

<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**

Moniteau 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
CaA	Willowfork silt loam, 0 to 1 percent slopes, frequently flooded (Prime farmland if drained)
CrB	Crelton silt loam, 3 to 7 percent slopes
CrB2	Crelton silt loam, 3 to 7 percent slopes, eroded
Dg	Dunning silt loam, frequently flooded
Du	Dunning silty clay, occasionally flooded
EdB	Crestmeade silt loam, 2 to 5 percent slopes
EdB2	Crestmeade silt loam, 2 to 5 percent slopes, eroded
FrA	Triplett silt loam, 1 to 2 percent slopes (Prime farmland if drained)
GsB	Glensted silt loam, 2 to 5 percent slopes
GsB2	Glensted silt loam, 2 to 5 percent slopes, eroded
Hu	Sturkie silt loam, frequently flooded
Ls	Lindside silt loam, frequently flooded
McB	McGirk silt loam, 2 to 5 percent slopes
McB2	McGirk silt loam, 2 to 5 percent slopes, eroded
Me	Melvin silt loam, occasionally flooded (Prime farmland if drained)
On	Leta silty clay, occasionally flooded
RaA	Moniteau silt loam, 1 to 2 percent slopes, occasionally flooded
Sa	Carr fine sandy loam, occasionally flooded
SeA	Crestmeade silt loam, 0 to 2 percent slopes
SeB	Crestmeade silt loam, 2 to 5 percent slopes
SeB2	Crestmeade silt loam, 2 to 5 percent slopes, eroded
We	Lowassie silt loam