

Land Classification Interpretations
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Prime and Important Farmland

Prime farmland is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops, and is also available for these uses (the land could be cropland, pastureland, forest land, or other land, but not urban built-up land or water). It has the soil quality, growing season, and moisture supply needed to economically produce sustained high yields of crops when treated and managed, including water management, according to acceptable farming methods.

In general, prime farmlands have an adequate and dependable water supply from precipitation or irrigation, a favorable temperature and growing season, acceptable acidity or alkalinity, acceptable salt content, and few or no rocks. They are permeable to water and air. Prime farmlands are not excessively erodible or saturated with water for a long period of time, and they either do not flood frequently or are protected from flooding.

This section includes lists of soil survey map units that meet the soil requirements for prime farmland in the county and state. Soils that have limitations, such as a high water table or flooding, may qualify as prime farmland if these limitations are overcome by such measures as drainage or flood control. State important soils are also noted.

This subsection includes:

- **(a) County Prime Farmland List**
- **(b) Missouri's Soil Survey Mapping Units Denoting Prime Farmland and Farmland of Statewide Importance**

Bollinger County, Missouri
 Prime Farmland

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

Map symbol	Soil name
60055	Winfield silt loam, 2 to 5 percent slopes
66000	Moniteau silt loam, 0 to 3 percent slopes, occasionally flooded (Prime farmland if drained)
66054	Wakeland silt loam, 0 to 3 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
66055	Haymond silt loam, 0 to 3 percent slopes, occasionally flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
73100	Wrengart silt loam, 2 to 5 percent slopes
74644	Deible silt loam, 1 to 3 percent slopes (Prime farmland if drained)
74679	Higdon silt loam, 0 to 3 percent slopes, rarely flooded
74680	Moniteau silt loam, 0 to 3 percent slopes, rarely flooded (Prime farmland if drained)
74685	Auxvasse silt loam, 2 to 5 percent slopes
75379	Kaintuck loam, 0 to 3 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
75381	Bearthicket silt loam, 0 to 3 percent slopes, rarely flooded
75395	Jamesfin silt loam, 0 to 3 percent slopes, occasionally flooded
75408	Secesh silt loam, 0 to 3 percent slopes, rarely flooded
75416	Gladden loam, 0 to 3 percent slopes, occasionally flooded
75426	Gabriel silt loam, 0 to 3 percent slopes, rarely flooded (Prime farmland if drained)
75430	Wideman fine sandy loam, 0 to 3 percent slopes, occasionally flooded
75451	Gladden silt loam, 0 to 3 percent slopes, occasionally flooded
75467	Wilbur silt loam, 0 to 3 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
75468	Elsah silt loam, 0 to 3 percent slopes, occasionally flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
80000	Calhoun silt loam, 0 to 1 percent slopes (Prime farmland if drained)
80001	Oaklimeter silt loam, 0 to 1 percent slopes
82000	Dubbs silt loam, 0 to 1 percent slopes
82001	Amagon silt loam, 0 to 1 percent slopes, frequently ponded (Prime farmland if drained)
82002	Forestdale silty clay loam, 0 to 1 percent slopes, frequently ponded (Prime farmland if drained)
82006	Bosket fine sandy loam, 1 to 5 percent slopes
82007	Bosket loam, 0 to 3 percent slopes, occasionally flooded

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Map symbol	Soil name
82009	Forestdale silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)
82010	Amagon silt loam, 0 to 1 percent slopes (Prime farmland if drained)
82011	Crowley silt loam, 0 to 1 percent slopes (Prime farmland if drained)
86000	Dubbs silt loam, 0 to 3 percent slopes, occasionally flooded
86001	Calhoun silt loam, 0 to 1 percent slopes, occasionally flooded (Prime farmland if drained)
86002	Falaya silt loam, 0 to 1 percent slopes, occasionally flooded
86003	Amagon silt loam, 0 to 1 percent slopes, occasionally flooded (Prime farmland if drained)
86004	Forestdale silty clay loam, 0 to 1 percent slopes, occasionally flooded (Prime farmland if drained)