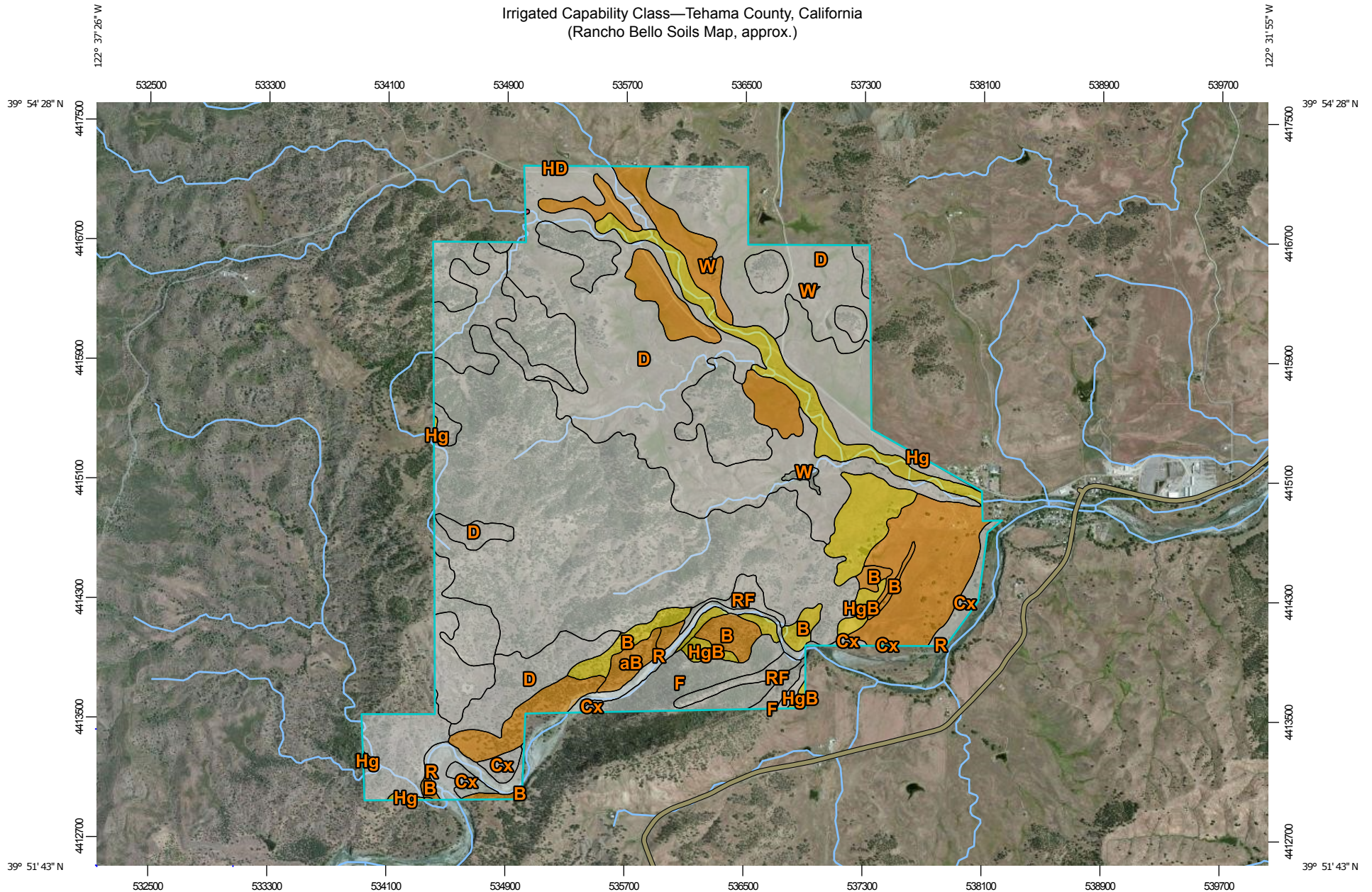


Irrigated Capability Class—Tehama County, California
(Rancho Bello Soils Map, approx.)



Map Scale: 1:36,000 if printed on A landscape (11" x 8.5") sheet.

0 500 1000 2000 3000 Meters

0 1500 3000 6000 9000 Feet


Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84



Irrigated Capability Class—Tehama County, California
(Rancho Bello Soils Map, approx.)










MAP LEGEND

Area of Interest (AOI)










 Area of Interest (AOI)

Soils



Soil Rating Polygons








-  Capability Class - I
-  Capability Class - II
-  Capability Class - III
-  Capability Class - IV
-  Capability Class - V
-  Capability Class - VI
-  Capability Class - VII
-  Capability Class - VIII
-  Not rated or not available

Soil Rating Lines


-  Capability Class - I
-  Capability Class - II
-  Capability Class - III
-  Capability Class - IV
-  Capability Class - V
-  Capability Class - VI
-  Capability Class - VII
-  Capability Class - VIII
-  Not rated or not available

Soil Rating Points






-  Capability Class - I
-  Capability Class - II

-  Capability Class - III
-  Capability Class - IV
-  Capability Class - V
-  Capability Class - VI
-  Capability Class - VII
-  Capability Class - VIII
-  Not rated or not available


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Tehama County, California
Survey Area Data: Version 10, Sep 13, 2016

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 12, 2010—Jun 15, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Irrigated Capability Class

Irrigated Capability Class— Summary by Map Unit — Tehama County, California (CA645)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AvA	Arbuckle gravelly loam, 0 to 2 percent slopes, MLRA 17	2	188.4	6.7%
AvB	Arbuckle gravelly loam, 3 to 8 percent slopes	2	14.8	0.5%
Ay	Arbuckle gravelly loam, clayey substratum, channeled	3	93.7	3.3%
Az	Arbuckle-Tehama complex, 0 to 3 percent slopes	2	127.8	4.6%
Czx	Cortina complex		41.0	1.5%
HgA	Hillgate loam, 0 to 3 percent slopes	3	5.0	0.2%
HgB	Hillgate loam, 3 to 8 percent slopes	3	22.2	0.8%
HtD	Hillgate-Millsholm complex, 3 to 30 percent slopes		0.4	0.0%
KoA	Kimball gravelly loam, 0 to 3 percent slopes	3	55.7	2.0%
LdE2	Lodo and Maymen shaly loams, 30 to 65 percent slopes, eroded		46.6	1.7%
LfD	Lodo-Millsholm complex, 10 to 30 percent slopes		67.8	2.4%
LfE	Lodo-Millsholm complex, 30 to 50 percent slopes		180.1	6.4%
MtD	Millsholm loam, 10 to 30 percent slopes, MLRA 15		20.3	0.7%
MtE	Millsholm loam, 15 to 50 percent slopes, MLRA 15		962.8	34.4%
MtF	Millsholm clay loam, 50 to 65 percent slopes		0.0	0.0%
MuF	Millsholm rocky sandy loam, 50 to 65 percent slopes		72.9	2.6%
Mzy	Myers clay, 0 to 3 percent slopes		91.3	3.3%

Irrigated Capability Class— Summary by Map Unit — Tehama County, California (CA645)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
PkA	Perkins gravelly loam, 0 to 3 percent slopes, MLRA 17	2	0.2	0.0%
PkB	Perkins gravelly loam, 3 to 8 percent slopes	2	21.2	0.8%
PvB	Pleasanton gravelly loam, 1 to 10 percent slopes	3	33.3	1.2%
Rr	Riverwash		50.4	1.8%
RtF	Rockland		25.1	0.9%
SmD	Sehorn-Millsholm complex, 10 to 30 percent slopes		647.5	23.1%
SmE	Sehorn-Millsholm complex, 30 to 50 percent slopes		6.0	0.2%
TaB	Tehama loam, 3 to 8 percent slopes, MLRA 17	2	18.6	0.7%
W	Water		7.5	0.3%
Zc	Zamora clay loam, 0 to 3 percent slopes	1	0.2	0.0%
Totals for Area of Interest			2,800.6	100.0%

Description

Land capability classification shows, in a general way, the suitability of soils for most kinds of field crops. Crops that require special management are excluded. The soils are grouped according to their limitations for field crops, the risk of damage if they are used for crops, and the way they respond to management. The criteria used in grouping the soils do not include major and generally expensive landforming that would change slope, depth, or other characteristics of the soils, nor do they include possible but unlikely major reclamation projects. Capability classification is not a substitute for interpretations that show suitability and limitations of groups of soils for rangeland, for woodland, or for engineering purposes.

In the capability system, soils are generally grouped at three levels—capability class, subclass, and unit. Only class and subclass are included in this data set.

Capability classes, the broadest groups, are designated by the numbers 1 through 8. The numbers indicate progressively greater limitations and narrower choices for practical use. The classes are defined as follows:

Class 1 soils have few limitations that restrict their use.

Class 2 soils have moderate limitations that reduce the choice of plants or that require moderate conservation practices.

Class 3 soils have severe limitations that reduce the choice of plants or that require special conservation practices, or both.

Class 4 soils have very severe limitations that reduce the choice of plants or that require very careful management, or both.

Class 5 soils are subject to little or no erosion but have other limitations, impractical to remove, that restrict their use mainly to pasture, rangeland, forestland, or wildlife habitat.

Class 6 soils have severe limitations that make them generally unsuitable for cultivation and that restrict their use mainly to pasture, rangeland, forestland, or wildlife habitat.

Class 7 soils have very severe limitations that make them unsuitable for cultivation and that restrict their use mainly to grazing, forestland, or wildlife habitat.

Class 8 soils and miscellaneous areas have limitations that preclude commercial plant production and that restrict their use to recreational purposes, wildlife habitat, watershed, or esthetic purposes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher