

<b>Land Classification Interpretations</b>
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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**

St Charles 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
3	Twomile silt loam, rarely flooded (Prime farmland if drained)
7B	Menfro silt loam, 2 to 5 percent slopes
11	Dockery silt loam, occasionally flooded
12	Kennebec silt loam, occasionally flooded
13	Auxvasse silt loam, rarely flooded
35B	Mexico silt loam, 1 to 5 percent slopes
37	Marion silt loam
40	Westerville silt loam, rarely flooded
41	Freeburg silt loam, rarely flooded
43	Cedargap silt loam, occasionally flooded
44	Sensabaugh silt loam, occasionally flooded
48A	Weller silt loam, 0 to 2 percent slopes
48B	Weller silt loam, 2 to 5 percent slopes
62	Edinburg silty clay loam (Prime farmland if drained)
63B	Herrick silt loam, 2 to 5 percent slopes
70	Booker clay, frequently flooded (Prime farmland if drained)
71	Waldron silty clay, occasionally flooded
72	Blake silty clay loam, occasionally flooded
73	Haynie silt loam, rarely flooded
74	Carr fine sandy loam, occasionally flooded
76	Haynie-Blake complex, occasionally flooded
79	Dupo silt loam, occasionally flooded
80	Portage clay, occasionally flooded (Prime farmland if drained)
81	Haymond silt loam, occasionally flooded
82	Chequest silt loam, occasionally flooded (Prime farmland if drained)
83	Lomax loam, rarely flooded
84	Blase silty clay loam, rarely flooded
85	Carlow silty clay loam, occasionally flooded (Prime farmland if drained)
86	Kampville silt loam, occasionally flooded (Prime farmland if drained)
90	Hurst silt loam, rarely flooded (Prime farmland if drained)