

California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

SOIL CANDIDATE LISTING

FOR

PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE

SONOMA COUNTY

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

soil surveys for Sonoma County include:

Soil Survey of Sonoma County, California, May 1972

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

The SSURGO data includes Sonoma County (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 08/17/2021

SONOMA 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 SONOMA COUNTY, SOIL SURVEY.

SONOMA COUNTY

<u>SYMBOL</u>	<u>NAME</u>
AeA*	Alluvial land, clayey
AgB	Arbuckle gravelly sandy loam, 0 to 5 percent slopes
AkB	Arbuckle gravelly loam, 0 to 5 percent slopes
AkC	Arbuckle gravelly loam, 5 to 9 percent slopes
BaC	Baywood loamy sand, 2 to 9 percent slopes
BcA*	Blucher fine sandy loam, overwash, 0 to 2 percent slopes
BhA	Blucher loam, 0 to 2 percent slopes
BhB	Blucher loam, 2 to 5 percent slopes
BIA	Blucher clay loam, 0 to 2 percent slopes
BIB	Blucher clay loam, 2 to 5 percent slopes
CcA	Clear Lake clay loam, 0 to 2 percent slopes
CcB#	Clear Lake clay loam, 2 to 5 percent slopes
CeA#	Clear Lake clay, sandy substratum, drained, 0 to 2 percent slopes
CeB#	Clear Lake clay, drained, 2 to 5 percent slopes
CnA#	Cole silt loam, 0 to 2 percent slopes
CnB#	Cole silt loam, 0 to 4 percent slopes
CoA#	Cole silty clay loam, 0 to 1 percent slopes
CoB#	Cole clay loam, 2 to 5 percent slopes
DbC	Diablo clay, 2 to 9 percent slopes
GdC	Goldridge fine sandy loam, 2 to 9 percent slopes
LuA	Los Robles gravelly clay loam, 0 to 2 percent slopes
LvB	Los Robles gravelly clay loam, moderately deep, 0 to 5 percent slopes
MbC	Manzanita gravelly silt loam, 0 to 9 percent slopes
PaA#	Pajaro fine sandy loam, 0 to 2 percent slopes
PaB	Pajaro fine sandy loam, 2 to 5 percent slopes
PbB	Pajaro gravelly loam, 0 to 5 percent slopes
PcA*	Pajaro clay loam, overwash, 0 to 2 percent slopes
PcB*	Pajaro clay loam, overwash, 2 to 5 percent slopes
PeA	Pleasanton loam, 0 to 2 percent slopes
PeC	Pleasanton loam, 2 to 9 percent slopes
PgB	Pleasanton gravelly loam, 2 to 5 percent slopes
PhB	Pleasanton clay loam, 2 to 5 percent slopes
PkC	Pleasanton gravelly clay loam, 2 to 9 percent slopes
RrC	Rohnerville loam, 0 to 9 percent slopes
SnC#	Steinbeck loam, 2 to 9 percent slopes
YIA	Yolo sandy loam, 0 to 2 percent slopes
YmB*	Yolo sandy loam, overwash, 0 to 5 percent slopes

SONOMA COUNTY
PRIME FARMLAND SOILS

<u>SYMBOL</u>	<u>NAME</u>
YnA	Yolo loam, 0 to 10 percent slopes, moist
YoB*	Yolo loam, overwash, 0 to 5 percent slopes
YrB	Yolo gravelly loam, 0 to 8 percent slopes
YsA	Yolo silt loam, 0 to 5 percent slopes
YtA	Yolo clay loam, 0 to 5 percent slopes
ZaA	Zamora silty clay loam, moist, 0 to 2 percent slopes
ZaB	Zamora silty clay loam, moist, 0 to 8 percent slopes
101m	<i>Ballard gravelly loam, 2 to 9 percent slopes</i>
168n	<i>Perkins gravelly loam, 1 to 10 percent slopes</i>
190m	<i>Tomales loam, 2 to 9 percent slopes</i>

* Prime farmland if either protected from flooding or not frequently flooded during the growing season. (Soils AeA, BcA, PcA, PcB, YmB, and YoB)

Prime farmland if drained. (Soils CcB, CeA, CeB, CnA, CnB, CoA, CoB, PaA, and SnC)

SONOMA 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 SONOMA COUNTY, SOIL SURVEY.

SONOMA COUNTY

<u>SYMBOL</u>	<u>NAME</u>
AgD	Arbuckle gravelly sandy loam, 5 to 15 percent slopes
CfA	Clear Lake clay, ponded, 0 to 2 percent slopes
CgC	Clough gravelly loam, 2 to 9 percent slopes
CtC	Cotati fine sandy loam, 2 to 9 percent slopes
DbD	Diablo clay, 9 to 15 percent slopes
DcC	Dibble clay loam, 2 to 9 percent slopes
FaD	Felta very gravelly loam, 5 to 15 percent slopes
GgD	Goulding clay loam, 5 to 15 percent slopes
HaB	Haire fine sandy loam, hummocky, 0 to 5 percent slopes
HbC	Haire gravelly loam, 0 to 9 percent slopes
HcC	Haire clay loam, 0 to 9 percent slopes
HtA	Huichica loam, 0 to 2 percent slopes
HtC	Huichica loam, 2 to 9 percent slopes
HuB	Huichica loam, ponded, 0 to 5 percent slopes
KID	Kinman loam, 5 to 15 percent slopes
KnC	Kneeland loam, 5 to 9 percent slopes
KnD	Kneeland loam, 9 to 15 percent slopes
LaC	Laniger loam, 5 to 9 percent slopes
LoD	Los Osos clay loam, 2 to 15 percent slopes
NoD	Noyo coarse sandy loam, 0 to 15 percent slopes
PIC	Pleasanton-Haire complex, 0 to 9 percent slopes
PsC	Positas gravelly loam, 0 to 9 percent slopes
PsD	Positas gravelly loam, 9 to 15 percent slopes
RaC	Raynor clay, 2 to 9 percent slopes
RaD	Raynor clay, 9 to 15 percent slopes
RhD	Red Hill clay loam, 2 to 15 percent slopes
RrD	Rohnerville loam, 9 to 15 percent slopes
SkC	Spreckels loam, 2 to 9 percent slopes
SkD	Spreckels loam, 9 to 15 percent slopes
SnD	Steinbeck loam, 9 to 15 percent slopes
SnD2	Steinbeck loam, 9 to 15 percent slopes, eroded
WgC	Wright loam, 0 to 9 percent slopes
WhA	Wright loam, wet, 0 to 2 percent slopes
WmB	Wright loam, shallow, 0 to 5 percent slopes

SONOMA COUNTY
FARMLAND OF STATEWIDE
IMPORTANCE SOILS

<u>SYMBOL</u>	<u>NAME</u>
100n	<i>Aiken loam, 2 to 15 percent slopes</i>
105m	<i>Blucher-Cole complex, 2 to 5 percent slopes</i>
107n	<i>Boomer loam, 2 to 15 percent slopes</i>

Note: Soils CgD (Clough gravelly loam, 9 to 15 percent slopes) and CgE (Clough gravelly loam, 15 to 30 percent slopes) have been removed from the Farmland of Statewide Importance Soils list per NRCS letter of 6/24/93.