

California Department of Conservation  
FARMLAND MAPPING AND MONITORING PROGRAM

**SOIL CANDIDATE LISTING**

for

**PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE**

**SIERRA VALLEY**

U.S. Department of Agriculture, Natural Resources Conservation Service, soil surveys for the Sierra Valley Area include:

Soil Survey of Sierra Valley Area, California, Parts of Sierra, Plumas, and Lassen Counties, October 1975

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

**The SSURGO data includes Sierra Valley Area (published 8/31/2009). The digital surveys contain additional soil units beyond those published in the original paper surveys. Soils on the Prime and Statewide lists that only occur in the SSURGO data are appended to this list in italics.**

**For more information on the NRCS SSURGO data, please see:  
<http://soils.usda.gov/survey/geography/ssurgo>**

8/3/95, updated 2/02/2010

**SIERRA VALLEY  
PRIME FARMLAND SOILS**

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
DAVIS, CALIFORNIA 95616

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 SIERRA VALLEY AREA SOIL SURVEY.

<u>Symbol</u>	<u>Name</u>
BrA*	Bidwell sandy loam, 0 to 2 percent slopes
BrB*	Bidwell sandy loam, 2 to 5 percent slopes
BsA*	Bidwell sandy loam, sandy substratum, 0 to 2 percent slopes
BtA	Bidwell loam, 0 to 2 percent slopes
CaA	Calpine coarse sandy loam, 0 to 2 percent slopes
CaB	Calpine coarse sandy loam, 2 to 5 percent slopes
CnA	Coolbrith silt loam, 0 to 2 percent slopes
CnB	Coolbrith silt loam, 2 to 5 percent slopes
CoB	Correco sandy loam, 2 to 5 percent slopes
DfA	Dotta sandy loam, 0 to 2 percent slopes
DfC	Dotta sandy loam, 2 to 9 percent slopes
JbB <sup>#</sup>	James Canyon gravelly loam, 2 to 5 percent slopes
JcA <sup>#</sup>	James Canyon silt loam, 0 to 2 percent slopes
MrC	Mottsville loamy sand, 2 to 9 percent slopes

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\* The hazard of wind erosion is moderate.

<sup>#</sup> This unit is Prime Farmland only if artificially drained; then the rooting depth exceeds 40 to 60 inches.

<u>Symbol</u>	<u>Name</u>
SaD	Saralegui sandy loam, 2 to 15 percent slopes
Sw	Smithneck sandy loam
202	<i>Northmore sandy loam, 4 to 8 percent slopes</i>
215	<i>Galeppi sandy loam, 2 to 5 percent slopes</i>

**SIERRA VALLEY  
FARMLAND OF STATEWIDE  
IMPORTANCE SOILS**

U.S. DEPARTMENT OF AGRICULTURE  
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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 SIERRA VALLEY AREA SOIL SURVEY.

<u>Symbol</u>	<u>Name</u>
BcA	Balman loam, 0 to 2 percent slopes
BcB	Balman loam, 2 to 5 percent slopes
Bf	Beckwourth loamy coarse sand
Bh	Beckwourth loamy coarse sand, clayey substratum
Bk	Beckwourth sandy loam
Bn	Beckwourth-Ormsby loamy coarse sands
BoA	Bellavista loam, 0 to 2 percent slopes
BoB	Bellavista loam, 2 to 5 percent slopes
CaC	Calpine coarse sandy loam, 5 to 9 percent slopes
CoD	Correco sandy loam, 5 to 15 percent slopes
GaB	Galeppi loamy coarse sand, 2 to 5 percent slopes
OrA	Ormsby loamy coarse sand, 0 to 2 percent slopes
OrB	Ormsby loamy coarse sand, 2 to 5 percent slopes
OtA*	Ormsby coarse sandy loam, poorly drained, 0 to 2 percent slopes
OtB*	Ormsby coarse sandy loam, poorly drained, 2 to 5 percent slopes

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\* This unit is Farmland of Statewide Importance only if drained.