

California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

SOIL CANDIDATE LISTING

FOR

PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE

BUTTE COUNTY

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

soil surveys for Butte County include:

Soil Survey of Butte Area, Parts of Butte and Plumas Counties,
September 2005

Soil Survey of Lassen National Forest, Parts of Lassen, Plumas, Butte,
Shasta, and Siskiyou Counties, February 2005

Soil Survey of Plumas National Forest Area, April 2005

Beginning in 2004, SSURGO digital soil information has been incorporated into the Butte County Important Farmland Map. Prior versions of the map have not been modified.

The SSURGO data includes Butte Area, Parts of Butte and Plumas Counties (published 09/12/2018), Lassen National Forest, Parts of Lassen, Plumas, Butte, Shasta, and Siskiyou Counties (published 9/13/2018), and Plumas National Forest 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/>

06/05/2006, updated 04/12/2021

BUTTE 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 *BUTTE AREA, PARTS OF BUTTE AND PLUMAS COUNTIES; LASSEN NATIONAL FOREST, PARTS OF LASSEN, PLUMAS, BUTTE, SHASTA, AND SISKIYOU COUNTIES; AND PLUMAS NATIONAL FOREST AREA, SOIL SURVEYS.*

BUTTE AREA, PARTS of BUTTE and PLUMAS COUNTIES

<u>SYMBOL</u>	<u>NAME</u>
104	Bosquejo clay, 0 to 1 percent slopes
105	Busacca clay loam, 0 to 1 percent slopes
109	Bosquejo clay loam, 0 to 1 percent slopes
110	Bosquejo silt loam, 0 to 1 percent slopes, overwash, occasionally flooded
121	Boga-Loemstone, 0 to 1 percent slopes
126	Liveoak sandy loam, 0 to 2 percent slopes
138su	Liveoak sandy clay loam, 0 to 2 percent slopes
150su	Olashes sandy loam, 0 to 2 percent slopes
158	Gianella fine sandy loam, 0 to 1 percent slopes, occasionally flooded
160	Gianella loam, 0 to 1 percent slopes, occasionally flooded
161	Gianella fine sandy loam, 0 to 1 percent slopes, rarely flooded
162	Gianella loam, 0 to 1 percent slopes, rarely flooded
163yu*	Holillipah loamy sand, 0 to 1 percent slopes, frequently flooded
175	Farwell clay loam, 0 to 1 percent slopes
176	Farwell loam, 0 to 1 percent slopes, occasionally flooded
177	Farwell silt loam, 0 to 1 percent slopes, occasionally flooded
178	Arbuckle gravelly loam, 0 to 2 percent slopes
180	Dodgeland silty clay loam, 0 to 5 percent slopes, occasionally flooded
189	Esquon silt loam, 0 to 1 percent slopes, overwash
200	Parrott silt loam, 0 to 2 percent slopes, occasionally flooded
203	Kusalslough silty clay loam, 0 to 1 percent slopes, occasionally flooded
221yu	Sites loam, 3 to 8 percent slopes
225yu	Sites gravelly loam, bedrock substratum, 3 to 8 percent slopes
248yu	Trainer loam, 0 to 1 percent slopes, occasionally flooded
250	Llanoseco silty clay loam, 0 to 2 percent slopes, occasionally flooded
252	Whitecabin-Ord ferry silty clays, 0 to 1 percent slopes, occasionally flooded
255	Whitecabin-Ord ferry, 0 to 1 percent slopes, occasionally flooded
256	Whitecabin silt loam, 0 to 1 percent slopes, occasionally flooded
258	Codora silty clay loam, 0 to 1 percent slopes, occasionally flooded
290	Perkins gravelly loam, 0 to 2 percent slopes

BUTTE COUNTY
PRIME FARMLAND SOILS

<u>SYMBOL</u>	<u>NAME</u>
300	Redsluff gravelly loam, 0 to 2 percent slopes
330	Wilsoncreek-Trainer loams, 0 to 2 percent slopes, occasionally flooded
338	Oxyaquic Xerofluvents silt loam and 0 to 1 percent slopes
415	Ignord fine sandy loam, 0 to 2 percent slopes
418	Almendra loam, 0 to 1 percent slopes
419	Conejo fine sandy loam, 0 to 1 percent slopes, overwash
420	Conejo clay loam, 0 to 1 percent slopes
425	Vina fine sandy loam, sandy substratum, 0 to 2 percent slopes
426	Vina loam, 0 to 2 percent slopes
441	Oxyaquic Xerofluvents very fine sandy loam, 0 to 1 percent slopes
445	Chico loam, 0 to 1 percent slopes
447	Charger fine sandy loam, 0 to 1 percent slopes
448	Haploxerolls clay loam, 0 to 2 percent slopes
449	Haploxerolls loam, 0 to 2 percent slopes
500	Lofgren-Blavo, 0 to 1 percent slopes
501	Lofgren-Blavo, 0 to 1 percent slopes, occasionally flooded
519	Edjobe silty clay, 0 to 1 percent slopes
520	Esquon-Neerdobe, 0 to 1 percent slopes

* Prime farmland if either protected from flooding or not frequently flooded during the growing season. (Soil 163yu)

BUTTE COUNTY
PRIME FARMLAND SOILS

LASSEN NATIONAL FOREST, PARTS of LASSEN, PLUMAS, BUTTE, SHASTA, and
SISKIYOU COUNTIES

<u>SYMBOL</u>	<u>NAME</u>
184It*	Henhill silt loam, partially drained, 0 to 2 percent slopes
212It*	Keddie loam, 0 to 2 percent slopes
247It	Matquaw gravelly sandy loam, 0 to 5 percent slopes
NaBsc	Nanny gravelly sandy loam, 0 to 8 percent slopes

* Prime farmland if drained. (Soils 184It and 212It)

PLUMAS NATIONAL FOREST AREA

<u>SYMBOL</u>	<u>NAME</u>
14	Fluvents, 0 to 2 percent slopes
19	Forgay Variant gravelly loam, 2 to 9 percent slopes
24	Keddie loam, 0 to 2 percent slopes
25	Keddie loam, 2 to 4 percent slopes
26	Keddie loam, channeled, 2 to 4 percent slopes
27	Keddie loam, silty clay substratum, 0 to 1 percent slopes
28	Keddie gravelly loam, 0 to 2 percent slopes
29	Keddie gravelly loam, 2 to 5 percent slopes
30	Massack fine sandy loam, 0 to 1 percent slopes
31	Massack Variant sandy loam, 0 to 2 percent slopes
33	Plumas Variant gravelly loam, 2 to 5 percent slopes
34	Ramelli silty clay loam, 0 to 2 percent slopes
37	Smithneck fine sandy loam, 0 to 2 percent slopes
38	Smithneck Variant sandy loam, 0 to 5 percent slopes
175yc	Jocal loam, 3 to 8 percent slopes
221yc	Sites loam, 3 to 8 percent slopes
BrBsv	Bidwell sandy loam, 2 to 5 percent slopes
CnBsv	Coolbrith silt loam, 2 to 5 percent slopes
DfCsv	Dotta sandy loam, 2 to 9 percent slopes
JcAsv*	James Canyon silt loam, 0 to 2 percent slopes
MrCsv	Mottsville loamy sand, 2 to 9 percent slopes

* Prime farmland if drained. (Soil JcAsv)

BUTTE 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 *BUTTE AREA, PARTS OF BUTTE AND PLUMAS COUNTIES; LASSEN NATIONAL FOREST, PARTS OF LASSEN, PLUMAS, BUTTE, SHASTA, AND SISKIYOU COUNTIES; AND PLUMAS NATIONAL FOREST AREA, SOIL SURVEYS.*

BUTTE AREA, PARTS of BUTTE and PLUMAS COUNTIES

<u>SYMBOL</u>	<u>NAME</u>
120	Gridley taxadjunct clay loam, 0 to 2 percent slopes
125	Gridley taxadjunct-Calcic Haploxerolls, 0 to 2 percent slopes
127	Gridley taxadjunct loam, 0 to 2 percent slopes
130	Eastbiggs loam, 0 to 2 percent slopes
133	Eastbiggs-Galt, 0 to 3 percent slopes
143su	Marcum-Gridley clay loams, 0 to 1 percent slopes
179	Moda taxadjunct-Arbuckle complex, 0 to 2 percent slopes
222yu	Sites loam, 8 to 15 percent slopes
226yu	Sites gravelly loam, bedrock substratum, 8 to 15 percent slopes
260	Ord ferry silty clay, 0 to 1 percent slopes, occasionally flooded
310	Kimball loam, 1 to 3 percent slopes
317	Thompsonflat loam, 2 to 15 percent slopes
318	Thompsonflat-Oroville, 0 to 9 percent slopes
416	Calcic Haploxerolls, 0 to 1 percent slopes
442	Durixerolls-haploxerolls clay loams and 0 to 2 percent slopes
443	Durixerolls-haploxerolls loams and 0 to 2 percent slopes
502	Blavo silt loam, 0 to 1 percent slopes, overwash, occasionally flooded
521	Neerdobe silt loam, 0 to 1 percent slopes, overwash
528	Neerdobe clay loam, 0 to 1 percent slopes

BUTTE COUNTY
FARMLAND OF STATEWIDE
IMPORTANCE SOILS

LASSEN NATIONAL FOREST, PARTS of LASSEN, PLUMAS, BUTTE, SHASTA, and
SISKIYOU COUNTIES

There are no soils that qualify for Farmland of Statewide Importance.

PLUMAS NATIONAL FOREST AREA

<u>SYMBOL</u>	<u>NAME</u>
10	Badenaugh very gravelly loam, 2 to 5 percent slopes
229yc	Sites loam, cool, 3 to 15 percent slopes
CaCsv	Calpine coarse sandy loam, 5 to 9 percent slopes
OtAsv	Ormsby coarse sandy loam, poorly drained, 0 to 2 percent slopes