

California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

**SOIL CANDIDATE LISTING
FOR
PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE
SAN LUIS OBISPO COUNTY**

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

soil surveys for San Luis Obispo County include:

Soil Survey of Northern Santa Barbara Area, California, July 1972

Soil Survey of San Luis Obispo County, California, Paso Robles Area, May 1983

Soil Survey of San Luis Obispo County, California, Coastal Part, September 1984

Soil Survey of San Luis Obispo County, California, Carrizo Plain Area, March 2004

Beginning in 2002, SSURGO digital soil information has been incorporated into the San Luis Obispo County Important Farmland Map. Prior versions of the map have not been modified.

The SSURGO data includes Northern Santa Barbara Area (published 09/12/2018); San Luis Obispo County, Paso Robles Area (published 09/14/2018); San Luis Obispo County, Coastal Part (published 09/12/2018); and San Luis Obispo County, Carrizo Plain Area (published 09/13/2018). 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/>

08/25/1995, updated 12/18/2021

SAN LUIS OBISPO 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 *NORTHERN SANTA BARBARA AREA; SAN LUIS OBISPO COUNTY, PASO ROBLES AREA; SAN LUIS OBISPO COUNTY, COASTAL PART; AND SAN LUIS OBISPO COUNTY, CARRIZO PLAIN AREA*, SOIL SURVEYS.

NORTHERN SANTA BARBARA AREA

<u>SYMBOL</u>	<u>NAME</u>
AgA	Agueda silty clay loam, 0 to 2 percent slopes
AgC	Agueda silty clay loam, 2 to 9 percent slopes
BaA	Ballard fine sandy loam, 0 to 2 percent slopes
BaC	Ballard fine sandy loam, 2 to 9 percent slopes
BbA	Ballard gravelly fine sandy loam, 0 to 2 percent slopes
BbC	Ballard gravelly fine sandy loam, 2 to 9 percent slopes
Bd*	Bayshore loam, drained
Be*	Bayshore loam, sandy substratum, drained
BoA	Botella loam, 0 to 2 percent slopes
BoA2	Botella loam, 0 to 2 percent slopes, eroded
BsA*	Botella loam, slightly wet, 0 to 2 percent slopes
BtA	Botella clay loam, 0 to 2 percent slopes
BtA2	Botella clay loam, 0 to 2 percent slopes, eroded
BtC	Botella clay loam, 2 to 9 percent slopes
Ca*	Camarillo sandy loam, 0 to 2 percent slopes, cool MAAT
Cb*	Camarillo sandy loam, drained
Cc*	Camarillo very fine sandy loam
CuA	Corralitos loamy sand, 0 to 2 percent slopes
CuC	Corralitos loamy sand, 2 to 9 percent slopes
Cv#	Cropley silty clay
EdA	Elder sandy loam, 0 to 2 percent slopes
EdA2#	Elder sandy loam, 0 to 2 percent slopes, eroded
EdC2#	Elder sandy loam, 2 to 9 percent slopes, eroded
EmA	Elder loam, 0 to 2 percent slopes
EmC	Elder loam, 2 to 9 percent slopes
EnA2#	Elder shaly loam, 0 to 2 percent slopes, eroded
EnC2#	Elder shaly loam, 2 to 9 percent slopes, eroded
GaA2	Garey sandy loam, 0 to 2 percent slopes, eroded
GbB*	Garey loam, wet variant, 0 to 5 percent slopes
MnA#	Metz loamy sand, 0 to 2 percent slopes
MnC#	Metz loamy sand, 2 to 9 percent slopes
MnC2#	Metz loamy sand, 2 to 9 percent slopes, eroded

SAN LUIS OBISPO COUNTY
PRIME FARMLAND SOILS

<u>SYMBOL</u>	<u>NAME</u>
MoA [#]	Metz loamy sand, overflow, 0 to 2 percent slopes
Mr [#]	Mocho sandy loam, overflow
Ms	Mocho sandy loam, sandy substratum
Mt [#]	Mocho sandy loam, sandy substratum, overflow
Mu	Mocho fine sandy loam, 0 to 2 percent slopes
Mv	Mocho loam, 0 to 2 percent slopes
Mw [#]	Mocho loam, overflow
Mx	Mocho silty clay loam, 0 to 2 percent slopes
PcA	Panoche sandy loam, 0 to 2 percent slopes
PcC	Panoche sandy loam, 2 to 9 percent slopes
PdA [#]	Panoche sandy loam, overflow, 0 to 2 percent slopes
PdB [#]	Panoche sandy loam, overflow, 2 to 5 percent slopes
PeA	Panoche loam, 0 to 2 percent slopes
PeC	Panoche loam, 2 to 9 percent slopes
PfA [#]	Panoche loam, overflow, 0 to 2 percent slopes
PnA	Pleasanton sandy loam, 0 to 2 percent slopes
PnC	Pleasanton sandy loam, 2 to 9 percent slopes
PrA	Pleasanton very fine sandy loam, 0 to 2 percent slopes
PrC	Pleasanton very fine sandy loam, 2 to 9 percent slopes
SaA	Salinas loam, 0 to 2 percent slopes
SaC	Salinas loam, 2 to 9 percent slopes
SbA [#]	Salinas loam, overflow, 0 to 2 percent slopes
SdA	Salinas silty clay loam, 0 to 2 percent slopes
SdC	Salinas silty clay loam, 2 to 9 percent slopes
StA	Sorrento sandy loam, 0 to 2 percent slopes
StC	Sorrento sandy loam, 2 to 9 percent slopes
SuA	Sorrento sandy loam, sandy substratum, 0 to 2 percent slopes
SvA	Sorrento loam, 0 to 2 percent slopes
SvC	Sorrento loam, 2 to 9 percent slopes
SwB2 [#]	Sorrento clay loam, 0 to 5 percent slopes, eroded
WaB	Wasioja fine sandy loam, 2 to 5 percent slopes

* Prime Farmland if drained. (Soils Bd, Be, BsA, Ca, Cb, Cc, and GbB)

Prime Farmland if either protected from flooding or not frequently flooded during the growing season. (Soils Cv, EdA2, EdC2, EnA2, EnC2, MnA, MnC, MnC2, MoA, Mr, Mt, Mw, PdA, PdB, PfA, SbA, and SwB2)

Note: MAAT is Mean Annual Air Temperature (Soil Ca).

Note: Soil GaC2 (Garey sandy loam, 2 to 9 percent slopes, eroded) was moved to the Farmland of Statewide Importance list per NRCS (10/17/2005).

SAN LUIS OBISPO COUNTY
PRIME FARMLAND SOILS

SAN LUIS OBISPO COUNTY, PASO ROBLES AREA

<u>SYMBOL</u>	<u>NAME</u>
100	Arbuckle fine sandy loam, 0 to 2 percent slopes
101	Arbuckle fine sandy loam, 2 to 9 percent slopes
116	Botella sandy loam, 2 to 9 percent slopes
130	Clear Lake clay, drained, 0 to 1 percent slopes
132	Cropley clay, 0 to 2 percent slopes
133	Cropley clay, 2 to 9 percent slopes
138	Elder loam, 0 to 2 percent slopes
139	Elder loam, 2 to 9 percent slopes
140*	Elder loam, 0 to 5 percent slopes, flooded
147	Hanford and Greenfield soils, 0 to 2 percent slopes
149	Hanford and Greenfield gravelly sandy loams, 0 to 2 percent slopes
150	Hanford and Greenfield gravelly sandy loams, 2 to 9 percent slopes
157	Lockwood channery loam, 0 to 2 percent slopes
173	Mocho clay loam, 0 to 2 percent slopes
174	Mocho clay loam, 2 to 9 percent slopes
182	Oceano loamy sand, 2 to 9 percent slopes
183	Pico fine sandy loam, 0 to 2 percent slopes
184	Pico fine sandy loam, 2 to 9 percent slopes
187	Rincon clay loam, 0 to 2 percent slopes
188	Rincon clay loam, 2 to 9 percent slopes
191	Ryer clay loam, 2 to 9 percent slopes
194	San Emigdio fine sandy loam, 0 to 2 percent slopes, cool
195	San Emigdio fine sandy loam, 2 to 9 percent slopes, cool
205	Sorrento clay loam, 0 to 2 percent slopes
206	Sorrento clay loam, 2 to 9 percent slopes
207	Still gravelly loam, 0 to 2 percent slopes
208	Still clay loam, 0 to 2 percent slopes
209	Still clay loam, 2 to 9 percent slopes

* Prime Farmland if drained. (Soil 140)

SAN LUIS OBISPO COUNTY, COASTAL PART

<u>SYMBOL</u>	<u>NAME</u>
111*	Camarillo sandy loam, 0 to 2 percent slopes, cool MAAT
112*	Camarillo loam, drained
113	Capistrano sandy loam, undulating
114	Capistrano sandy loam, rolling
127	Cropley clay, 0 to 2 percent slopes
128	Cropley clay, 2 to 9 percent slopes
129	Diablo clay, 5 to 9 percent slopes
135	Elder sandy loam, 2 to 5 percent slopes
136	Elder sandy loam, 5 to 9 percent slopes
138#	Elder sandy loam, occasionally flooded, 0 to 2 percent slopes
139#	Elder sandy loam, occasionally flooded, 2 to 9 percent slopes
140	Garey sandy loam, 2 to 9 percent slopes
169*	Marimel sandy clay loam, occasionally flooded
170*	Marimel silty clay loam, drained
173	Mocho fine sandy loam, 0 to 2 percent slopes
174	Mocho loam, 0 to 2 percent slopes
175	Mocho silty clay loam, 0 to 2 percent slopes
176	Mocho variant fine sandy loam
186	Perkins fine sandy loam, 2 to 9 percent slopes
196	Salinas loam, 0 to 2 percent slopes
197	Salinas silty clay loam, 0 to 2 percent slopes
198	Salinas silty clay loam, 2 to 9 percent slopes
209	Still gravelly sandy clay loam, 0 to 2 percent slopes
210	Still gravelly sandy clay loam, 2 to 9 percent slopes
219	Tujunga loamy sand, 0 to 2 percent slopes

* Prime Farmland if drained. (Soils 111, 112, 169, and 170)

Prime Farmland if either protected from flooding or not frequently flooded during the growing season. (Soils 138 and 139)

Note: MAAT is Mean Annual Air Temperature (Soil 111).

SAN LUIS OBISPO COUNTY, CARRIZO PLAIN AREA

<u>SYMBOL</u>	<u>NAME</u>
109	Capay clay, 0 to 1 percent slopes
110	Capay clay, 1 to 10 percent slopes
149	San Emigdio sandy loam, 0 to 2 percent slopes
154	San Emigdio loam, 0 to 2 percent slopes, cool
159	Sorrento loam, 0 to 2 percent slopes
160	Sorrento loam, 2 to 9 percent slopes
169	Polonio loam, 0 to 2 percent slopes
173	Polonio gravelly loam, 2 to 9 percent slopes
174	Polonio-Thomhill complex, 0 to 2 percent slopes
175	Polonio-Thomhill complex, 2 to 9 percent slopes
179	Padres sandy loam, 0 to 2 percent slopes
180	Padres sandy loam, 2 to 9 percent slopes
182	Oceano loamy sand, 2 to 9 percent slopes
310	Yeguas-Pinspring complex, 0 to 2 percent slopes
311	Yeguas-Pinspring complex, 2 to 5 percent slopes
321	Thomhill loam, 2 to 5 percent slopes
450	Botella loam, 2 to 9 percent slopes, shorter FFD
470	Botella sandy loam, 2 to 9 percent slopes
474	Elder sandy loam, 0 to 2 percent slopes
475	Elder sandy loam, 2 to 9 percent slopes
480	Metz loamy sand, 0 to 5 percent slopes
490	Wasioja loam, 0 to 2 percent slopes
491	Wasioja sandy loam, 2 to 5 percent slopes
495	Wasioja-Polonio complex, 2 to 5 percent slopes
497	Wasioja-Pinspring-Yeguas complex, 2 to 5 percent slopes
906	Xerofluvents, 0 to 2 percent slopes

Note: FFD is Frost Free Days (Soil 450).

SAN LUIS OBISPO 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 *NORTHERN SANTA BARBARA AREA; SAN LUIS OBISPO COUNTY, PASO ROBLES AREA; SAN LUIS OBISPO COUNTY, COASTAL PART; AND SAN LUIS OBISPO COUNTY, CARRIZO PLAIN AREA*, SOIL SURVEYS.

NORTHERN SANTA BARBARA AREA

<u>SYMBOL</u>	<u>NAME</u>
AdA	Agueda loam, 0 to 2 percent slopes
Bg	Bayshore silty clay loam
Bh	Bayshore silty clay loam, drained
BoC	Botella loam, 2 to 9 percent slopes
BtD2	Botella clay loam, 2 to 15 percent slopes, eroded
BwA	Botella clay loam, wet, 0 to 2 percent slopes
Cd	Camarillo silty clay loam
CeC	Chamise sandy loam, 5 to 9 percent slopes
CfD	Chamise shaly sandy loam, 9 to 15 percent slopes
CgC	Chamise loam, 2 to 9 percent slopes
CuD	Corralitos loamy sand, 9 to 15 percent slopes
DaD	Diablo silty clay, 9 to 15 percent slopes
GaC2	Garey sandy loam, 2 to 9 percent slopes, eroded
MaA	Marina sand, 0 to 2 percent slopes
MaC	Marina sand, 2 to 9 percent slopes
OcA	Oceano sand, 0 to 2 percent slopes
OcD	Oceano sand, 2 to 15 percent slopes
PsD	Pleasanton gravelly very fine sandy loam, 9 to 15 percent slopes
SmD	Santa Lucia shaly clay loam, 9 to 15 percent slopes
Sx	Stutzville loamy sand
Sy	Stutzville sandy loam
Sz	Stutzville loam
Szb	Stutzville silty clay loam
WaC	Wasioja fine sandy loam, 5 to 9 percent slopes

Note: Soil GaC2 (Garey sandy loam, 2 to 9 percent slopes, eroded) was moved from the Prime Farmland list by NRCS (10/17/2005).

SAN LUIS OBISPO COUNTY
FARMLAND OF STATEWIDE
IMPORTANCE SOILS

SAN LUIS OBISPO COUNTY, PASO ROBLES AREA

<u>SYMBOL</u>	<u>NAME</u>
106	Arbuckle-San Ysidro complex, 2 to 9 percent slopes
119	Camarillo silty clay loam, partially drained
122	Capay silty clay, 0 to 3 percent slopes
123	Capay silty clay, 0 percent slopes, occasionally flooded
148	Hanford and Greenfield soils, 2 to 9 percent slopes
155	Linne-Diablo complex, 9 to 15 percent slopes
158	Lockwood shaly loam, 2 to 9 percent slopes
159	Lockwood-Concepcion complex, 2 to 9 percent slopes
166	Metz loamy sand, 0 to 5 percent slopes
186	Polonio clay loam, 2 to 9 percent slopes
193	San Andreas-Arujo complex, 9 to 15 percent slopes
197	San Ysidro loam, 0 to 2 percent slopes

SAN LUIS OBISPO COUNTY, COASTAL PART

<u>SYMBOL</u>	<u>NAME</u>
102	Arnold loamy sand, 5 to 15 percent slopes
120	Concepcion loam, 2 to 5 percent slopes
121	Concepcion loam, 5 to 9 percent slopes
124	Corralitos sand, 0 to 2 percent slopes
125	Corralitos sand, 2 to 15 percent slopes
126	Corralitos variant loamy sand
130	Diablo and Cibo clays, 9 to 15 percent slopes
158	Los Osos loam, 5 to 9 percent slopes
162	Los Osos-Diablo complex, 5 to 9 percent slopes
184	Oceano sand, 0 to 9 percent slopes
208	Still gravelly loam, 9 to 15 percent slopes
212	Suey silt loam, 2 to 9 percent slopes
216	Tierra sandy loam, 2 to 9 percent slopes
224	Zaca clay, 9 to 15 percent slopes

SAN LUIS OBISPO COUNTY
FARMLAND OF STATEWIDE
IMPORTANCE SOILS

SAN LUIS OBISPO COUNTY, CARRIZO PLAIN AREA

<u>SYMBOL</u>	<u>NAME</u>
150	San Emigdio sandy loam, 2 to 9 percent slopes
155	San Emigdio loam, 2 to 9 percent slopes
170	Polonio clay loam, 2 to 9 percent slopes
230	Padres-Wasioja complex, 2 to 9 percent slopes
270	Ayar silty clay, 5 to 9 percent slopes
301	Arbuckle sandy loam, 2 to 9 percent slopes
330	Jenks clay loam, 2 to 9 percent slopes
561	Chanac loam, 9 to 30 percent slopes