

California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

**SOIL CANDIDATE LISTING**

**FOR**

**PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE**

**SAN DIEGO COUNTY**

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

soil surveys for San Diego County include:

Soil Survey of San Diego County Area, California, December 1973

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

The SSURGO data includes San Diego County Area (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/>

08/02/1995, updated 02/17/2021

SAN DIEGO 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 *SAN DIEGO COUNTY AREA*, SOIL SURVEY.

SAN DIEGO COUNTY AREA

<u>SYMBOL</u>	<u>NAME</u>
AtC	Altamont clay, 5 to 9 percent slopes
AwC	Auld clay, 5 to 9 percent slopes
BuB	Bull Trail sandy loam, 2 to 5 percent slopes
BuC	Bull Trail sandy loam, 5 to 9 percent slopes
CaB	Calpine coarse sandy loam, 2 to 5 percent slopes
CaC	Calpine coarse sandy loam, 5 to 9 percent slopes
ChA*	Chino fine sandy loam, 0 to 2 percent slopes
ChB*	Chino fine sandy loam, 2 to 5 percent slopes
CkA*	Chino silt loam, saline, 0 to 2 percent slopes
Co	Clayey alluvial land
CsB	Corralitos loamy sand, 0 to 5 percent slopes
CsC	Corralitos loamy sand, 5 to 9 percent slopes
EdC	Elder shaly fine sandy loam, 2 to 9 percent slopes
FaB	Fallbrook sandy loam, 2 to 5 percent slopes
FaC	Fallbrook sandy loam, 5 to 9 percent slopes
GoA*	Grangeville fine sandy loam, 0 to 2 percent slopes
GrA	Greenfield sandy loam, 0 to 2 percent slopes
GrB	Greenfield sandy loam, 2 to 5 percent slopes
GrC	Greenfield sandy loam, 5 to 9 percent slopes
HoC	Holland fine sandy loam, deep, 2 to 9 percent slopes
InA	Indio silt loam, 0 to 2 percent slopes
InB	Indio silt loam, 2 to 5 percent slopes
IsA	Indio silt loam, dark variant
Lu*	Loamy alluvial land
MIC	Marina loamy coarse sand, 2 to 9 percent slopes
MnA	Mecca coarse sandy loam, 0 to 2 percent slopes
MnB	Mecca coarse sandy loam, 2 to 5 percent slopes
MpA2	Mecca fine sandy loam, 0 to 2 percent slopes, eroded
RaA	Ramona sandy loam, 0 to 2 percent slopes
RaB	Ramona sandy loam, 2 to 5 percent slopes
RkA	Reiff fine sandy loam, 0 to 2 percent slopes
RkB	Reiff fine sandy loam, 2 to 5 percent slopes
SbA	Salinas clay loam, 0 to 2 percent slopes, warm MAAT
SbC	Salinas clay loam, 2 to 9 percent slopes
ScA	Salinas clay, 0 to 2 percent slopes

SAN DIEGO COUNTY  
PRIME FARMLAND SOILS

<u>SYMBOL</u>	<u>NAME</u>
ScB	Salinas clay, 2 to 5 percent slopes
VaA <sup>#</sup>	Visalia sandy loam, 0 to 2 percent slopes
VaB	Visalia sandy loam, 2 to 5 percent slopes
VaC	Visalia sandy loam, 5 to 9 percent slopes
VbB	Visalia gravelly sandy loam, 2 to 5 percent slopes
VbC	Visalia gravelly sandy loam, 5 to 9 percent slopes
WmB	Wyman loam, 2 to 5 percent slopes
207	<i>Sorrento loam, 2 to 9 percent slopes, warm MAAT</i>
HcC	<i>Hanford coarse sandy loam, 2 to 8 percent slopes</i>

\* Prime Farmland if drained. (Soils ChA, ChB, CkA, GoA, and Lu)

# Prime Farmland if either protected from flooding or not frequently flooded during the growing season. (Soil VaA)

Note: MAAT is Mean Annual Air Temperature (Soils 207 and SbA)

SAN DIEGO 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 *SAN DIEGO COUNTY AREA*, SOIL SURVEY.

SAN DIEGO COUNTY AREA

<u>SYMBOL</u>	<u>NAME</u>
AtD	Altamont clay, 9 to 15 percent slopes, warm MAAT
AtD2	Altamont clay, 9 to 15 percent slopes, eroded
AuC	Anderson very gravelly sandy loam, 5 to 9 percent slopes
AvC	Arlington coarse sandy loam, 2 to 9 percent slopes
BIC	Bonsall sandy loam, 2 to 9 percent slopes
BIC2	Bonsall sandy loam, 2 to 9 percent slopes, eroded
BID2	Bonsall sandy loam, 9 to 15 percent slopes, eroded
BmC	Bonsall sandy loam, thick surface, 2 to 9 percent slopes
BnB	Bonsall-Fallbrook sandy loams, 2 to 5 percent slopes
BoC	Boomer loam, 2 to 9 percent slopes
BsC	Bosanko clay, 2 to 9 percent slopes
CaC2	Calpine coarse sandy loam, 5 to 9 percent slopes, eroded
CaD2	Calpine coarse sandy loam, 9 to 15 percent slopes, eroded
CbB	Carlsbad gravelly loamy sand, 2 to 5 percent slopes
CbC	Carlsbad gravelly loamy sand, 5 to 9 percent slopes
CbD	Carlsbad gravelly loamy sand, 9 to 15 percent slopes
CfB	Chesterton fine sandy loam, 2 to 5 percent slopes
CfC	Chesterton fine sandy loam, 5 to 9 percent slopes
CfD2	Chesterton fine sandy loam, 9 to 15 percent slopes, eroded
CsD	Corralitos loamy sand, 9 to 15 percent slopes
DaC	Diablo clay, 2 to 9 percent slopes
DaD	Diablo clay, 9 to 15 percent slopes, warm MAAT
EsC	Escondido very fine sandy loam, 5 to 9 percent slopes
EvC	Escondido very fine sandy loam, deep, 5 to 9 percent slopes
FaC2	Fallbrook sandy loam, 5 to 9 percent slopes, eroded
GrD	Greenfield sandy loam, 9 to 15 percent slopes
HmD	Holland fine sandy loam, 5 to 15 percent slopes
HrC	Huerhuero loam, 2 to 9 percent slopes
HrC2	Huerhuero loam, 5 to 9 percent slopes, eroded
IoA	Indio silt loam, saline, 0 to 2 percent slopes
KcC	Kitchen Creek loamy coarse sand, 5 to 9 percent slopes
KcD2	Kitchen Creek loamy coarse sand, 9 to 15 percent slopes, eroded
LeC	Las Flores loamy fine sand, 2 to 9 percent slopes
LeC2	Las Flores loamy fine sand, 5 to 9 percent slopes, eroded

SAN DIEGO COUNTY  
FARMLAND OF STATEWIDE  
IMPORTANCE SOILS

<u>SYMBOL</u>	<u>NAME</u>
LeD	Las Flores loamy fine sand, 9 to 15 percent slopes
LeD2	Las Flores loamy fine sand, 9 to 15 percent slopes, eroded
LpB	Las Posas fine sandy loam, 2 to 5 percent slopes
LpC	Las Posas fine sandy loam, 5 to 9 percent slopes
LpC2	Las Posas fine sandy loam, 5 to 9 percent slopes, eroded
MoA	Mecca sandy loam, saline, 0 to 2 percent slopes
MvA	Mottsville loamy coarse sand, 0 to 2 percent slopes
MvC	Mottsville loamy coarse sand, 2 to 9 percent slopes
MvD	Mottsville loamy coarse sand, 9 to 15 percent slopes
PeA	Placentia sandy loam, 0 to 2 percent slopes, warm MAAT
PeC	Placentia sandy loam, 2 to 9 percent slopes, warm MAAT
PeC2	Placentia sandy loam, 5 to 9 percent slopes, eroded
PfA	Placentia sandy loam, thick surface, 0 to 2 percent slopes
PfC	Placentia sandy loam, thick surface, 2 to 9 percent slopes
RaC	Ramona sandy loam, 5 to 9 percent slopes
RaC2	Ramona sandy loam, 5 to 9 percent slopes, eroded
RkC	Reiff fine sandy loam, 5 to 9 percent slopes
RoA	Rositas fine sand, 0 to 2 percent slopes
RrC	Rositas fine sand, hummocky, 5 to 9 percent slopes
RsA	Rositas loamy coarse sand, 0 to 2 percent slopes
RsC	Rositas loamy coarse sand, 2 to 9 percent slopes
RsD	Rositas loamy coarse sand, 9 to 15 percent slopes
SuA	Stockpen gravelly clay loam, 0 to 2 percent slopes
SuB	Stockpen gravelly clay loam, 2 to 5 percent slopes
TuB	Tujunga sand, 0 to 5 percent slopes
VsC	Vista coarse sandy loam, 5 to 9 percent slopes
WmC	Wyman loam, 5 to 9 percent slopes
136	<i>Capistrano sandy loam, 9 to 15 percent slopes</i>
FfC2	<i>Fallbrook fine sandy loam, 2 to 8 percent slopes, eroded</i>
HcD2	<i>Hanford coarse sandy loam, 8 to 15 percent slopes, eroded</i>
MmD2	<i>Monserate sandy loam, 8 to 15 percent slopes, eroded</i>

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Note: MAAT is Mean Annual Air Temperature (Soils AtD, DaD, PeA, and PeC)