

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—Collier County Area, Florida		
Map Symbol	Map Unit Name	Farmland Classification
2	Holopaw fine sand, limestone substratum	Farmland of unique importance
3	Malabar fine sand, 0 to 2 percent slopes	Farmland of unique importance
4	Chobee, limestone substratum, and Dania mucks, depressional	Not prime farmland
6	Riviera, limestone substratum-Copeland fine sands	Not prime farmland
7	Immokalee fine sand, 0 to 2 percent slopes	Farmland of unique importance
8	Myakka fine sand, 0 to 2 percent slopes	Farmland of unique importance
10	Oldsmar fine sand, limestone substratum	Farmland of unique importance
11	Hallandale fine sand	Not prime farmland
14	Pineda fine sand, limestone substratum	Farmland of local importance
15	Pomello fine sand, 0 to 2 percent slopes	Farmland of unique importance
16	Oldsmar fine sand, 0 to 2 percent slopes	Farmland of unique importance
17	Basinger fine sand, 0 to 2 percent slopes	Farmland of unique importance
18	Riviera fine sand, limestone substratum	Farmland of local importance
20	Ft. Drum and Malabar, high, fine sands	Farmland of unique importance
21	Boca fine sand, 0 to 2 percent slopes	Farmland of local importance
22	Chobee, Winder, and Gator soils, depressional	Farmland of unique importance
23	Holopaw and Okeelanta soils, depressional	Not prime farmland
25	Boca, Riviera, limestone substratum, and Copeland fine sands, depressional	Not prime farmland
27	Holopaw fine sand, 0 to 2 percent slopes	Farmland of unique importance
28	Pineda and Riviera fine sands	Farmland of unique importance
29	Wabasso fine sand, 0 to 2 percent slopes	Farmland of unique importance
31	Hilolo, Jupiter, and Margate fine sands	Not prime farmland

Prime and other Important Farmlands--Collier County Area, Florida		
Map Symbol	Map Unit Name	Farmland Classification
32	Urban land	Not prime farmland
33	Urban land-Holopaw-Basinger complex	Not prime farmland
34	Urban land-Immokalee-Oldsmar, limestone substratum, complex	Not prime farmland
35	Urban land-Aquents complex, organic substratum	Not prime farmland
36	Udorthents, shaped	Not prime farmland
37	Tuscawilla fine sand	Farmland of unique importance
38	Urban land-Matlacha-Boca complex	Not prime farmland
39	Satellite fine sand, 0 to 2 percent slopes	Not prime farmland
40	Durbin and Wulfert mucks, frequently flooded	Not prime farmland
41	Urban land-Satellite complex	Not prime farmland
42	Canaveral-Beaches complex	Not prime farmland
43	Winder, Riviera, limestone substratum, and Chobee soils, depressional	Not prime farmland
45	Paola fine sand, gently rolling	Not prime farmland
48	Pennsuco silt loam	Not prime farmland
49	Hallandale and Boca fine sands	Not prime farmland
50	Ochopee fine sandy loam, low	Not prime farmland
51	Ochopee fine sandy loam	Not prime farmland
52	Kesson muck, frequently flooded	Not prime farmland
53	Estero and Peckish soils, frequently flooded	Not prime farmland
54	Jupiter-Boca complex	Not prime farmland
56	Basinger fine sand, occasionally flooded	Not prime farmland
99	Water	
100	Waters of the Gulf of Mexico	

Data Source Information

Soil Survey Area: Collier County Area, Florida
 Survey Area Data: Version 6, Sep 21, 2014