**Section 259.APPENDIX F Approximate Cation Exchange Capacities (CEC) of Illinois Soils**

This data was provided by Professor R. G. Hoeft, Department of Crop Sciences, University of Illinois at Urbana-Champaign

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| **Soil Name** | **CEC (meq/100g)** |
| Ade loamy fine sand | <8 |
| Adrian muck | >100 |
| Aholt silty clay | >24 |
| Alford silt loam | 8-15 |
| Alford-Baxter complex | 8-15 |
| Alford-Bold complex | 8-15 |
| Alford-Hickory complex | 8-15 |
| Alford-Hurst silty clay loams | 8-15 |
| Alford-Ursa silt loams | 8-15 |
| Alford-Wellston silt loams | 8-15 |
| Alford-Westmore silt loams | 8-15 |
| Algansee fine sandy loam | <8 |
| Allison silty clay loam | >24 |
| Alvin fine sandy loam | <8 |
| Alvin-Lamont complex | <8 |
| Ambraw clay loam | 15-24 |
| Ambraw silty clay loam, sandy substratum | 15-24 |
| Ambraw-Ceresco-Sarpy complex | 8-15 |
| Andres silt loam | 15-24 |
| Appleriver silt loam | 8-15 |
| Aptakisic silt loam | 8-15 |
| Aptakisic and Nappanee silt loams | 8-15 |
| Arenzville silt loam | 8-15 |
| Argyle silt loam | 15-24 |
| Armiesburg silty clay loam | 15-24 |
| Ashdale silt loam | 15-24 |
| Ashkum silty clay loam | >24 |
| Assumption silt loam | 15-24 |
| Atkinson loam | 8-15 |
| Atlas silt loam | 8-15 |
| Atlas-Grantfork complex | 8-15 |
| Atlas-Grantfork variant complex | 8-15 |
| Atterberry silt loam | 8-15 |
| Aurelius muck | >100 |
| Aurelius muck, sandy substratum | >100 |
| Ava silt loam | 8-15 |
| Ava-Blair complex | 8-15 |
| Ava-Hickory complex | 8-15 |
| Aviston silt loam | 15-24 |
| Ayr sandy loam | <8 |
| Backbone loamy sand | 8-15 |
| Banlic silt loam | 8-15 |
| Barony silt loam | 15-24 |
| Barrington silt loam | 15-24 |
| Barrington and Varna silt loams | 15-24 |
| Bartelso silt loam | 15-24 |
| Batavia silt loam | 8-15 |
| Baxter cherty silt loam | 8-15 |
| Baylis silt loam | 8-15 |
| Beardstown loam | 8-15 |
| Beasley silt loam | 8-15 |
| Beaucoup silty clay loam | >24 |
| Beavercreek loam | <8 |
| Bedford silt loam | 8-15 |
| Beecher silt loam | 8-15 |
| Belknap silt loam | 8-15 |
| Berks loam | 8-15 |
| Bertrand silt loam | 8-15 |
| Bethalto silt loam | 15-24 |
| Biddle silt loam | 15-24 |
| Biggsville silt loam | >24 |
| Biggsville-Mannon silt loams | 15-24 |
| Billett sandy loam | <8 |
| Binghampton sandy loam | 8-15 |
| Birds silt loam | 8-15 |
| Birkbeck silt loam | 8-15 |
| Birkbeck-Miami silt loams | 8-15 |
| Blackoar silt loam | 15-24 |
| Blair silt loam | 8-15 |
| Blair-Atlas silt loams | 8-15 |
| Blair-Grantfork complex | 8-15 |
| Blair-Ursa silt loams | 8-15 |
| Blake silty clay loam | 15-24 |
| Blake-Beaucoup complex | 15-24 |
| Bloomfield fine sand | <8 |
| Blount silt loam | 8-15 |
| Bluford silt loam | 8-15 |
| Bluford silt loam, bench | 15-24 |
| Bluford-Darmstadt complex | 8-15 |
| Blyton silt loam | <8 |
| Bold silt loam | 8-15 |
| Bonfield silt loam | 8-15 |
| Bonnie silt loam | 8-15 |
| Booker silty clay | >24 |
| Boone loamy fine sand | <8 |
| Bowdre silty clay | >24 |
| Bowes silt loam | 8-15 |
| Boyer sandy loam | <8 |
| Brandon and Saffell soils | 8-15 |
| Breeds silty clay loam | 15-24 |
| Brenton silt loam | 15-24 |
| Broadwell silt loam | 15-24 |
| Brooklyn silt loam | 15-24 |
| Brookside stony silty clay loam | 15-24 |
| Brouillett silt loam | 15-24 |
| Bryce silty clay | >24 |
| Bryce-Calamine variant complex | 15-24 |
| Bunkum silty clay loam | 15-24 |
| Bunkum-Atlas silty clay loams | 8-15 |
| Bunkum-Coulterville silty clay loams | 8-15 |
| Burkhardt-Saude complex | 8-15 |
| Burksville silt loam | 8-15 |
| Burnside silt loam | 8-15 |
| Cairo silty clay | >24 |
| Calamine silt loam | 15-24 |
| Calco silty clay loam | >24 |
| Camden silt loam | 8-15 |
| Camden silt loam, sandy substratum | 8-15 |
| Canisteo silt loam | >24 |
| Canisteo silt loam, sandy substratum | >24 |
| Cape silty clay loam | 15-24 |
| Caprell silt loam | 8-15 |
| Carmi sandy loam | 8-15 |
| Casco silt loam | 8-15 |
| Casco-Fox complex | 8-15 |
| Caseyville silt loam | 8-15 |
| Catlin silt loam | 15-24 |
| Catlin-Saybrook complex | 15-24 |
| Ceresco loam | 15-24 |
| Channahon silt loam | 15-24 |
| Chaseburg silt loam | 15-24 |
| Chatsworth silt loam | 8-15 |
| Chauncey silt loam | 8-15 |
| Chautauqua silty clay loam | 15-24 |
| Chelsea loamy fine sand | <8 |
| Chenoa silt loam | >24 |
| Chute fine sand | <8 |
| Cisne silt loam | 8-15 |
| Cisne silt loam, bench | 8-15 |
| Cisne-Huey complex | 8-15 |
| Cisne-Piasa complex | 8-15 |
| Clare silt loam | 15-24 |
| Clarence silty clay loam | >24 |
| Clarksdale silt loam | 8-15 |
| Clarksville cherty silt loam | 8-15 |
| Clinton silt loam | 8-15 |
| Clinton-El Dara complex | <8 |
| Clyde clay loam | >24 |
| Coatsburg silt loam | 15-24 |
| Coffeen silt loam | 15-24 |
| Cohoctah loam | 15-24 |
| Colo silty clay loam | >24 |
| Coloma silt loam | <8 |
| Colp silt loam | 8-15 |
| Comfrey clay loam | >24 |
| Coot loam | 8-15 |
| Copperas silty clay loam | 15-24 |
| Corwin silt loam | 15-24 |
| Coulterville silt loam | <8 |
| Coulterville-Darmstadt complex | <8 |
| Coulterville-Grantfork silty clay loams | <8 |
| Coulterville-Hoyleton-Darmstadt complex | <8 |
| Coulterville-Oconee silt loams | <8 |
| Cowden silt loam | 8-15 |
| Cowden-Piasa complex | 8-15 |
| Coyne fine sandy loam | 8-15 |
| Craigmile sandy loam | <8 |
| Crane silt loam | 15-24 |
| Crawleyville fine sandy loam | <8 |
| Creal silt loam | 8-15 |
| Crider silt loam | 8-15 |
| Dakota silt loam | 8-15 |
| Dana silt loam | 15-24 |
| Danabrook silt loam | 15-24 |
| Darmstadt silt loam | 8-15 |
| Darmstadt-Grantfork complex | 8-15 |
| Darmstadt-Oconee silt loams | 8-15 |
| Darroch silt loam | 15-24 |
| Darwin silty clay | >24 |
| Del Rey silt loam | 8-15 |
| Denny silt loam | 8-15 |
| Denrock silt loam | 15-24 |
| Derinda silt loam | 8-15 |
| Dickinson sandy loam | 8-15 |
| Dickinson sandy loam, loamy substratum | 8-15 |
| Dickinson-Hamburg complex | 8-15 |
| Dickinson-Onarga complex | 8-15 |
| Disco sandy loam | 8-15 |
| Dockery silt loam | 8-15 |
| Dodge silt loam | 8-15 |
| Dodgeville silt loam | 15-24 |
| Dorchester silt loam | 8-15 |
| Dorchester silt loam, cobbly substratum | 8-15 |
| Douglas silt loam | 15-24 |
| Dowagiac silt loam | 8-15 |
| Downs silt loam | 8-15 |
| Downsouth silt loam | 15-24 |
| Dresden silt loam | 15-24 |
| Drummer silty clay loam | >24 |
| Drummer silty clay loam, gravelly substratum | >24 |
| Drummer silty clay loam, till substratum | >24 |
| Drury silt loam | 8-15 |
| Du Page silt loam | 15-24 |
| Dubuque silt loam | 8-15 |
| Dubuque and Dunbarton soils | 8-15 |
| Dubuque and Palsgrove soils | 8-15 |
| Dubuque-Orthents- Fayette Complex | 8-15 |
| Dunbarton silt loam | 8-15 |
| Dunbarton silt loam, cherty variant | 8-15 |
| Dunbarton-Dubuque complex | 8-15 |
| Dunham silty clay loam | >24 |
| Dupo silt loam | 8-15 |
| Durand silt loam | 15-24 |
| Ebbert silt loam | 15-24 |
| Eden silty clay loam | >24 |
| Edgington silt loam | 15-24 |
| Edinburg silty clay loam | >24 |
| Edmund silt loam | 15-24 |
| Edwards muck | >100 |
| Edwardsville silt loam | >24 |
| El Dara sandy loam | <8 |
| Elburn silt loam | 15-24 |
| Elburn silt loam, gravelly substratum | 15-24 |
| Elco silt loam | 8-15 |
| Elco-Atlas silt loams | 8-15 |
| Elco-Ursa silt loams | 8-15 |
| Eleroy silt loam | 8-15 |
| Eleroy and Derinda soils | 8-15 |
| Eleva sandy loam | <8 |
| Elizabeth silt loam | 15-24 |
| Elkhart silt loam | 15-24 |
| Elliott silt loam | 15-24 |
| Elpaso silty clay loam | >24 |
| Elsah cherty silt loam | 8-15 |
| Elvers silt loam | 8-15 |
| Emery silt loam | 15-24 |
| Emma silty clay loam | 15-24 |
| Evansville silt loam | 8-15 |
| Faxon clay loam | 15-24 |
| Faxon-Ripon complex | 15-24 |
| Fayette silt loam | 8-15 |
| Fayette silty clay loam, karst | <8 |
| Fayette silt loam, sandy substratum | 15-24 |
| Fayette silt loam, till substratum | 8-15 |
| Fayette-Clarksville complex | 8-15 |
| Fayette-Hickory complex | 8-15 |
| Fayette-Westville complex | 8-15 |
| Fella silty clay loam | >24 |
| Fieldon silt loam | 15-24 |
| Fincastle silt loam | 8-15 |
| Fishhook silt loam | 8-15 |
| Fishhook-Atlas complex | 8-15 |
| Flagg silt loam | 8-15 |
| Flagler sandy loam | 8-15 |
| Flanagan silt loam | 15-24 |
| Floraville silt loam | 8-15 |
| Fosterburg silt loam | >24 |
| Fox silt loam | 8-15 |
| Frankfort silt loam | 8-15 |
| Frankville silt loam | 15-24 |
| Friesland sandy loam | 8-15 |
| Frondorf loam | 8-15 |
| Fults silty clay | >24 |
| Gale silt loam | 8-15 |
| Geff silt loam | 8-15 |
| Genesee silt loam | 8-15 |
| Geryune silt loam | 15-24 |
| Gilford fine sandy loam | 8-15 |
| Ginat silt loam | 8-15 |
| Gorham silty clay loam | >24 |
| Gosport silt loam | 8-15 |
| Goss gravelly silt loam | 8-15 |
| Goss-Alford complex | 8-15 |
| Granby loamy sand | <8 |
| Grantfork silty clay loam | 8-15 |
| Grantsburg silt loam | 8-15 |
| Graymont silt loam | 15-24 |
| Grays silt loam | 8-15 |
| Grays and Markham silt loams | 8-15 |
| Greenbush silt loam | 15-24 |
| Grellton sandy loam | <8 |
| Griswold loam | 8-15 |
| Grundelein silt loam | >24 |
| Hamburg silt loam | 8-15 |
| Harco silt loam | 15-24 |
| Harpster silty clay loam | >24 |
| Harrison silt loam | 15-24 |
| Hartsburg silty clay loam | >24 |
| Harvard silt loam | 8-15 |
| Hayfield loam | 8-15 |
| Haymond silt loam | 8-15 |
| Haynie silt loam | 8-15 |
| Hennepin loam | <8 |
| Hennepin and Miami soils | <8 |
| Hennepin-Casco complex | <8 |
| Hennepin-Vanmeter complex | 8-15 |
| Henshaw silt loam | 8-15 |
| Herbert silt loam | 8-15 |
| Herrick silt loam | 15-24 |
| Herrick-Biddle-Piasa silt loams | 15-24 |
| Herrick-Piasa complex | 15-24 |
| Hesch fine sandy loam | 8-15 |
| Hesch fine sandy loam, gray subsoil variant | 8-15 |
| Hesch loamy sand, shallow variant | 8-15 |
| Hickory loam | 8-15 |
| Hickory and Hennepin soils | 8-15 |
| Hickory and Sylvan soils | 8-15 |
| Hickory-Atlas complex | 8-15 |
| Hickory-Clinton complex | 8-15 |
| Hickory-Gosport complex | 8-15 |
| Hickory-Hennepin complex | 8-15 |
| Hickory-High Gap silt loams | 8-15 |
| Hickory-Hosmer silt loams | 8-15 |
| Hickory-Kell silt loams | 8-15 |
| Hickory-Negley complex | 8-15 |
| Hickory-Sylvan complex | 8-15 |
| Hickory-Sylvan-Fayette silt loams | 8-15 |
| Hickory-Wellston silt loams | 8-15 |
| High Gap loam | 8-15 |
| Hitt silt loam | 15-24 |
| Holly silt loam | 15-24 |
| Holton silt loam | 8-15 |
| Homen silt loam | 15-24 |
| Homer silt loam | 8-15 |
| Hononegah loamy coarse sand | <8 |
| Hoopeston sandy loam | 8-15 |
| Hooppole loam | 15-24 |
| Hosmer silt loam | 8-15 |
| Hosmer-Lax silt loams | 8-15 |
| Hosmer-Ursa silt loams | 8-15 |
| Houghton muck | >100 |
| Houghton peat | >100 |
| Hoyleton silt loam | 8-15 |
| Hoyleton silt loam, bench | 8-15 |
| Hoyleton-Darmstadt complex | 8-15 |
| Hoyleton-Tamalco complex | 8-15 |
| Huey silt loam | 8-15 |
| Huntington silt loam | 15-24 |
| Huntsville silt loam | 15-24 |
| Hurst silt loam | 8-15 |
| Hurst silt loam, sandy substratum | 8-15 |
| Iona silt loam | 8-15 |
| Ipava silt loam | 15-24 |
| Ipava-Sable complex | 15-24 |
| Ipava-Tama complex | 15-24 |
| Iva silt loam | 8-15 |
| Jacob clay | 15-24 |
| Jasper silt loam | 15-24 |
| Jasper silt loam, sandy substratum | 15-24 |
| Joliet silty clay loam | >24 |
| Joslin silt loam | 15-24 |
| Joy silt loam | 15-24 |
| Joyce silt loam | 15-24 |
| Joy silt loam, sandy substratum | 15-24 |
| Jules silt loam | 8-15 |
| Juneau silt loam | 8-15 |
| Kane silt loam | 15-24 |
| Kaneville silt loam | 15-24 |
| Kankakee fine sandy loam | 8-15 |
| Karnak silty clay | 15-24 |
| Kell silt loam | 8-15 |
| Keller silt loam | 15-24 |
| Keller-Coatsburg complex | 15-24 |
| Keltner silt loam | 15-24 |
| Kendall silt loam | 8-15 |
| Kendall silt loam, sandy substratum | 8-15 |
| Keomah silt loam | 8-15 |
| Kernan silt loam | 8-15 |
| Keswick loam | >24 |
| Kidami silt loam | 8-15 |
| Kidder silt loam | <8 |
| Kish loam | >24 |
| Kishwaukee silt loam | 15-24 |
| Knight silt loam | 15-24 |
| La Hogue loam | 8-15 |
| La Rose silt loam | 8-15 |
| Lacrescent cobbly silty clay loam | 15-24 |
| Lahoguess loam | 15-24 |
| Lakaskia silt loam | 15-24 |
| Lamoille silt loam | 15-24 |
| Lamont fine sandy loam | <8 |
| Lamont, Tell, and Bloomfield soils | <8 |
| Landes fine sandy loam | 8-15 |
| Lanier fine sandy loam | 8-15 |
| Lawler loam | 8-15 |
| Lawndale silt loam | 15-24 |
| Lawson silt loam | 15-24 |
| Lax silt loam | 8-15 |
| Lena muck | >100 |
| Lenzburg silt loam | 15-24 |
| Lenzburg silt loam, acid substratum | 15-24 |
| Lenzlo silty clay loam | 15-24 |
| Lenzwheel silty clay loam | 15-24 |
| Lindley loam | 8-15 |
| Lisbon silt loam | 15-24 |
| Lismod silt loam | 15-24 |
| Littleton silt loam | 15-24 |
| Lomax loam | 8-15 |
| Loran silt loam | 15-24 |
| Lorenzo loam | 8-15 |
| Mannon silt loam | 8-15 |
| Marbletown silt loam | 15-24 |
| Marine silt loam | 8-15 |
| Marissa silt loam | 8-15 |
| Markham silt loam | 8-15 |
| Markland silt loam | 8-15 |
| Marseilles silt loam | 8-15 |
| Marseilles silt loam, gravelly substratum | 8-15 |
| Marseilles silt loam, moderately wet | 15-24 |
| Marseilles-Atlas complex | 8-15 |
| Marseilles-Hickory complex | 8-15 |
| Marshan loam | 8-15 |
| Marshan loam, sandy substratum | 15-24 |
| Martinsville silt loam | 8-15 |
| Martinton silt loam | 15-24 |
| Mascoutah silty clay loam | >24 |
| Massbach silt loam | 8-15 |
| Matherton silt loam | 8-15 |
| Maumee fine sandy loam | <8 |
| Mayville silt loam | 15-24 |
| McFain silty clay | >24 |
| McGary silt loam | 8-15 |
| McHenry silt loam | 8-15 |
| Meadowbank silt loam | 15-24 |
| Medary silty clay loam | 8-15 |
| Medway silty clay loam | >24 |
| Menfro silt loam | 8-15 |
| Metea silt loam | <8 |
| Miami fine sandy loam | <8 |
| Miami silt loam | 8-15 |
| Miami-Casco complex | 8-15 |
| Miami-Hennepin complex | 8-15 |
| Miami-Russell silt loams | 8-15 |
| Middletown silt loam | 8-15 |
| Milford silty clay loam | >24 |
| Millbrook silt loam | 8-15 |
| Millington loam | 8-15 |
| Millsdale silty clay loam | >24 |
| Millstadt silt loam | >24 |
| Millstream silt loam | 15-24 |
| Minneiska loam | 15-24 |
| Mokena silt loam | 15-24 |
| Mona silt loam | 15-24 |
| Monee silt loam | 15-24 |
| Monterey silty clay loam | >24 |
| Montgomery silty clay loam | >24 |
| Montmorenci silt loam | 8-15 |
| Morley silt loam | 8-15 |
| Morocco fine sand | <8 |
| Morristown silt loam | 8-15 |
| Moundprairie silty clay loam | 15-24 |
| Mt. Carroll silt loam | 8-15 |
| Mudhen clay loam | >24 |
| Mundelein silt loam | 15-24 |
| Mundelein and Elliott soils | 15-24 |
| Muren silt loam | 8-15 |
| Muscatine silt loam | 15-24 |
| Muscatune silt loam | 15-24 |
| Muskego muck | >100 |
| Muskego silty clay loam, overwash | >24 |
| Muskego and Houghton mucks | >100 |
| Muskego and Peotone soils, ponded | >100 |
| Muskingum stony silt loam | <8 |
| Muskingum and Berks soils | <8 |
| Myrtle silt loam | 8-15 |
| Nachusa silt loam | 15-24 |
| Nameoki silty clay | 15-24 |
| Nappanee silt loam | 8-15 |
| Nasset silt loam | 15-24 |
| Navlys silty clay loam | 15-24 |
| Negley loam | 8-15 |
| Neotoma-Wellston complex | 8-15 |
| Newark silty clay loam | 15-24 |
| Newberry silt loam | 8-15 |
| NewGlarus-Lamoille complex | 8-15 |
| NewGlarus-Palsgrove silt loams | 8-15 |
| Newhaven loam | 8-15 |
| Niota silt loam | 8-15 |
| Niota silty clay loam, clayey subsurface variant | 15-24 |
| Nolin silty clay loam | 8-15 |
| Normal silt loam | 15-24 |
| Normandy silt loam | 15-24 |
| Oakville fine sand | <8 |
| Oakville-Tell complex | <8 |
| Ockley silt loam | 8-15 |
| Oconee silt loam | 8-15 |
| Oconee-Coulterville-Darmstadt silt loams | 8-15 |
| Oconee-Darmstadt-Coulterville silt loams | 8-15 |
| Oconee-Tamalco complex | 8-15 |
| Octagon silt loam | 8-15 |
| Odell silt loam | 15-24 |
| Ogle silt loam | 15-24 |
| Ogle silt loam, silt loam subsoil variant | 15-24 |
| Okaw silt loam | 8-15 |
| Okaw silty clay loam | 15-24 |
| Onarga sandy loam | 8-15 |
| Onarga fine sandy loam, till substratum | 8-15 |
| Oneco silt loam | 8-15 |
| Orio sandy loam | <8 |
| Orion silt loam | 8-15 |
| Osceola silt loam | 15-24 |
| Osco silt loam | 15-24 |
| Otter silt loam | >24 |
| Ozaukee silt loam | 15-24 |
| Palms muck | >100 |
| Palms silty clay loam, overwash | >24 |
| Palsgrove silt loam | 8-15 |
| Palsgrove and Woodbine soils | 8-15 |
| Pana silt loam | 15-24 |
| Papineau fine sandy loam | 8-15 |
| Parke silt loam | 8-15 |
| Parkville silty clay | 8-15 |
| Parmod silt loam | 15-24 |
| Parr fine sandy loam | 8-15 |
| Parr silt loam | 8-15 |
| Passport silt loam | 8-15 |
| Passport-Grantfork complex | 8-15 |
| Patton silty clay loam | >24 |
| Paxico silt loam | 8-15 |
| Pecatonica silt loam | 8-15 |
| Pella silty clay loam | >24 |
| Peotone silty clay loam | >24 |
| Peotone mucky silty clay loam, marl substratum | >100 |
| Petrolia silty clay loam | 15-24 |
| Piasa silt loam | 15-24 |
| Pierron silt loam | 8-15 |
| Pike silt loam | 8-15 |
| Pillot silt loam | 15-24 |
| Piopolis silty clay loam | 15-24 |
| Piscasaw silt loam | 15-24 |
| Plainfield sand | <8 |
| Plano silt loam | 15-24 |
| Plattville silt loam | 15-24 |
| Plumfield silty clay loam | 15-24 |
| Port Byron silt loam | 15-24 |
| Port Byron silt loam, sandy substratum | 15-24 |
| Prairieville silt loam | 15-24 |
| Princeton fine sandy loam | 8-15 |
| Proctor silt loam | 15-24 |
| Proctor silt loam, sandy substratum | 15-24 |
| Prophetstown silt loam | 15-24 |
| Quiver silty clay loam | 15-24 |
| Racoon silt loam | 8-15 |
| Raddle silt loam | 15-24 |
| Raddle-Sparta complex | 8-15 |
| Radford silt loam | 15-24 |
| Rantoul silty clay | >24 |
| Rapatee silty clay loam | >24 |
| Raub silt loam | 15-24 |
| Raveenwash silty clay loam | 8-15 |
| Redbud silt loam | 8-15 |
| Redbud-Colp silty clay loams | 8-15 |
| Redbud-Hurst silty clay loams | 8-15 |
| Reddick silty clay loam | >24 |
| Reesville silt loam | 8-15 |
| Rend silt loam | 8-15 |
| Richview silt loam | 8-15 |
| Richwood silt loam | 15-24 |
| Ridgeville fine sandy loam | 8-15 |
| Ridgway silt loam | 8-15 |
| Ridott silt loam | 8-15 |
| Riley silty clay loam | >24 |
| Ringwood silt loam | 15-24 |
| Ripon silt loam | 8-15 |
| Ritchey silt loam | 8-15 |
| Robbs silt loam | 8-15 |
| Roby fine sandy loam | <8 |
| Rocher loam | 8-15 |
| Rockton loam | 8-15 |
| Rockton and Dodgeville soils | 8-15 |
| Rodman loam | 8-15 |
| Rodman gravelly loam | <8 |
| Rodman-Casco complex | 8-15 |
| Rodman-Fox complex | 8-15 |
| Rodman-Warsaw complex | 8-15 |
| Romeo silt loam | 15-24 |
| Rooks silt loam | >24 |
| Ross loam | 8-15 |
| Rossburg loam | >24 |
| Rowe silty clay | >24 |
| Rozetta silt loam | 8-15 |
| Ruark fine sandy loam | <8 |
| Rubio silt loam | 15-24 |
| Ruma silt loam | 15-24 |
| Ruma-Ursa silty clay loams | 8-15 |
| Rush silt loam | 8-15 |
| Rushville silt loam | 8-15 |
| Rushville-Huey silt loams | 8-15 |
| Russell silt loam | 8-15 |
| Rutland silt loam | 15-24 |
| Sabina silt loam | 15-24 |
| Sable silty clay loam | >24 |
| Saffell gravelly sandy loam | 8-15 |
| Sarpy sand | <8 |
| Saude loam | 15-24 |
| Sawmill silty clay loam | >24 |
| Sawmill-Lawson complex | >24 |
| Saybrook silt loam | 15-24 |
| Saylesville silt loam | 8-15 |
| Schapville silt loam | 15-24 |
| Schuline silt loam | 8-15 |
| Sciotoville silt loam | 8-15 |
| Seaton silt loam | 8-15 |
| Seaton silt loam, sandy substratum | 8-15 |
| Seaton-Goss complex | 8-15 |
| Seaton-Hickory complex | 8-15 |
| Seaton-Oakville complex | 8-15 |
| Seaton-Timula silt loams | 8-15 |
| Selma loam | 15-24 |
| Selmass loam | 15-24 |
| Selma loam, bedrock substratum | 15-24 |
| Senachwine silt loam | 8-15 |
| Sepo silty clay loam | 15-24 |
| Sexton silt loam | 8-15 |
| Shadeland silt loam | 8-15 |
| Shaffton loam | 15-24 |
| Sharon silt loam | 8-15 |
| Shiloh silty clay loam | >24 |
| Shoals silt loam | 8-15 |
| Shullsburg silt loam | 15-24 |
| Sidell silt loam | 8-15 |
| Skelton fine sandy loam | 8-15 |
| Slacwater silt loam | 8-15 |
| Sogn silt loam | 15-24 |
| Somonauk silt loam | 8-15 |
| Sonsac very cobbly silt loam | 8-15 |
| Sparta loamy sand | <8 |
| Sparta loamy sand, loamy substratum | <8 |
| Springerton loam | 15-24 |
| Starks silt loam | 8-15 |
| Stockland loam | 8-15 |
| Stonelick fine sandy loam | <8 |
| Stookey silt loam | 15-24 |
| Stookey and Timula soils | 8-15 |
| Stookey-Bodine complex | 15-24 |
| Stoy silt loam | 8-15 |
| Strawn silt loam | 8-15 |
| Strawn-Chute complex | 8-15 |
| Strawn-Hennepin loams | 8-15 |
| Streator silty clay loam | >24 |
| Stronghurst silt loam | 8-15 |
| St. Charles silt loam | 8-15 |
| St. Charles silt loam, sandy substratum | 15-24 |
| St. Clair silt loam | 8-15 |
| Sunbury silt loam | 15-24 |
| Swanwick silt loam | 8-15 |
| Swygert silty clay loam | >24 |
| Sylvan silt loam | 8-15 |
| Sylvan-Bold complex | 8-15 |
| Symerton loam | 15-24 |
| Symerton silt loam | 15-24 |
| Tallula silt loam | 15-24 |
| Tallulabold silt loams | 15-24 |
| Tama silt loam | 15-24 |
| Tamalco silt loam | 8-15 |
| Tama silt loam, sandy substratum | 15-24 |
| Tell silt loam | 8-15 |
| Tell-Lamont complex | 8-15 |
| Terril loam | 15-24 |
| Thebes silt loam | 8-15 |
| Thorp silt loam | 15-24 |
| Tice silty clay loam | >24 |
| Timewell silt loam | 15-24 |
| Timewell and Ipava soils | 15-24 |
| Timula silt loam | 8-15 |
| Timula-Hickory complex | 8-15 |
| Timula-Miami complex | 8-15 |
| Titus silty clay loam | >24 |
| Toronto silt loam | 15-24 |
| Torox silt loam | 15-24 |
| Traer silt loam | 8-15 |
| Trempealeau silt loam | 15-24 |
| Troxel silt loam | 15-24 |
| Tuscola loam | 8-15 |
| Twomile silt loam | 8-15 |
| Udolpho loam | 15-24 |
| Udolpho loam, sandy substratum | 15-24 |
| Uniontown silt loam | 8-15 |
| Ursa silt loam | 8-15 |
| Ursa-Atlas complex | 8-15 |
| Ursa-Hickory complex | 8-15 |
| Vanmeter silty clay loam | 15-24 |
| Vanpetten loam | 15-24 |
| Varna silt loam | 15-24 |
| Velma loam | 8-15 |
| Velma-Coatsburg silt loams | 15-24 |
| Velma-Walshville complex | 8-15 |
| Vesser silt loam | 15-24 |
| Virden silty clay loam | >24 |
| Virden-Fosterburg silt loams | >24 |
| Virden-Piasa silt loams | >24 |
| Virgil silt loam | 8-15 |
| Wabash silty clay | >24 |
| Wagner silt loam | 8-15 |
| Wakeland silt loam | 8-15 |
| Wakenda silt loam | 15-24 |
| Wallkill silty clay loam | >24 |
| Wallkill silt loam | 15-24 |
| Ware silt loam | 15-24 |
| Warsaw silt loam | 15-24 |
| Washtenaw silt loam | 15-24 |
| Watseka loamy fine sand | <8 |
| Wauconda silt loam | 8-15 |
| Wauconda and Beecher silt loams | 8-15 |
| Wauconda and Frankfort silt loams | 8-15 |
| Waukee loam | 8-15 |
| Waukegan silt loam | 15-24 |
| Waupecan silt loam | 15-24 |
| Wea silt loam | 15-24 |
| Weinbach silt loam | 8-15 |
| Weir silt loam | 8-15 |
| Wellston silt loam | 8-15 |
| Wellston-Berks complex | 8-15 |
| Wenona silt loam | 15-24 |
| Wenona silt loam, loamy substratum | 15-24 |
| Wesley fine sandy loam | 8-15 |
| Westland clay loam | 15-24 |
| Westmore silt loam | 8-15 |
| Westmore-Neotoma complex | 8-15 |
| Westville silt loam | 8-15 |
| Whalan loam | 8-15 |
| Whalan and NewGlarus silt loams | 8-15 |
| Wheeling silt loam | 8-15 |
| Whitaker silt loam | 8-15 |
| Whitaker variant loam | 8-15 |
| Whitson silt loam | 8-15 |
| Wilbur silt loam | 8-15 |
| Will silty clay loam | >24 |
| Windere silt loam | 15-24 |
| Winfield silt loam | 8-15 |
| Wingate silt loam | 8-15 |
| Winnebago silt loam | 15-24 |
| Wirt silt loam | 8-15 |
| Woodbine silt loam | 8-15 |
| Worthen silt loam | 15-24 |
| Wyanet silt loam | 8-15 |
| Wynoose silt loam | 8-15 |
| Wynoose silt loam, bench | 8-15 |
| Wynoose-Huey complex | 8-15 |
| Xenia silt loam | 8-15 |
| Zanesville silt loam | 8-15 |
| Zanesville-Westmore silt loams | 8-15 |
| Zipp silty clay loam | 15-24 |
| Zook silty clay | >24 |
| Zumbro sandy loam | 8-15 |
| Zurich silt loam | 15-24 |
| Zurich and Morley silt loams | 15-24 |
| Zurich and Nappanee silt loams | 15-24 |
| Zwingle silt loam | 8-15 |

(Source: Added at 32 Ill. Reg. 1308, effective January 21, 2008)