-Bryce complex	Crop yield data not available	
926	Urban land- Drummer-Barrington complex	Crop yield data not available	
927	Blair-Atlas silt loams	Unfavorable	88
928	NewGlarus-Palsgrove silt loams	Favorable	93
929	Ava-Hickory complex	Unfavorable	87
930	Goss-Alford complex	Unfavorable	78
931	Seaton-Goss complex	Unfavorable	87
932	Clinton-El Dara complex	Favorable	100
933	Hickory-Clinton complex	Favorable	92
934	Blair-Grantfork complex	Unfavorable	87
935	Miami-Hennepin complex	Unfavorable	92
936	Fayette-Hickory complex	Favorable	98
937	Seaton-Hickory complex	Favorable	96
938	Miami-Casco complex	Unfavorable	96
939	Rodman-Warsaw complex	Unfavorable	87
940	Zanesville-Westmore silt loams	Unfavorable	85
941	Virden-Piasa silt loams	Unfavorable	108
942	Seaton-Oakville complex	Favorable	93
943	Seaton-Timula silt loams	Favorable	104
944	Velma-Coatsburg silt loams	Unfavorable	95
945	Hickory-High Gap silt loams	Unfavorable	82
946	Hickory-Atlas complex	Unfavorable	81
947	Lamont, Tell and Bloomfield soils	Favorable	88
948	Fayette-Clarksville complex	Unfavorable	87
949	Eleroy and Derinda soils	Unfavorable	89

Table 2

Productivity of Illinois Soils Under Average Management Slightly Eroded, 0 to 2 Percent Slopes

Revised January 1, 2012

IL map symbol	Soil type name	Subsoil rooting	B 810 Productivity Index (PI)
			Average management
950	Dubuque and Palsgrove soils	Unfavorable	88
951	Palsgrove and Woodbine soils	Favorable	90
952	Tell-Lamont complex	Favorable	95
953	Hosmer-Lax silt loams	Unfavorable	88
954	Alford-Baxter complex	Favorable	94
955	Muskingum and Berks soils	Unfavorable	59
956	Brandon and Saffell soils	Unfavorable	83
957	Elco-Atlas silt loams	Unfavorable	91
958	Hickory and Hennepin soils	Unfavorable	81
959	Strawn-Chute complex	Favorable	82
960	Hickory-Sylvan-Fayette silt loams	Favorable	92
961	Burkhardt-Saude complex	Favorable	82
962	Sylvan-Bold complex	Favorable	98
963	Hickory and Sylvan soils	Favorable	88
964#	Hennepin and Miami soils	Unfavorable	88
964#	Miami and Hennepin soils	Favorable	92
965	Tallula-Bold silt loams	Favorable	109
966	Miami-Russell silt loams	Favorable	101
967	Hickory-Gosport complex	Unfavorable	79
968	Birkbeck-Miami silt loams	Favorable	105
969	Rodman-Casco complex	Unfavorable	81
970	Keller-Coatsburg complex	Unfavorable	95
971	Fishhook-Atlas complex	Unfavorable	84
972	Casco-Fox complex	Unfavorable	93
973	Dubuque and Dunbarton soils	Unfavorable	78
974	Dickinson-Onarga complex	Favorable	94
975	Alvin-Lamont complex	Favorable	93
976	Neotoma-Rock outcrop complex	Crop yield data not available	
977	Neotoma-Wellston complex	Unfavorable	74
978	Wauconda and Beecher silt loams	Favorable	111
979	Grays and Markham silt loams	Favorable	106
980	Zurich and Morley silt loams	Favorable	100
981	Wauconda and Frankfort silt loams	Unfavorable	106
982	Aptakisic and Nappanee silt loams	Unfavorable	92
983	Zurich and Nappanee silt loams	Unfavorable	94
984	Barrington and Varna silt loams	Favorable	110
985	Alford-Bold complex	Favorable	103
986	Wellston-Berks complex	Unfavorable	70
987	Atlas-Grantfork variant complex	Unfavorable	77
988	Westmore-Neotoma complex	Unfavorable	80
989	Mundelein and Elliott soils	Favorable	118
990	Stokey-Bodine complex	Unfavorable	90
991	Cisne-Huey complex	Unfavorable	90
992	Hoyleton-Tamalco complex	Unfavorable	90
993	Cowden-Piasa complex	Unfavorable	99
994	Oconee-Tamalco complex	Unfavorable	96
995	Herrick-Piasa complex	Unfavorable	107
996	Velma-Walshville complex	Unfavorable	93
997	Hickory-Hennepin complex	Unfavorable	81
998	Hickory-Negley complex	Favorable	86
999	Alford-Hickory complex	Favorable	97

Duplicate IL Map Symbols are in Bold Print (use the appropriate soil type name)

+ Overwash phase