

Johnson County, Iowa

Print date: 10/05/2015

Prime and other Important Farmland

(Only the soils considered prime or important farmland are listed. Urban or built-up areas of the soils listed are not considered prime or important farmland. If a soil is prime or important farmland only under certain conditions, the conditions are specified in parentheses after the soil name.)

| Map symbol | Map unit name | Farmland Classification |
|------------|--|----------------------------------|
| 7 | Wiota silt loam, 1 to 3 percent slopes | All areas are prime farmland |
| 11B | Colo-Ely complex, 2 to 5 percent slopes | Prime farmland if drained |
| 41 | Sparta loamy fine sand, 0 to 2 percent slopes | Prime farmland if irrigated |
| 41B | Sparta loamy fine sand, 2 to 5 percent slopes | Prime farmland if irrigated |
| 41C | Sparta loamy fine sand, 5 to 9 percent slopes | Farmland of statewide importance |
| 43 | Bremer silty clay loam, 0 to 2 percent slopes | Prime farmland if drained |
| 54 | Zook silty clay loam, 0 to 2 percent slopes | Prime farmland if drained |
| 63B | Chelsea loamy fine sand, 2 to 5 percent slopes | Prime farmland if irrigated |
| 63C | Chelsea loamy fine sand, 5 to 9 percent slopes | Farmland of statewide importance |
| 65D2 | Lindley loam, 9 to 14 percent slopes, moderately eroded | Farmland of statewide importance |
| 75 | Givin silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 76B | Ladoga silt loam, 2 to 5 percent slopes | All areas are prime farmland |
| 76C2 | Ladoga silt loam, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| 76D2 | Ladoga silt loam, 9 to 14 percent slopes, eroded | Farmland of statewide importance |
| 80B | Clinton silt loam, 2 to 5 percent slopes | All areas are prime farmland |
| 80C | Clinton silt loam, 5 to 9 percent slopes | Farmland of statewide importance |
| 80C2 | Clinton silt loam, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| 80D | Clinton silt loam, 9 to 14 percent slopes | Farmland of statewide importance |
| 80D2 | Clinton silt loam, 9 to 14 percent slopes, eroded | Farmland of statewide importance |
| 80D3 | Clinton silty clay loam, 9 to 14 percent slopes, severely eroded | Farmland of statewide importance |
| 83B | Kenyon loam, 2 to 5 percent slopes | All areas are prime farmland |
| 83C2 | Kenyon loam, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| 88 | Nevin silty clay loam, 0 to 2 percent slopes | All areas are prime farmland |
| 110B | Lamont fine sandy loam, 2 to 5 percent slopes | All areas are prime farmland |
| 110C | Lamont fine sandy loam, 5 to 9 percent slopes | Farmland of statewide importance |
| 118 | Garwin silty clay loam, 0 to 2 percent slopes | Prime farmland if drained |
| 119 | Muscatine silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 119B | Muscatine silty clay loam, 2 to 5 percent slopes | All areas are prime farmland |
| 121B | Tama silt loam, 2 to 5 percent slopes | All areas are prime farmland |
| 121C | Tama silt loam, 5 to 9 percent slopes | Farmland of statewide importance |
| 121C2 | Tama silt loam, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| 121D2 | Tama silt loam, 9 to 14 percent slopes, eroded | Farmland of statewide importance |
| 122 | Sperry silt loam, 0 to 1 percent slopes | Prime farmland if drained |
| 133 | Colo silty clay loam, 0 to 2 percent slopes | Prime farmland if drained |
| 133+ | Colo silt loam, overwash, 0 to 2 percent slopes | Prime farmland if drained |
| 135 | Coland silty clay loam, 0 to 2 percent slopes | Prime farmland if drained |
| 140 | Sparta loamy fine sand, thick surface, 0 to 2 percent slopes | Farmland of statewide importance |
| 141 | Watseka loamy fine sand, 0 to 2 percent slopes | Farmland of statewide importance |
| 160 | Walford silt loam, 0 to 1 percent slopes | Prime farmland if drained |
| 161 | Walford-Atterberry silt loams, 1 to 3 percent slopes | Prime farmland if drained |
| 165 | Stronghurst silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 171B | Bassett loam, 2 to 5 percent slopes | All areas are prime farmland |
| 171C2 | Bassett loam, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| 171D2 | Bassett loam, 9 to 14 percent slopes, eroded | Farmland of statewide importance |
| 171D3 | Bassett loam, 9 to 14 percent slopes, severely eroded | Farmland of statewide importance |
| 173 | Hoopston fine sandy loam, 0 to 2 percent slopes | All areas are prime farmland |
| 174B | Bolan loam, 2 to 5 percent slopes | All areas are prime farmland |
| 175 | Dickinson fine sandy loam, 0 to 2 percent slopes | All areas are prime farmland |
| 175B | Dickinson fine sandy loam, 2 to 5 percent slopes | All areas are prime farmland |
| 175C | Dickinson fine sandy loam, 5 to 9 percent slopes | Farmland of statewide importance |
| 178 | Waukee loam, 0 to 2 percent slopes | All areas are prime farmland |
| 179D2 | Gara loam, 9 to 14 percent slopes, moderately eroded | Farmland of statewide importance |
| 184 | Klinger silty clay loam, 1 to 3 percent slopes | All areas are prime farmland |
| 220 | Nodaway silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 226 | Lawler loam, 32 to 40 inches to sand and gravel, 0 to 2 | All areas are prime farmland |

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percent slopes
 279 Taintor silty clay loam, 0 to 2 percent slopes Prime farmland if drained
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| Map symbol | Map unit name | Farmland Classification |
|------------|--|---|
| 280 | Mahaska silty clay loam, 0 to 2 percent slopes | All areas are prime farmland |
| 281B | Otley silty clay loam, 2 to 5 percent slopes | All areas are prime farmland |
| 281C2 | Otley silty clay loam, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| 281D2 | Otley silty clay loam, 9 to 14 percent slopes, eroded | Farmland of statewide importance |
| 284 | Flagler sandy loam, 0 to 2 percent slopes | Farmland of statewide importance |
| 285C | Burkhardt sandy loam, 5 to 9 percent slopes | Farmland of statewide importance |
| 291 | Atterberry silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 291B | Atterberry silt loam, 2 to 5 percent slopes | All areas are prime farmland |
| 293C | Chelsea-Fayette-Lamont complex, 5 to 9 percent slopes | Farmland of statewide importance |
| 293C2 | Chelsea-Fayette-Lamont complex, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| 293D | Chelsea-Fayette-Lamont complex, 9 to 14 percent slopes | Farmland of statewide importance |
| 293D2 | Chelsea-Fayette-Lamont complex, 9 to 14 percent slopes, eroded | Farmland of statewide importance |
| 293E | Chelsea-Fayette-Lamont complex, 14 to 18 percent slopes | Farmland of statewide importance |
| 293E2 | Chelsea-Fayette-Lamont complex, 14 to 18 percent slopes, eroded | Farmland of statewide importance |
| 320 | Arenzville silt loam, 0 to 2 percent slopes | Prime farmland if protected from flooding or not frequently flooded during the growing season |
| 350B | Waukegan silt loam, 1 to 5 percent slopes | All areas are prime farmland |
| 352B | Whittier silt loam, 2 to 5 percent slopes | All areas are prime farmland |
| 352C2 | Whittier silt loam, 5 to 9 percent slopes, moderately eroded | Farmland of statewide importance |
| 377B | Dinsdale silty clay loam, 2 to 5 percent slopes | All areas are prime farmland |
| 377C2 | Dinsdale silty clay loam, 5 to 9 percent slopes, moderately eroded | Farmland of statewide importance |
| 382 | Maxfield silty clay loam, 0 to 2 percent slopes | Prime farmland if drained |
| 420B | Tama silty clay loam, terrace, 2 to 5 percent slopes | All areas are prime farmland |
| 422 | Amana silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 428B | Ely silt loam, 2 to 5 percent slopes | All areas are prime farmland |
| 430 | Ackmore silt loam, 0 to 2 percent slopes | Prime farmland if protected from flooding or not frequently flooded during the growing season |
| 442B | Tama-Dickinson complex, 2 to 5 percent slopes | All areas are prime farmland |
| 442C2 | Tama-Dickinson complex, 5 to 9 percent slopes, moderately eroded | Farmland of statewide importance |
| 442D2 | Tama-Dickinson complex, 9 to 14 percent slopes, moderately eroded | Farmland of statewide importance |
| 453 | Tuskeego silt loam, 0 to 2 percent slopes | Prime farmland if drained |
| 484 | Lawson silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 485 | Spillville loam, 0 to 2 percent slopes | All areas are prime farmland |
| 520 | Coppock silt loam, 0 to 2 percent slopes | Prime farmland if drained |
| 539 | Perks sandy loam, 0 to 2 percent slopes | Farmland of statewide importance |
| 621 | Houghton muck, 0 to 2 percent slopes | Farmland of statewide importance |
| 687 | Watkins silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 687B | Watkins silt loam, 2 to 5 percent slopes | All areas are prime farmland |
| 688 | Koszta silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 727 | Udolpho loam, 0 to 2 percent slopes | Prime farmland if drained |
| 729B | Nodaway-Arenzville silt loams, 1 to 4 percent slopes | All areas are prime farmland |
| 760 | Ansgar silt loam, 0 to 3 percent slopes | Prime farmland if drained |
| 761 | Franklin silt loam, 1 to 3 percent slopes | All areas are prime farmland |
| 771B | Waubeeek silt loam, 2 to 5 percent slopes | All areas are prime farmland |
| 771C2 | Waubeeek silt loam, 5 to 9 percent slopes, moderately eroded | Farmland of statewide importance |
| 778 | Sattre loam, 0 to 2 percent slopes | All areas are prime farmland |
| 778B | Sattre loam, 2 to 5 percent slopes | All areas are prime farmland |
| 792D2 | Armstrong loam, 9 to 14 percent slopes, moderately eroded | Farmland of statewide importance |
| 793 | Bertrand silt loam, 1 to 3 percent slopes | All areas are prime farmland |
| 826 | Rowley silt loam, 0 to 2 percent slopes | All areas are prime farmland |
| 876B | Ladoga silt loam, terrace, 2 to 5 percent slopes | All areas are prime farmland |
| 920 | Tama silt loam, sandy substratum, 0 to 2 percent slopes | All areas are prime farmland |
| 920B | Tama silt loam, sandy substratum, 2 to 5 percent slopes | All areas are prime farmland |

962 Elvira silty clay loam, 0 to 2 percent slopes
 Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

Prime and other Important Farmland

| Map symbol | Map unit name | Farmland Classification |
|------------|--|----------------------------------|
| 974B | Bolan loam, loamy substratum, 2 to 5 percent slopes | All areas are prime farmland |
| 976 | Raddle silt loam, 1 to 3 percent slopes | All areas are prime farmland |
| 993D2 | Gara-Armstrong loams, 9 to 14 percent slopes, moderately eroded | Farmland of statewide importance |
| 1119 | Muscatine silty clay loam, terrace, 0 to 2 percent slopes | All areas are prime farmland |
| 1152 | Marshan clay loam, 0 to 2 percent slopes, rarely flooded | Prime farmland if drained |
| 1160 | Walford silt loam, benches, 0 to 1 percent slopes | Prime farmland if drained |
| 1226 | Lawler loam, 0 to 2 percent slopes, rarely flooded | All areas are prime farmland |
| 1280 | Mahaska silty clay loam, terrace, 0 to 2 percent slopes | All areas are prime farmland |
| 1291 | Atterberry silt loam, benches, 0 to 2 percent slopes | All areas are prime farmland |
| 1727 | Udolpho loam, 0 to 2 percent slopes | Prime farmland if drained |
| 2422 | Amana-Lawson-Perks complex, 0 to 2 percent slopes | Farmland of statewide importance |
| M162B | Downs silt loam, till plain, 2 to 5 percent slopes | All areas are prime farmland |
| M162C | Downs silt loam, till plain, 5 to 9 percent slopes | Farmland of statewide importance |
| M162C2 | Downs silt loam, till plain, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| M162D2 | Downs silt loam, till plain, 9 to 14 percent slopes, eroded | Farmland of statewide importance |
| M163B | Fayette silt loam, till plain, 2 to 5 percent slopes | All areas are prime farmland |
| M163C | Fayette silt loam, till plain, 5 to 9 percent slopes | Farmland of statewide importance |
| M163C2 | Fayette silt loam, till plain, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| M163D | Fayette silt loam, till plain, 9 to 14 percent slopes | Farmland of statewide importance |
| M163D2 | Fayette silt loam, till plain, 9 to 14 percent slopes, eroded | Farmland of statewide importance |
| M163D3 | Fayette silty clay loam, till plain, 9 to 14 percent slopes, severely eroded | Farmland of statewide importance |
| M163E | Fayette silt loam, till plain, 14 to 18 percent slopes | Farmland of statewide importance |
| M163E2 | Fayette silt loam, till plain, 14 to 18 percent slopes, eroded | Farmland of statewide importance |
| P162B | Downs silt loam, paha, 2 to 5 percent slopes | All areas are prime farmland |
| P162C | Downs silt loam, paha, 5 to 9 percent slopes | Farmland of statewide importance |
| P162C2 | Downs silt loam, paha, 5 to 9 percent slopes, eroded | Farmland of statewide importance |
| P162D2 | Downs silt loam, paha, 9 to 14 percent slopes, eroded | Farmland of statewide importance |