

California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

SOIL CANDIDATE LISTING

FOR

PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE

SAN JOAQUIN COUNTY

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

soil surveys for San Joaquin County include:

Soil Survey of San Joaquin County, October 1992

Beginning in 2000, SSURGO digital soil information has been incorporated into the San Joaquin County Important Farmland Map. Prior versions of the map have not been modified.

The SSURGO data includes San Joaquin County (published 09/14/2018). 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 02/18/2021

SAN JOAQUIN 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 JOAQUIN COUNTY*, SOIL SURVEY.

SAN JOAQUIN COUNTY

<u>SYMBOL</u>	<u>NAME</u>
101	Acampo sandy loam, 0 to 2 percent slopes
106	Archerdale very fine sandy loam, 0 to 2 percent slopes, overwashed
107	Archerdale clay loam, 0 to 2 percent slopes
110	Boggiano clay loam, 0 to 2 percent slopes
111	Bruella sandy loam, 0 to 2 percent slopes
112	Bruella sandy loam, hard substratum, 0 to 2 percent slopes
113	Calla clay loam, 2 to 8 percent slopes
117	Capay clay loam, 0 to 8 percent slopes
118	Capay clay, 0 to 1 percent slopes
119	Capay clay, 1 to 6 percent slopes
121	Capay clay, wet, 0 percent slopes
122	Capay-Urban land complex, 0 percent slopes
123	Carbona clay loam, 2 to 8 percent slopes
127	Chuloak coarse sandy loam, 0 to 2 percent slopes
128	Cogna loam, 0 to 2 percent slopes, overwash
129	Cogna loam, 0 to 2 percent slopes
130	Columbia fine sandy loam, drained, 0 to 2 percent slopes
131	Columbia fine sandy loam, partially drained, 0 to 2 percent slopes, occasionally flooded
132*	Columbia fine sandy loam, channeled, partially drained, 0 to 2 percent slopes, frequently flooded
133	Columbia fine sandy loam, clayey substratum, partially drained, 0 to 2 percent slopes
138	Cosumnes silty clay loam, drained, 0 to 2 percent slopes
139	Cosumnes silty clay loam, drained, 0 to 2 percent slopes, occasionally flooded
140	Coyotecreek silt loam, 0 to 2 percent slopes, occasionally flooded
152	Egbert mucky clay loam, partially drained, 0 to 2 percent slopes
153	Egbert silty clay loam, partially drained, 0 to 2 percent slopes
154	Egbert silty clay loam, sandy substratum, partially drained, 0 to 2 percent slopes
156	El Solyo clay loam, 0 to 2 percent slopes
158	Finrod clay loam, 0 to 2 percent slopes
166	Grangeville fine sandy loam, partially drained, 0 to 2 percent slopes
167	Grangeville clay loam, partially drained, 0 to 2 percent slopes

SAN JOAQUIN COUNTY
PRIME FARMLAND SOILS

<u>SYMBOL</u>	<u>NAME</u>
168 [#]	Guard clay loam, 0 to 2 percent slopes
169	Guard clay loam, drained, 0 to 2 percent slopes
170	Hicksville loam, 0 to 2 percent slopes, occasionally flooded
171	Hicksville loam, bedrock substratum, 2 to 5 percent slopes, occasionally flooded
172	Hicksville gravelly loam, 0 to 2 percent slopes, occasionally flooded
173	Hollenbeck silty clay, 0 to 2 percent slopes
174	Hollenbeck clay, 1 to 3 percent slopes
175	Honcut sandy loam, 0 to 2 percent slopes
182	Jahant loam, 0 to 2 percent slopes
183	Jahant loam, 2 to 8 percent slopes
189	Kingdon fine sandy loam, 0 to 2 percent slopes
190	Kingile muck, partially drained, 0 to 2 percent slopes
191	Kingile-Ryde complex, partially drained, 0 to 2 percent slopes
197	Merritt silty clay loam, partially drained, 0 to 2 percent slopes
198	Merritt silty clay loam, partially drained, 0 to 2 percent slopes, occasionally flooded
201	Nord loam, 0 to 2 percent slopes
204	Peltier mucky clay loam, partially drained, 0 to 2 percent slopes
205	Peltier mucky clay loam, organic substratum, partially drained, 0 to 2 percent slopes
215	Pleito clay loam, 2 to 8 percent slopes
222	Reiff fine sandy loam, 0 to 2 percent slopes, occasionally flooded
223	Reiff loam, 0 to 2 percent slopes
224	Rindge mucky silt loam, partially drained, 0 to 2 percent slopes
225	Rindge muck, 0 to 2 percent slopes, partially drained
230	Ryde clay loam, partially drained, 0 to 2 percent slopes
231	Ryde silty clay loam, organic substratum, partially drained, 0 to 2 percent slopes
232	Ryde clay loam, sandy substratum, partially drained, 0 to 2 percent slopes
233	Ryde-Peltier complex, partially drained, 0 to 2 percent slopes
234	Sailboat silt loam, drained, 0 to 2 percent slopes
235	Sailboat silt loam, drained, 0 to 2 percent slopes, wet, occasionally flooded
243	Scribner clay loam, partially drained, 0 to 2 percent slopes
244	Scribner clay loam, sandy substratum, partially drained, 0 to 2 percent slopes
246	Shima muck, partially drained, 0 to 2 percent slopes
247	Shinkee muck, partially drained, 0 to 2 percent slopes
248	Stockton fine sandy loam, 0 to 2 percent slopes, overwashed
249	Stockton silty clay loam, 0 to 2 percent slopes, overwashed
250	Stockton clay, 0 to 2 percent slopes
252	Stomar clay loam, 0 to 2 percent slopes
253	Stomar clay loam, wet, 0 to 2 percent slopes

SAN JOAQUIN COUNTY
PRIME FARMLAND SOILS

<u>SYMBOL</u>	<u>NAME</u>
256	Tokay fine sandy loam, 0 to 2 percent slopes
261	Valdez silt loam, organic substratum, partially drained, 0 to 2 percent slopes
263	Venice mucky silt loam, partially drained, 0 to 2 percent slopes, overwashed
264	Venice muck, partially drained, 0 to 2 percent slopes
265	Veritas sandy loam, partially drained, 0 to 2 percent slopes
266	Veritas fine sandy loam, 0 to 2 percent slopes
267	Veritas silty clay loam, 0 to 2 percent slopes, overwashed
268	Vernalis clay loam, 0 to 2 percent slopes
269	Vernalis clay loam, wet, 0 to 2 percent slopes
272	Vina fine sandy loam, 0 to 2 percent slopes
273	Webile muck, partially drained, 0 to 2 percent slopes
281	Zacharias clay loam, 0 to 2 percent slopes
282	Zacharias gravelly clay loam, 0 to 2 percent slopes
283	Zacharias gravelly clay loam, 2 to 8 percent slopes
5201	<i>Pardee cobbly loam, 2 to 15 percent slopes</i>

* Prime farmland if either protected from flooding or not frequently flooded during the growing season. (Soil 132)

Prime farmland if drained. (Soil 168)

Note: Soils 155, 245, 251, and 257 were removed from the Prime Farmland list per NRCS. These soils were Urban Land complex soils.

SAN JOAQUIN 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 JOAQUIN COUNTY*, SOIL SURVEYS.

SAN JOAQUIN COUNTY

<u>SYMBOL</u>	<u>NAME</u>
108	Arents, saline-sodic, 0 to 2 percent slopes
109	Bisgani loamy coarse sand, partially drained, 0 to 2 percent slopes
120	Capay clay, 0 to 1 percent slopes, saline-sodic
137	Cortina gravelly sandy loam, 0 to 5 percent slopes
141	Delhi fine sand, 0 to 5 percent slopes
142	Delhi loamy sand, 0 to 2 percent slopes
143	Delhi-Urban land complex, 0 to 2 percent slopes
144	Dello sand, partially drained, 0 to 2 percent slopes, occasionally flooded
145	Dello loamy sand, drained, 0 to 2 percent slopes
146	Dello loamy sand, partially drained, 0 to 2 percent slopes
147	Dello sandy loam, clayey substratum, drained, 0 to 2 percent slopes
148	Dello clay loam, drained, 0 to 2 percent slopes, overwashed
160	Galt clay, 0 to 1 percent slopes
161	Galt clay, 0 to 4 percent slopes
162	Galt-Urban land complex, 0 to 1 percent slopes
179	Itano silty clay loam, partially drained, 0 to 2 percent slopes
180	Jacktone clay, 0 to 2 percent slopes
181	Jacktone-Urban land complex, 0 to 2 percent slopes
196	Manteca fine sandy loam, 0 to 2 percent slopes
213	Piper sandy loam, partially drained, 0 to 2 percent slopes
226	Rioblancho clay loam, drained, 0 to 2 percent slopes
227	Rioblancho-Urban land complex, drained, 0 to 2 percent slopes
240	San Joaquin loam, thick surface, 0 to 2 percent slopes
254	Timor loamy sand, 0 to 2 percent slopes
255	Tinnin loamy coarse sand, 0 to 2 percent slopes
259	Tujungana loamy sand, 0 to 2 percent slopes
270	Vignolo silt loam, 0 to 2 percent slopes
271	Vignolo silty clay loam, 0 to 2 percent slopes