

California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

**SOIL CANDIDATE LISTING**

**FOR**

**PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE**

**MADERA COUNTY**

U.S. Department of Agriculture, Natural Resources Conservation Service,  
soil surveys for Madera County include:  
Soil Survey of Madera Area, California, May 1962

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

The SSURGO data includes Madera 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/>

07/13/1995, updated 03/04/2022

MADERA 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 *MADERA AREA*, SOIL SURVEY.

MADERA AREA

<u>SYMBOL</u>	<u>NAME</u>
AtA	Atwater loamy sand, 0 to 3 percent slopes
AtB	Atwater loamy sand, 3 to 8 percent slopes
AwA	Atwater loamy sand, moderately deep and deep over hardpan, 0 to 3 percent slopes
AwB	Atwater loamy sand, moderately deep and very deep over hardpan, 3 to 8 percent slopes
BeA	Bear Creek loam, 0 to 3 percent slopes
BfA	Borden fine sandy loam, 0 to 1 percent slopes
BkA	Borden fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
BmA	Borden loam, 0 to 1 percent slopes
BoA	Borden loam, slightly saline-alkali, 0 to 1 percent slopes
CeA	Chino clay loam, 0 to 1 percent slopes
CeaA	Chino clay loam, slightly saline-alkali, 0 to 1 percent slopes
CfA	Chino fine sandy loam, 0 to 1 percent slopes
CfaA	Chino fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
CgA	Chino loam, 0 to 1 percent slopes
CgaA	Chino loam, slightly saline-alkali, 0 to 1 percent slopes
CmA	Columbia fine sandy loam, 0 to 1 percent slopes
CmtA	Columbia fine sandy loam, moderately deep and deep over Temple soils, 0 to 1 percent slopes
CoA	Columbia loamy sand, 0 to 1 percent slopes
CotA	Columbia loamy sand, over Temple soils, 0 to 1 percent slopes
CpA	Columbia sandy loam, 0 to 1 percent slopes
CrB	Columbia soils, channeled, 0 to 8 percent slopes
FaA	Foster clay loam, 0 to 1 percent slopes
FaaA	Foster clay loam, slightly saline-alkali, 0 to 1 percent slopes
FbA	Foster loams, 0 to 1 percent slopes
FbaA	Foster loams, slightly saline-alkali, 0 to 1 percent slopes
FbeA	Foster loams, moderately deep and deep over Temple soils, 0 to 1 percent slopes
GaA	Grangeville fine sandy loam, 0 to 1 percent slopes
GbA	Grangeville fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
GeA	Grangeville fine sandy loam, moderately deep and deep over Temple soils, 0 to 1 percent slopes
GfA	Grangeville fine sandy loam, deep over hardpan, 0 to 1 percent slopes
GhA	Grangeville fine sandy loam, deep over alkali hardpan, 0 to 1 percent slopes

MADERA COUNTY  
PRIME FARMLAND SOILS

<u>SYMBOL</u>	<u>NAME</u>
GkA	Grangeville fine sandy loam, deep over alkali hardpan, slightly saline-alkali, 0 to 1 percent slopes
GmA	Grangeville sandy loam, 0 to 1 percent slopes
GnA	Grangeville sandy loam, slightly saline-alkali, 0 to 1 percent slopes
GrA	Greenfield coarse sandy loam, 0 to 3 percent slopes
GrB	Greenfield coarse sandy loam, 3 to 8 percent slopes
GsA	Greenfield fine sandy loam, 0 to 3 percent slopes
GsB	Greenfield fine sandy loam, 3 to 8 percent slopes
GuA	Greenfield sandy loam, 0 to 3 percent slopes
GuB	Greenfield sandy loam, 3 to 8 percent slopes
GvA	Greenfield sandy loam, moderately deep and deep over hardpan, 0 to 3 percent slopes
GvB	Greenfield sandy loam, moderately deep and deep over hardpan, 3 to 8 percent slopes
HaA	Hanford fine sandy loam, 0 to 1 percent slopes
HeB	Hanford gravelly sandy loam, 3 to 8 percent slopes
HfA	Hanford sandy loam, 0 to 3 percent slopes
MmA	Marguerite clay loam, 0 to 3 percent slopes
MoA	Marguerite loam, 0 to 3 percent slopes
MrA	Marguerite loam, slightly saline-alkali, 0 to 3 percent slopes
PaA	Pachappa fine sandy loam, 0 to 1 percent slopes
PbA	Pachappa fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
PcA	Pachappa sandy loam, 0 to 1 percent slopes
PdA	Pachappa sandy loam, slightly saline-alkali, 0 to 1 percent slopes
PeA	Pachappa sandy loam, moderately deep and deep over hardpan, slightly saline-alkali, 0 to 1 percent slopes
RaA	Ramona sandy loam, 0 to 3 percent slopes
RaB	Ramona sandy loam, 3 to 8 percent slopes
RbA	Ramona sandy loam, deep over hardpan, 0 to 3 percent slopes
TaA	Temple clay, 0 to 1 percent slopes
TbA	Temple clay loam, 0 to 1 percent slopes
TcA	Temple clay loam, slightly saline, 0 to 1 percent slopes
TdA	Temple loam, 0 to 1 percent slopes
TeA	Temple loam, slightly saline, 0 to 1 percent slopes
VaA	Visalia fine sandy loam, 0 to 1 percent slopes
VdA	Visalia sandy loam, 0 to 3 percent slopes

MADERA 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 MADERA AREA, SOIL SURVEY.

MADERA AREA

<u>SYMBOL</u>	<u>NAME</u>
AdB	Ahwahnee and Vista coarse sandy loams, 3 to 8 percent slopes
BuA	Buchenau fine sandy loam, 0 to 3 percent slopes
BvA	Buchenau fine sandy loam, slightly saline-alkali, 0 to 3 percent slopes
BzA	Buchenau loam, 0 to 3 percent slopes
CaA	Cajon loamy sand, 0 to 1 percent slopes
CaaA	Cajon loamy sand, slightly saline-alkali, 0 to 1 percent slopes
CabA	Cajon loamy sand, moderately saline-alkali, 0 to 1 percent slopes
CbaB	Calhi loamy sand, slightly alkali, 0 to 8 percent slopes
CbbB	Calhi loamy sand, moderately alkali, 0 to 8 percent slopes
CcaA	Calhi loamy sand, moderately deep and deep over silt, slightly saline-alkali, 0 to 3 percent slopes
CcaB	Calhi loamy sand, moderately deep and deep over silt, slightly saline-alkali, 3 to 8 percent slopes
CcbA	Calhi loamy sand, moderately deep and deep over silt, moderately saline-alkali, 0 to 3 percent slopes
CcbB	Calhi loamy sand, moderately deep and deep over silt, moderately saline-alkali, 3 to 8 percent slopes
CebA	Chino clay loam, moderately saline-alkali, 0 to 1 percent slopes
CfbA	Chino fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
CgbA	Chino loam, moderately saline-alkali, 0 to 1 percent slopes
CmdA	Columbia fine sandy loam, moderately deep and deep over hardpan, 0 to 1 percent slopes
CpdA	Columbia sandy loam, moderately deep over sand, 0 to 1 percent slopes
CtB	Cometa loam, 3 to 8 percent slopes
DeA	Delhi sand, 0 to 3 percent slopes
DeB	Delhi sand, 3 to 8 percent slopes
DmA	Dinuba fine sandy loam, 0 to 1 percent slopes
DoA	Dinuba loam, 0 to 1 percent slopes
FabA	Foster clay loam, moderately saline-alkali, 0 to 1 percent slopes
FbbA	Foster loams, moderately saline-alkali, 0 to 1 percent slopes
FbdA	Foster loams, sandy substratum, 0 to 1 percent slopes
FcbA	Foster loams, moderately deep and deep over Temple soils, moderately saline-alkali, 0 to 1 percent slopes
GcA	Grangeville fine sandy loam, over Traver soils, 0 to 1 percent slopes

MADERA COUNTY  
FARMLAND OF STATEWIDE  
IMPORTANCE SOILS

<u>SYMBOL</u>	<u>NAME</u>
GdA	Grangeville fine sandy loam, over Traver soils, slightly saline-alkali, 0 to 1 percent slopes
HbA	Hanford fine sandy loam, moderately deep and deep over hardpan, 0 to 1 percent slopes
HdA	Hanford (ripperdan) fine sandy loam, moderately deep and deep over silt, 0 to 3 percent slopes
HgA	Hanford sandy loam, moderately deep and deep over hardpan, 0 to 3 percent slopes
HhA	Hanford sandy loam, moderately deep over sand, 0 to 3 percent slopes
HmA	Hildreth sandy clay, 0 to 3 percent slopes
MnA	Marguerite clay loam, moderately saline-alkali, 0 to 3 percent slopes
MsA	Marguerite loam, moderately saline-alkali, 0 to 3 percent slopes
PfA	Porterville clay, 0 to 3 percent slopes
PfB	Porterville clay, 3 to 8 percent slopes
RcA	Raynor clay, 0 to 3 percent slopes
RcB	Raynor clay, 3 to 8 percent slopes
RoA	Rossi clay loam, slightly saline-alkali, 0 to 1 percent slopes
RrA	Rossi silt loam, slightly saline-alkali, 0 to 1 percent slopes
SeB	Sesame loam, 3 to 8 percent slopes
SyB	Sesame sandy loam, 3 to 8 percent slopes
TmA	Traver loam, slightly saline-alkali, 0 to 1 percent slopes
TnA	Traver loam, moderately saline-alkali, 0 to 1 percent slopes
TpA	Traver-Chino complex, slightly saline-alkali, 0 to 1 percent slopes
TrA	Traver-Chino complex, moderately saline-alkali, 0 to 1 percent slopes
TwA	Tujunga loamy sand, 0 to 3 percent slopes
TwB	Tujunga loamy sand, 3 to 8 percent slopes
TyA	Tujunga loamy sand, moderately deep and deep over silt, 0 to 3 percent slopes
VnA	Visalia sandy loam, moderately deep over sand, 0 to 3 percent slopes
VsB	Vista-Sesame complex, 3 to 8 percent slopes
WfB	Whitney fine sandy loam, 3 to 8 percent slopes
WfC	Whitney fine sandy loam, 8 to 15 percent slopes
WmA	Whitney loam, 0 to 3 percent slopes
WmB	Whitney loam, 3 to 8 percent slopes
WuA	Wunjey very fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
WvA	Wunjey very fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
ZaB	Zaca clay, 3 to 8 percent slopes