

Prime and other Important Farmlands

This table lists the map units in the survey area that are considered important farmlands. Important farmlands consist of prime farmland, unique farmland, and farmland of statewide or local importance. This list does not constitute a recommendation for a particular land use.

In an effort to identify the extent and location of important farmlands, the Natural Resources Conservation Service, in cooperation with other interested Federal, State, and local government organizations, has inventoried land that can be used for the production of the Nation's food supply.

Prime farmland 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 quality, 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. The water supply is dependable and of adequate quality. Prime farmland 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.

For some of the soils identified in the table as prime farmland, 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.

A recent trend in land use in some areas 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.

Unique farmland is land other than prime farmland that is used for the production of specific high-value food and fiber crops, such as citrus, tree nuts, olives, cranberries, and other fruits and vegetables. It has the special combination of soil quality, growing season, moisture supply, temperature, humidity, air drainage, elevation, and aspect needed for the soil to economically produce sustainable high yields of these crops when properly managed. The water supply is dependable and of adequate quality. Nearness to markets is an additional consideration. Unique farmland is not based on national criteria. It commonly is in areas where there is a special microclimate, such as the wine country in California.

In some areas, land that does not meet the criteria for prime or unique farmland is considered to be *farmland of statewide importance* for the production of food, feed, fiber, forage, and oilseed crops. The criteria for defining and delineating farmland of statewide importance are determined by the appropriate State agencies.

Generally, this land includes areas of soils that nearly meet the requirements for prime farmland and that economically produce high yields of crops when treated and managed according to acceptable farming methods. Some areas may produce as high a yield as prime farmland if conditions are favorable. Farmland of statewide importance may include tracts of land that have been designated for agriculture by State law.

In some areas that are not identified as having national or statewide importance, land is considered to be *farmland of local importance* for the production of food, feed, fiber, forage, and oilseed crops. This farmland is identified by the appropriate local agencies. Farmland of local importance may include tracts of land that have been designated for agriculture by local ordinance.

Report—Prime and other Important Farmlands

Prime and other Important Farmlands—Highlands County, Florida		
Map Symbol	Map Unit Name	Farmland Classification
1	Paola sand, 0 to 8 percent slopes	Farmland of unique importance
2	St. Lucie sand, 0 to 8 percent slopes	Not prime farmland
3	Basinger fine sand, depressional, 0 to 1 percent slopes	Not prime farmland
4	Duette sand, 0 to 5 percent slopes	Not prime farmland
5	Daytona sand, 0 to 5 percent slopes	Not prime farmland
6	Tavares sand, 0 to 5 percent slopes	Not prime farmland
7	Placid fine sand, depressional	Not prime farmland
8	Immokalee sand, 0 to 2 percent slopes	Farmland of unique importance
9	Astatula sand, 0 to 5 percent slopes	Not prime farmland
10	Myakka fine sand, 0 to 2 percent slopes	Farmland of unique importance
11	Orsino sand, 0 to 5 percent slopes	Not prime farmland
12	Basinger fine sand, 0 to 2 percent slopes	Farmland of unique importance
13	Felda fine sand, 0 to 2 percent slopes	Farmland of unique importance
14	Satellite sand, 0 to 2 percent slopes	Not prime farmland
15	Bradenton fine sand, 0 to 2 percent slopes	Not prime farmland
16	Valkaria fine sand, 0 to 2 percent slopes	Not prime farmland
17	Malabar fine sand, 0 to 2 percent slopes	Not prime farmland
18	Kaliga muck, 0 to 1 percent slopes	Farmland of unique importance
19	Hicoria mucky sand, depressional	Not prime farmland
20	Samsula muck, 0 to 1 percent slopes	Not prime farmland
21	Hontoon muck	Farmland of unique importance
22	Brighton muck	Farmland of unique importance
23	Gator muck	Not prime farmland

Prime and other Important Farmlands--Highlands County, Florida		
Map Symbol	Map Unit Name	Farmland Classification
24	Pineda sand	Not prime farmland
25	Chobee fine sandy loam, depressional, 0 to 1 percent slopes	Not prime farmland
26	Tequesta muck	Farmland of unique importance
28	Archbold sand, 0 to 5 percent slopes	Not prime farmland
29	Pomona sand	Not prime farmland
30	Oldsmar fine sand, 0 to 2 percent slopes	Not prime farmland
31	Felda fine sand, depressional	Not prime farmland
32	Arents, very steep	Not prime farmland
33	Basinger, St. Johns, and Placid soils	Not prime farmland
34	Tavares-Basinger-Sanibel complex, rolling	Not prime farmland
35	Sanibel muck	Not prime farmland
36	Pomello sand, 0 to 5 percent slopes	Not prime farmland
37	Malabar sand, depressional, 0 to 1 percent slopes	Not prime farmland
38	EauGallie fine sand, 0 to 2 percent slopes	Not prime farmland
39	Smyrna sand	Farmland of unique importance
40	Arents, organic substratum	Not prime farmland
41	Anclote-Basinger fine sand, frequently flooded	Not prime farmland
42	Astatula-Urban land complex, 0 to 8 percent slopes	Not prime farmland
43	Urban land	Not prime farmland
44	Satellite-Basinger-Urban land complex	Not prime farmland
45	Paola-Basinger sands, rolling	Farmland of unique importance
46	Kaliga muck, frequently flooded	Not prime farmland
47	Astatula sand, 5 to 12 percent slopes	Not prime farmland
48	Astatula sand, 12 to 20 percent slopes	Not prime farmland
49	Udorthents, excavated	Not prime farmland
99	Water	

Data Source Information

Soil Survey Area: Highlands County, Florida
 Survey Area Data: Version 12, Sep 9, 2014