California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

SOIL CANDIDATE LISTING

FOR

PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE

SANTA CRUZ COUNTY

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

soil surveys for Santa Cruz County include:

Soil Survey of Santa Cruz County, California, August 1980

Soil Survey of Eastern Santa Clara Area, California, September 1974

Soil Survey of Monterey County, California, April 1978

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

The SSURGO data includes Santa Cruz County (published 09/12/2018), Eastern Santa Clara Area (published 09/12/2018) and Monterey County (published 09/17/2018). 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/

08/03/1995, updated 12/09/2020

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 *SANTA CRUZ COUNTY, EASTERN SANTA CLARA AREA*, AND *MONTEREY COUNTY*, SOIL SURVEYS.

SANTA CRUZ COUNTY

SYMBOL	NAME
104	Baywood loamy sand, 0 to 2 percent slopes
105	Baywood loamy sand, 2 to 15 percent slopes
108*	Baywood variant loamy sand
110	Ben Lomond sandy loam, 5 to 15 percent slopes
119*	Clear Lake clay, drained, 0 to 1 percent slopes
120	Conejo loam, 0 to 2 percent slopes, cool
121	Conejo loam, 2 to 9 percent slopes
122	Conejo clay loam, 0 to 2 percent slopes, cool
123	Cropley silty clay, 2 to 9 percent slopes
124	Danville loam, 0 to 2 percent slopes
125	Danville loam, 2 to 9 percent slopes
129	Elder sandy loam, 0 to 2 percent slopes
130	Elder sandy loam, 2 to 9 percent slopes
132	Elkhorn sandy loam, 0 to 2 percent slopes
133	Elkhorn sandy loam, 2 to 9 percent slopes
138	Felton sandy loam, 5 to 9 percent slopes
155	Mocho silt loam, 0 to 2 percent slopes
161	Pinto loam, 0 to 2 percent slopes
162	Pinto loam, 2 to 9 percent slopes
166	San Emigdio variant sandy loam, 0 to 2 percent slopes
170	Soquel loam, 0 to 2 percent slopes

*Prime farmland if drained. (Soils 108 and 119)

EASTERN SANTA CLARA AREA

SYMBOL	NAME
ArA	Arbuckle gravelly loam, 0 to 2 percent slopes
Ca*	Campbell silty clay loam
Cc#	Campbell silty clay loam, clay substratum
Cg#	Clear Lake clay, 0 to 2 percent slopes, occasionally flooded
Ch*	Clear Lake clay, drained, 0 to 2 percent slopes
CrA	Cropley clay, 0 to 2 percent slopes
CrC	Cropley clay, 2 to 9 percent slopes
EsA	Esparto loam, 0 to 2 percent slopes
EsC	Esparto loam, 2 to 9 percent slopes
GaA	Garretson loam, gravel substratum, 0 to 2 percent slopes
GbB	Garretson gravelly loam, 0 to 5 percent slopes
KeA	Keefers clay loam, 0 to 2 percent slopes
KeC2	Keefers clay loam, 2 to 9 percent slopes, eroded
LrA	Los Robles clay loam, 0 to 2 percent slopes
LrC	Los Robles clay loam, 2 to 9 percent slopes
Pa	Pacheco fine sandy loam
Pb*	Pacheco silt loam, drained
Pd	Pacheco clay loam
Pe*	Pacheco clay loam, gravelly substratum
PoA	Pleasanton loam, 0 to 2 percent slopes
PoC	Pleasanton loam, 2 to 9 percent slopes
PpA	Pleasanton gravelly loam, 0 to 2 percent slopes
PpC	Pleasanton gravelly loam, 2 to 9 percent slopes
RaA	Rincon clay loam, 0 to 2 percent slopes
RaC2	Rincon clay loam, 2 to 9 percent slopes, eroded
Su*	Sunnyvale silty clay
Sv*	Sunnyvale silty clay, drained
YaA	Yolo loam, 0 to 7 percent slopes
YaB	Yolo loam, 0 to 8 percent slopes
YeA	Yolo silty clay loam, 0 to 2 percent slopes, rarely flooded
YeC	Yolo silty clay loam, 1 to 9 percent slopes
ZaA	Zamora loam, 0 to 2 percent slopes
ZaC	Zamora loam, 2 to 9 percent slopes
ZbA	Zamora clay loam, 0 to 2 percent slopes
ZbC	Zamora clay loam, 2 to 9 percent slopes
171scl	*Elder fine sandy loam, 0 to 2 percent slopes, rarely flooded*
315scl	*Cropley clay, 0 to 2 percent slopes*
MhAsb	*Metz sandy loam, wet variant, 0 to 2 percent slopes*
PtBsb	*Pleasanton loam, 2 to 5 percent slopes*
PvC2sb	*Pleasanton gravelly loam, 5 to 9 percent slopes, eroded*
RsAsb	*Rincon silty clay loam, 0 to 2 percent slopes*
SnAsb	*Sorrento silt loam, 0 to 2 percent slopes*

* Prime Farmland if drained. (Soils Ca, Ch, Pb, Pe, Su, and Sv)

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

Note: Soil Cd (Campbell silty clay) was removed from the Prime Farmland list per NRCS letter of 7/21/03.

MONTEREY COUNTY

SYMBOL	NAME
AgC	Arbuckle gravelly loam, 2 to 9 percent slopes
AsA	Arroyo Seco gravelly sandy loam, 0 to 2 percent slopes
AsB	Arroyo Seco gravelly sandy loam, 2 to 5 percent slopes
AsC	Arroyo Seco gravelly sandy loam, 5 to 9 percent slopes
AvA	Arroyo Seco gravelly loam, 0 to 2 percent slopes
AvB	Arroyo Seco gravelly loam, 2 to 5 percent slopes
CbA	Chualar loam, 0 to 2 percent slopes
CbB	Chualar loam, 2 to 5 percent slopes
CbC	Chualar loam, 5 to 9 percent slopes
Cf	Clear Lake clay, 0 to 1 percent slopes, frequently flooded
Cg	Clear Lake clay, sandy substratum, drained, 0 to 1 percent slopes
CnA	Cropley silty clay, 0 to 2 percent slopes
CnC	Cropley silty clay, 2 to 9 percent slopes
DaA	Danville sandy clay loam, 0 to 2 percent slopes
DaC	Danville sandy clay loam, 2 to 9 percent slopes
DeA	Docas silty clay loam, 0 to 2 percent slopes
EaA	Elder sandy loam, 0 to 2 percent slopes
EbC	Elder very fine sandy loam, 2 to 9 percent slopes
EcA	Elder loam, gravelly substratum, 0 to 2 percent slopes
EdB	Elkhorn fine sandy loam, 2 to 5 percent slopes
GbC	Garey sandy loam, 2 to 9 percent slopes
GkB	Gorgonio sandy loam, 0 to 5 percent slopes
GmB	Greenfield fine sandy loam, 2 to 5 percent slopes
GmC	Greenfield fine sandy loam, 5 to 9 percent slopes
HbB	Hanford gravelly sandy loam, 0 to 5 percent slopes
LdA	Lockwood loam, 0 to 2 percent slopes
LdC	Lockwood loam, 2 to 9 percent slopes
LeA	Lockwood channery loam, 0 to 2 percent slopes
LgA	Lockwood shaly loam, 0 to 2 percent slopes, wet
Me	Metz loamy sand
Mf	Metz fine sandy loam
MnA	Mocho silt loam, 0 to 2 percent slopes
MoA	Mocho silty clay loam, 0 to 2 percent slopes
MoC	Mocho silty clay loam, 2 to 9 percent slopes
Pa	Pacheco clay loam
Pb	Pacheco silty clay loam, occasionally flooded
PdC	Pfeiffer fine sandy loam, 2 to 9 percent slopes
Pf	Pico fine sandy loam
RaA	Rincon clay loam, 0 to 2 percent slopes
RaC	Rincon clay loam, 2 to 9 percent slopes
SaA	Salinas loam, 0 to 2 percent slopes
SbA	Salinas clay loam, 0 to 2 percent slopes
SbC	Salinas clay loam, 2 to 9 percent slopes

SYMBOL	NAME
SrA	Sorrento clay loam, 0 to 2 percent slopes
SrC	Sorrento clay loam, 2 to 9 percent slopes
112	*Rimtrail sandy loam, 0 to 5 percent slopes*
HfC	*Hanford loam, 2 to 9 percent slopes*
YoA	*Yolo loam, 0 to 20 percent slopes, occasionally flooded*

Note: Soil 112 (previously Rimtrail loam, 0 to 5 percent slopes) was changed to Rimtrail *sandy* loam, 0 to 5 percent slopes on 4/14/2009 by NRCS.

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 *SANTA CRUZ COUNTY, EASTERN SANTA CLARA AREA*, AND *MONTEREY COUNTY*, SOIL SURVEYS.

SANTA CRUZ COUNTY

SYMBOL	NAME
126	Diablo clay, 5 to 25 percent slopes
139	Fluvaquentic Haploxerolls - Aquic Xerofluvents complex, 0 to 15 percent slopes
171	Soquel loam, 2 to 9 percent slopes
176	Watsonville loam, 0 to 2 percent slopes
177	Watsonville loam, 2 to 15 percent slopes
178	Watsonville loam, thick surface, 0 to 2 percent slopes
179	Watsonville loam, thick surface, 2 to 15 percent slopes

Note: Some areas of Soil 139 are intermittently flooded during periods of prolonged, high intensity storms.

EASTERN SANTA CLARA AREA

SYMBOL	NAME
AkC	Arbuckle loam, deep, 5 to 9 percent slopes
AuD2	Azule clay loam, 9 to 15 percent slopes, eroded
Ce	Campbell silty clay, muck substratum
Ck	Clear Lake clay, saline, drained, 0 to 1 percent slopes
DaD	Diablo clay, 9 to 15 percent slopes
HfC	Hillgate silt loam, 2 to 9 percent slopes
McB	Maxwell clay, 0 to 5 percent slopes
SdA	San Ysidro loam, 0 to 2 percent slopes
SdB2	San Ysidro loam, 2 to 5 percent slopes, eroded
SfA	San Ysidro loam, acid variant, 0 to 2 percent slopes
SfC	San Ysidro loam, acid variant, 2 to 9 percent slopes
Wa	Willows clay, 0 percent slopes
ZeC3	Zamora and Cropley soils, 2 to 9 percent slopes, severely eroded

MONTEREY COUNTY

SYMBOL	NAME
AaC	Alo silty clay, 2 to 9 percent slopes
AaD	Alo silty clay, 9 to 15 percent slopes
AeA	Antioch very fine sandy loam, 0 to 2 percent slopes
AeC	Antioch very fine sandy loam, 2 to 9 percent slopes
AkD	Arnold loamy sand, 9 to 20 percent slopes
AyD	Ayar silty clay, 5 to 15 percent slopes
CaD	Chamise channery loam, 9 to 15 percent slopes
DbD	Diablo clay, 5 to 25 percent slopes
DcC	Dibble loam, 2 to 9 percent slopes
DeC	Docas silty clay loam, 2 to 9 percent slopes
EdC	Elkhorn fine sandy loam, 5 to 9 percent slopes
EeD	Elkhorn fine sandy loam, thin surface variant, 5 to 15 percent slopes
LaD	Linne silty clay loam, 5 to 15 percent slopes
LeC	Lockwood channery loam, 2 to 9 percent slopes
Mg	Metz complex
OaD	Oceano loamy sand, 2 to 15 percent slopes
PcC	Parkfield clay, 2 to 9 percent slopes
PdD	Pfeiffer fine sandy loam, 9 to 15 percent slopes
PnA	Placentia sandy loam, 0 to 2 percent slopes
PnC	Placentia sandy loam, 2 to 9 percent slopes
ShC	Santa Ynez fine sandy loam, 2 to 9 percent slopes
SoD	Sheridan coarse sandy loam, 5 to 15 percent slopes
TaC	Tangair fine sand, 2 to 9 percent slopes
TbB	Tujunga fine sand, 0 to 5 percent slopes
CuC	*Corralitos loamy sand, 2 to 9 percent slopes*

Note: Soils GhC (Gloria sandy loam, 2 to 9 percent slopes) and GhD (Gloria sandy loam, 9 to 15 percent slopes) have been removed from the Farmland of Statewide Importance list per NRCS letter of 5/02/91.