

Prime farmland is one of several kinds of important farmland defined by the U.S. Department of Agriculture. It is of major importance in meeting the Nation's short- and long-range needs for food and fiber. Because the supply of high-quality farmland is limited, the U.S. Department of Agriculture recognizes that responsible levels of government, as well as individuals, should encourage and facilitate the wise use of our Nation's prime farmland.

Prime farmland, as defined by the U.S. Department of Agriculture, is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is available for these uses. It could be cultivated land, pastureland, forestland, or other land, but it is not urban or built-up land or water areas. The soil qualities, growing season, and moisture supply are those needed for the soil to economically produce sustained high yields of crops when proper management, including water management, and acceptable farming methods are applied. In general, prime farmland has an adequate and dependable supply of moisture from precipitation or irrigation, a favorable temperature and growing season, acceptable acidity or alkalinity, an acceptable salt and sodium content, and few or no rocks. It is permeable to water and air. It is not excessively erodible or saturated with water for long periods, and it either is not frequently flooded during the growing season or is protected from flooding. Slope ranges mainly from 0 to 6 percent. More detailed information about the criteria for prime farmland is available at the local office of the Natural Resources Conservation Service.

A recent trend in land use in some parts of the survey area has been the loss of some prime farmland to industrial and urban uses. The loss of prime farmland to other uses puts pressure on marginal lands, which generally are more erodible, droughty, and less productive and cannot be easily cultivated.

The map units in the survey area that are considered prime farmland are listed in the following table. This list does not constitute a recommendation for a particular land use. On some soils included in the list, measures that overcome a hazard or limitation, such as flooding, wetness, and droughtiness, are needed. Onsite evaluation is needed to determine whether or not the hazard or limitation has been overcome by corrective measures. The extent of each listed map unit is shown in the "Acres and Proportionate Extent of Soils" table. The location is shown on the detailed soil maps. The soil qualities that affect use and management are described in other tables in this document."

Map symbol	Mapunit name	Farmland Classification
015LS	Ladysmith silty clay loam, 0 to 2 percent slopes	All areas are prime farmland
035VC	Vanoss silt loam, 3 to 7 percent slopes	All areas are prime farmland
035VD	Verdigris silt loam, occasionally flooded	All areas are prime farmland
077CE	Corbin silt loam, 0 to 1 percent slopes	All areas are prime farmland
077CF	Corbin silt loam, 1 to 3 percent slopes	All areas are prime farmland
077GN	Grant silt loam, 0 to 1 percent slopes	All areas are prime farmland
077GS	Grant silt loam, 3 to 6 percent slopes	All areas are prime farmland
077KR	Kirkland-renfrow clay loams, 1 to 3 percent slopes	All areas are prime farmland
077KW	Kirkland-renfrow soils, 1 to 3 percent slopes, eroded	All areas are prime farmland
077PH	Dale silt loam, rarely flooded	All areas are prime farmland
095RA	Renfrow clay loam, 1 to 3 percent slopes	All areas are prime farmland
173EA	Elandco silt loam, rarely flooded	All areas are prime farmland
173LA	Lesho loam, occasionally flooded	All areas are prime farmland
173RA	Renfrow silty clay loam, 1 to 3 percent slopes	All areas are prime farmland
Ba	Bethany silt loam, 0 to 1 percent slopes	All areas are prime farmland
Bb	Bethany silt loam, 1 to 3 percent slopes	All areas are prime farmland
Br	Brewer silty clay loam, rarely flooded	All areas are prime farmland
Ca	Canadian sandy loam, rarely flooded	All areas are prime farmland
CAA	Canadian fine sandy loam, rarely flooded	All areas are prime farmland
Cr	Corbin silt loam, 0 to 2 percent slopes	All areas are prime farmland
Da	Dale silt loam, 2 to 8 percent slopes	All areas are prime farmland
Dr	Dale and reinach silt loams, rarely flooded	All areas are prime farmland
Ea	Elandco silty clay loam, rarely flooded	All areas are prime farmland
Fa	Farnum loam, 0 to 1 percent slopes	All areas are prime farmland
Fb	Farnum loam, 1 to 3 percent slopes	All areas are prime farmland
Fc	Farnum loam, 3 to 6 percent slopes	All areas are prime farmland
IRR	Irwin silty clay loam, 1 to 3 percent slopes	All areas are prime farmland
Ka	Kirkland silt loam, 0 to 1 percent slopes	All areas are prime farmland
Kb	Kirkland silt loam, 1 to 3 percent slopes	All areas are prime farmland
Kc	Kirkland silty clay loam, 1 to 3 percent slopes, eroded	All areas are prime farmland
Lo	Lesho clay loam, occasionally flooded	All areas are prime farmland
Ma	Milan loam, 0 to 1 percent slopes	All areas are prime farmland
Mb	Milan loam, 1 to 3 percent slopes	All areas are prime farmland
Mc	Milan loam, 3 to 6 percent slopes	All areas are prime farmland
Md	Milan loam, 3 to 6 percent slopes, eroded	All areas are prime farmland
Pa	Pond creek silt loam, 0 to 1 percent slopes	All areas are prime farmland
Pb	Pond creek silt loam, 1 to 3 percent slopes	All areas are prime farmland
Pc	Pond creek silt loam, 3 to 6 percent slopes	All areas are prime farmland
Pd	Pond creek silty clay loam, 2 to 6 percent slopes, eroded	All areas are prime farmland
Ra	Renfrow-grainola complex, 1 to 3 percent slopes	All areas are prime farmland
Sa	Shellabarger sandy loam, 1 to 3 percent slopes	All areas are prime farmland
Sb	Shellabarger sandy loam, 3 to 6 percent slopes	All areas are prime farmland
Sc	Shellabarger sandy loam, 3 to 6 percent slopes, eroded	All areas are prime farmland
Ta	Tabler silty clay loam, 0 to 1 percent slopes	All areas are prime farmland
Va	Vanoss silt loam, 0 to 1 percent slopes	All areas are prime farmland
Vb	Vanoss silt loam, 1 to 3 percent slopes	All areas are prime farmland
Vc	Vanoss silt loam, 3 to 6 percent slopes	All areas are prime farmland
Wa	Waurika silt loam, 0 to 1 percent slopes	All areas are prime farmland

