

California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

**SOIL CANDIDATE LISTING**

**FOR**

**PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE**

**ORANGE COUNTY**

U.S. Department of Agriculture, Natural Resources Conservation Service,

soil surveys for Orange County include:

Soil Survey of Orange County and Part of Riverside County, California, September  
1978

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

The SSURGO data includes Orange County and Part of Riverside County (published 09/12/2018). The digital surveys contain additional soil units beyond those published in the original paper surveys. Soils on the Prime Farmland and Farmland of Statewide Importance lists that only occur in the SSURGO data are appended in italics at the end of each list.

For more information on the NRCS SSURGO data, please visit the NRCS Soil Geography webpage: <http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/survey/geo/>

07/19/1995, updated 10/13/2020

ORANGE COUNTY  
PRIME FARMLAND SOILS

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 *ORANGE COUNTY and PART of RIVERSIDE COUNTY*, SOIL SURVEY.

ORANGE COUNTY and PART of RIVERSIDE COUNTY

<u>SYMBOL</u>	<u>NAME</u>
122	Bolsa silt loam
123	Bolsa silt loam, drained
124	Bolsa silty clay loam
125	Bolsa silty clay loam, drained
132	Botella clay loam, 2 to 9 percent slopes, warm MAAT
135	Capistrano sandy loam, 2 to 9 percent slopes
139	Chino silty clay loam
140	Chino silty clay loam, drained
146	Corralitos loamy sand
147	Corralitos loamy sand, moderately fine substratum
148	Cropley clay, 0 to 2 percent slopes, warm MAAT
149	Cropley clay, 2 to 9 percent slopes, warm MAAT
155	Garretson gravelly very fine sandy loam, 2 to 9 percent slopes
156	Hanford sandy loam, 2 to 9 percent slopes
157	Hueneme fine sandy loam
158	Hueneme fine sandy loam, drained
161	Marina loamy sand, 0 to 2 percent slopes
162	Marina loamy sand, 2 to 9 percent slopes
163	Metz loamy sand
164	Metz loamy sand, moderately fine substratum
165	Mocho sandy loam, 0 to 2 percent slopes, warm MAAT
166	Mocho loam, 0 to 2 percent slopes, warm MAAT
168	Modjeska gravelly loam, 0 to 2 percent slopes
169	Modjeska gravelly loam, 2 to 9 percent slopes
186	Ramona fine sandy loam, 2 to 9 percent slopes
188	Rincon clay loam, 2 to 9 percent slopes
194	San Emigdio fine sandy loam, 0 to 2 percent slopes
195	San Emigdio fine sandy loam, 2 to 9 percent slopes
196	San Emigdio fine sandy loam, moderately fine substratum, 0 to 2 percent slopes
205	Sorrento sandy loam, 0 to 2 percent slopes, warm MAAT
206	Sorrento loam, 0 to 2 percent slopes, warm MAAT
207	Sorrento loam, 2 to 9 percent slopes, warm MAAT

ORANGE COUNTY  
PRIME FARMLAND SOILS

<u>SYMBOL</u>	<u>NAME</u>
208	Sorrento clay loam, 0 to 2 percent slopes, warm MAAT
209	Sorrento clay loam, 2 to 9 percent slopes, warm MAAT

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Note: MAAT is Mean Annual Air Temperature.

ORANGE COUNTY  
FARMLAND OF STATEWIDE  
IMPORTANCE SOILS

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 *ORANGE COUNTY and PART of RIVERSIDE COUNTY*, SOIL SURVEY.

ORANGE COUNTY and PART of RIVERSIDE COUNTY

<u>SYMBOL</u>	<u>NAME</u>
100	Alo clay, 9 to 15 percent slopes
103	Alo variant clay, 9 to 15 percent slopes
131	Botella loam, 2 to 9 percent slopes, warm MAAT, lower MAP
136	Capistrano sandy loam, 9 to 15 percent slopes
167	Mocho loam, 2 to 9 percent slopes, warm MAAT
170	Modjeska gravelly loam, 9 to 15 percent slopes
178	Myford sandy loam, thick surface, 0 to 2 percent slopes
179	Myford sandy loam, thick surface, 2 to 9 percent slopes
182	Omni silt loam, drained
183	Omni clay
184	Omni clay, drained
210	Thapto-Histic fluvaquents
<i>CnCwr</i>	<i>Cortina gravelly coarse sandy loam, 2 to 8 percent slopes</i>

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Note: MAAT is Mean Annual Air Temperature and MAP is Mean Annual Precipitation.