

California Department of Conservation  
FARMLAND MAPPING AND MONITORING PROGRAM

**SOIL CANDIDATE LISTING**

for

**PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE**

**SAN BERNARDINO COUNTY**

U.S. Department of Agriculture, Natural Resources Conservation Service, soil surveys for San Bernardino County include:

Soil Survey of San Bernardino County, Southwestern Part, California,  
January 1980

Soil Survey of San Bernardino County, California, Mojave River Area,  
February 1986

**Beginning in 2000, SSURGO digital soil information has been incorporated into the San Bernardino County Important Farmland Map. Prior versions of the map have not been modified.**

**The SSURGO data includes San Bernardino County, Southwestern Part (published 01/12/2005) and San Bernardino County, Mojave River Area (published 01/12/2005).**

**For more information on the NRCS SSURGO data, please see:  
<http://soils.usda.gov/survey/geography/ssurgo/>**

8/1/95, updated 8/31/09

**SAN BERNARDINO COUNTY  
PRIME FARMLAND SOILS**

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
DAVIS, CALIFORNIA 95616

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR PRIME FARMLAND AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE SAN BERNARDINO COUNTY, SOUTHWESTERN PART; AND SAN BERNARDINO COUNTY, MOJAVE RIVER AREA SOIL SURVEYS.

SAN BERNARDINO COUNTY, SOUTHWESTERN PART

<u>Symbol</u>	<u>Name</u>
Cb	Chino silt loam
CkA	Chualar clay loam, 0 to 2 percent slopes
CkC	Chualar clay loam, 2 to 9 percent slopes
Db	Delhi fine sand
GaC	Garretson very fine sandy loam, 2 to 9 percent slopes
Gr	Grangeville fine sandy loam
GtC	Greenfield sandy loam, 2 to 9 percent slopes
HaC	Hanford coarse sandy loam, 2 to 9 percent slopes
HbA	Hanford sandy loam, 0 to 2 percent slopes
Hr	Hilmar loamy fine sand
MgC	Metz coarse sandy loam, 2 to 9 percent slopes
OaC	Oak Glen sandy loam, 2 to 9 percent slopes
OgD	Oak Glen gravelly sandy loam, 9 to 15 percent slopes
RmC	Ramona sandy loam, 2 to 9 percent slopes
SbC	San Emigdio gravelly sandy loam, 2 to 9 percent slopes
ScA	San Emigdio fine sandy loam, 0 to 2 percent slopes

SAN BERNARDINO COUNTY, SOUTHWESTERN PART continued

<u>Symbol</u>	<u>Name</u>
ScC	San Emigdio fine sandy loam, 2 to 9 percent slopes
StA	Sorrento clay loam, 0 to 2 percent slopes
StB	Sorrento clay loam, 2 to 5 percent slopes

SAN BERNARDINO COUNTY, MOJAVE RIVER AREA\*

<u>Symbol</u>	<u>Name</u>
102	Avawatz-Oak Glen association, gently sloping
105	Bryman loamy fine sand, 0 to 2 percent slopes
106	Bryman loamy fine sand, 2 to 5 percent slopes
107**	Bryman loamy fine sand, 5 to 9 percent slopes (where slopes are less than 7 degrees)
109**	Bryman sandy clay loam, 0 to 2 percent slopes
117	Cajon loamy sand, loamy substratum, 0 to 2 percent slopes
129	Hanford sandy loam, cool, 2 to 9 percent slopes
131	Helendale loamy sand, 0 to 2 percent slopes
132	Helendale loamy sand, 2 to 5 percent slopes
133	Helendale-Bryman loamy sands, 2 to 5 percent slopes
134	Hesperia loamy fine sand, 2 to 5 percent slopes
137	Kimberlina loamy fine sand, cool, 0 to 2 percent slopes
138	Kimberlina loamy fine sand, cool, 2 to 5 percent slopes
139**	Kimberlina gravelly sandy clay loam, cool, 2 to 5 percent slopes
142	Lucerne sandy loam, 0 to 2 percent slopes
143	Lucerne sandy loam, 2 to 5 percent slopes
169	Victorville sandy loam
171	Villa loamy sand
172	Villa loamy sand, hummocky

SAN BERNARDINO COUNTY, MOJAVE RIVER AREA\* continued

<u>Symbol</u>	<u>Name</u>
173	Wasco sandy loam, cool, 0 to 2 percent slopes
174**	Wasco sandy loam, cool, 2 to 5 percent slopes

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\* It is possible that other soil mapping units not listed here may be reclaimed and irrigated such that these units will meet the criteria for Prime Farmland.

\*\* It is possible that a "developed irrigation water supply that is dependable" is not available in some area of this map unit. Such areas will not meet the criteria for Prime Farmland.

Note: Soil 112 was removed from the Prime Farmland list to the Farmland of Statewide Importance list. This change is reflected on the July 1990 map.

**SAN BERNARDINO COUNTY  
FARMLAND OF STATEWIDE  
IMPORTANCE SOILS**

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
DAVIS, CALIFORNIA 95616

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR FARMLAND OF STATEWIDE IMPORTANCE AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE SAN BERNARDINO COUNTY, SOUTHWESTERN PART; AND SAN BERNARDINO COUNTY, MOJAVE RIVER AREA SOIL SURVEYS.

SAN BERNARDINO COUNTY, SOUTHWESTERN PART

<u>Symbol</u>	<u>Name</u>
Gs	Grangeville fine sandy loam, saline-alkali
HaD	Hanford coarse sandy loam, 9 to 15 percent slopes
Me	Merrill silt loam
MoC	Monserate sandy loam, 2 to 9 percent slopes
OgE	Oak Glen gravelly sandy loam, 15 to 30 percent slopes
RmD	Ramona sandy loam, 9 to 15 percent slopes
TuB	Tujunganga loamy sand, 0 to 5 percent slopes

SAN BERNARDINO COUNTY, MOJAVE RIVER AREA\*

<u>Symbol</u>	<u>Name</u>
104**	Bousic clay
112	Cajon sand, 0 to 2 percent slopes
113	Cajon sand, 2 to 9 percent slopes
125	Glendale Variant silt loam, saline-alkali
127**	Halloran sandy loam
140	Lavic loamy fine sand
144	Manet coarse sand, 2 to 5 percent slopes
146	Manet loamy sand, loamy substratum, 0 to 2 percent slopes
153**	Peterman loam
154**	Peterman clay
159	Rosamond loam, saline-alkali

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\* It is possible that other soil mapping units not listed here may be reclaimed and irrigated such that these units will meet the criteria for Farmland of Statewide Importance.

\*\* This unit meets the criteria for Farmland of Statewide Importance only if reclaimed such that conductivity of the saturation extract is less than 16 mmhos/cm and the exchangeable sodium percentage is less than 25 in all horizons within a depth of 40 inches (1 meter) or in the root zone if the root zone is less than 40 inches deep.

Note: Soil 112 was removed from the Prime Farmland list to the Farmland of Statewide Importance list. This change is reflected on the July 1990 map.