

Prime and Other Important Farmlands

Franklin County, Massachusetts

Map symbol	Map unit name	Farmland classification
2A	Pootatuck very fine sandy loam, 0 to 3 percent slopes, occasionally flooded	All areas are prime farmland
90A	Hadley very fine sandy loam, 0 to 3 percent slopes, protected	All areas are prime farmland
92A	Winooski silt loam, 0 to 3 percent slopes, protected	All areas are prime farmland
95A	Podunk fine sandy loam, 0 to 3 percent slopes, occasionally flooded	All areas are prime farmland
96A	Hadley very fine sandy loam, 0 to 3 percent slopes, occasionally flooded	All areas are prime farmland
98A	Winooski silt loam, 0 to 3 percent slopes, occasionally flooded	All areas are prime farmland
99A	Occum fine sandy loam, 0 to 3 percent slopes, occasionally flooded	All areas are prime farmland
223A	Scio silt loam, 0 to 3 percent slopes	All areas are prime farmland
223B	Scio silt loam, 3 to 8 percent slopes	All areas are prime farmland
230A	Unadilla silt loam, 0 to 3 percent slopes	All areas are prime farmland
230B	Unadilla silt loam, 3 to 8 percent slopes	All areas are prime farmland
250A	Pollux fine sandy loam, 0 to 3 percent slopes	All areas are prime farmland
250B	Pollux fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
254A	Merrimac fine sandy loam, 0 to 3 percent slopes	All areas are prime farmland
254B	Merrimac fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
258A	Amostown fine sandy loam, 0 to 3 percent slopes	All areas are prime farmland
258B	Amostown fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
260A	Sudbury sandy loam, 0 to 3 percent slopes	All areas are prime farmland
260B	Sudbury sandy loam, 3 to 8 percent slopes	All areas are prime farmland
266A	Warwick channery fine sandy loam, 0 to 3 percent slopes	All areas are prime farmland
266B	Warwick channery fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
275A	Agawam fine sandy loam, 0 to 3 percent slopes	All areas are prime farmland
275B	Agawam fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
276A	Ninigret fine sandy loam, 0 to 3 percent slopes	All areas are prime farmland
276B	Ninigret fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
286B	Sheepscot fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
300B	Montauk fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
305B	Paxton fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
310B	Woodbridge fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
315A	Scituate fine sandy loam, 0 to 3 percent slopes	All areas are prime farmland
315B	Scituate fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
330B	Bernardston silt loam, 3 to 8 percent slopes	All areas are prime farmland
345B	Pittstown silt loam, 3 to 8 percent slopes	All areas are prime farmland
348B	Henniker sandy loam, 3 to 8 percent slopes	All areas are prime farmland
355B	Marlow fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
360B	Peru fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
368A	Metacomet fine sandy loam, 0 to 3 percent slopes	All areas are prime farmland
368B	Metacomet fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
370B	Shelburne fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
375B	Ashfield fine sandy loam, 1 to 8 percent slopes	All areas are prime farmland
390B	Ludlow silt loam, 3 to 8 percent slopes	All areas are prime farmland
397B	Wethersfield very fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
405B	Charlton fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
420B	Canton fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
426B	Newfields fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
444B	Chichester fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland
470B	Dutchess channery silt loam, 3 to 8 percent slopes	All areas are prime farmland
97A	Suncook loamy sand, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance
141B	Dutchess-Cardigan complex, 3 to 8 percent slopes	Farmland of statewide importance
141C	Dutchess-Cardigan complex, 8 to 15 percent slopes	Farmland of statewide importance

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Map symbol	Map unit name	Farmland classification
223C	Scio silt loam, 8 to 15 percent slopes	Farmland of statewide importance
245A	Hinckley loamy sand, 0 to 3 percent slopes	Farmland of statewide importance
245B	Hinckley loamy sand, 3 to 8 percent slopes	Farmland of statewide importance
254C	Merrimac fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
255A	Windsor loamy sand, 0 to 3 percent slopes	Farmland of statewide importance
255B	Windsor loamy sand, 3 to 8 percent slopes	Farmland of statewide importance
256A	Deerfield loamy sand, 0 to 3 percent slopes	Farmland of statewide importance
256B	Deerfield loamy sand, 3 to 8 percent slopes	Farmland of statewide importance
266C	Warwick channery fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
275C	Agawam fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
283B	Colton-Adams complex, 3 to 8 percent slopes	Farmland of statewide importance
300C	Montauk fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
301B	Montauk fine sandy loam, 0 to 8 percent slopes, very stony	Farmland of statewide importance
301C	Montauk fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
305C	Paxton fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
306B	Paxton fine sandy loam, 0 to 8 percent slopes, very stony	Farmland of statewide importance
306C	Paxton fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
310C	Woodbridge fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
311B	Woodbridge fine sandy loam, 0 to 8 percent slopes, very stony	Farmland of statewide importance
311C	Woodbridge fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
315C	Scituate fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
316B	Scituate fine sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
316C	Scituate fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
330C	Bernardston silt loam, 8 to 15 percent slopes	Farmland of statewide importance
331B	Bernardston silt loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
331C	Bernardston silt loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
345C	Pittstown silt loam, 8 to 15 percent slopes	Farmland of statewide importance
346B	Pittstown silt loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
346C	Pittstown silt loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
348C	Henniker sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
349B	Henniker sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
349C	Henniker sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
355C	Marlow fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
356B	Marlow fine sandy loam, 0 to 8 percent slopes, very stony	Farmland of statewide importance
356C	Marlow fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
360C	Peru fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
361B	Peru fine sandy loam, 0 to 8 percent slopes, very stony	Farmland of statewide importance
361C	Peru fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
368C	Metacomet fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
369B	Metacomet fine sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
369C	Metacomet fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
370C	Shelburne fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
371B	Shelburne fine sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
371C	Shelburne fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
375C	Ashfield fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
376B	Ashfield fine sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
376C	Ashfield fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
386B	Essex sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
397C	Wethersfield very fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
405C	Charlton fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance

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Map symbol	Map unit name	Farmland classification
406B	Charlton fine sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
406C	Charlton fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
420C	Canton fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
421B	Canton fine sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
421C	Canton fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
440B	Gloucester sandy loam, 3 to 8 percent slopes	Farmland of statewide importance
441B	Gloucester sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
444C	Chichester fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
445B	Chichester fine sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
445C	Chichester fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
459B	Berkshire and Monadnock soils, 3 to 8 percent slopes, very stony	Farmland of statewide importance
459C	Berkshire and Monadnock soils, 8 to 15 percent slopes, very stony	Farmland of statewide importance
462C	Cheshire fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance
466B	Colrain fine sandy loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
466C	Colrain fine sandy loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
470C	Dutchess channery silt loam, 8 to 15 percent slopes	Farmland of statewide importance
471C	Dutchess channery silt loam, 3 to 15 percent slopes, very stony	Farmland of statewide importance
521B	Lanesboro loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
521C	Lanesboro loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance
525B	Fullam loam, 3 to 8 percent slopes, very stony	Farmland of statewide importance
525C	Fullam loam, 8 to 15 percent slopes, very stony	Farmland of statewide importance

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.