





Tables — Farmland Classification — Summary By Map Unit

Summary by Map Unit — Humboldt County, Central Part, California (CA600)				
Summary by Map Unit — Humboldt County, Central Part, California (CA600)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
171	Worswick-Arlynda complex 0 to 2 percent slopes	Prime farmland if irrigated and drained	2.0	10.7%
226	Arcata and Candymountain soils, 2 to 9 percent slopes	Farmland of statewide importance	16.6	89.3%
Totals for Area of Interest			18.6	100.0%

Description — Farmland Classification

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options — Farmland Classification

Aggregation Method: No Aggregation Necessary

Tie-break Rules: Lower

## Report — Land Capability Classification

Humboldt County, Central Part, California

Map unit symbol and name	Pct. of map unit	Component name	Land Capability Subclass	
			Nonirrigated	Irrigated
171—Worswick-Arlynda complex 0 to 2 percent slopes				
	55	Worswick	5w	—
	35	Arlynda	5w	—
	5	Bigtree	2e	—
	5	Fluventic dystrodepts, loamy-skeletal	4s	—
226—Arcata and Candymountain soils, 2 to 9 percent slopes				
	50	Arcata	2e	2e
	35	Candymountain	3e	—
	4	Halfbluff	2e	2e
	4	Urban land, residential	8	—
	3	Megwil,	2e	2e
	2	Talawa	5w	5w
	2	Timmons	2e	2e

## Description — Land Capability Classification

Land Capability Classification



**Tables — Irrigated Capability Class — Summary By Map Unit**
**Summary by Map Unit — Humboldt County, Central Part, California (CA600)**
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Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
171	Worswick-Arlynda complex 0 to 2 percent slopes		2.0	10.7%
226	Arcata and Candymountain soils, 2 to 9 percent slopes	2	16.6	89.3%
<b>Totals for Area of Interest</b>			<b>18.6</b>	<b>100.0%</b>

**Description — Irrigated Capability Class**

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.


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## Report — California Revised Storie Index (CA)

Humboldt County, Central Part, California

Map symbol and soil name	Pct. of map unit	California Revised Storie Index (CA)	
		Rating class	Value
171—Worswick-Arlynda complex 0 to 2 percent slopes			
Worswick	55	Grade 3 - Fair	50
Arlynda	35	Grade 3 - Fair	49
226—Arcata and Candymountain soils, 2 to 9 percent slopes			
Arcata	50	Grade 1 - Excellent	89
Candymountain	35	Grade 2 - Good	72

## Description — California Revised Storie Index (CA)

### California Revised Storie Index Rating (CA)

The Revised Storie Index is a rating system based on soil properties that govern the potential for soil map unit components to be used for irrigated agriculture in California.

The Revised Storie Index assesses the productivity of a soil from the following four characteristics:

- Factor A: degree of soil profile development
- Factor B: texture of the surface layer
- Factor C: steepness of slope
- Factor X: drainage class, landform, erosion class, flooding and ponding frequency and duration, soil pH, soluble salt content as measured by electrical conductivity, and sodium adsorption ratio



## Summary by Map Unit — Humboldt County, Central Part, California (CA600)

## Summary by Map Unit — Humboldt County, Central Part, California (CA600)

Map unit symbol	Map unit name	Rating	Component name (percent)	Acres in AOI	Percent of AOI
171	Worswick-Arlynda complex 0 to 2 percent slopes	Grade 3 - Fair	Worswick (55%)	2.0	10.7%
			Arlynda (35%)		
			Fluventic Dystrudepts, loamy-skeletal (5%)		
226	Arcata and Candymountain soils, 2 to 9 percent slopes	Grade 1 - Excellent	Arcata (50%)	16.6	89.3%
			Megwil, (3%)		
			Timmons (2%)		
Totals for Area of Interest				18.6	100.0%

## Description — California Revised Storie Index (CA)

The Revised Storie Index is a rating system based on soil properties that govern the potential for soil map unit components to be used for irrigated agriculture in California.

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Revised Storie Index numerical ratings have been combined into six classes as follows:

- Grade 1: Excellent (81 to 100)
- Grade 2: Good (61 to 80)
- Grade 3: Fair (41 to 60)
- Grade 4: Poor (21 to 40)
- Grade 5: Very poor (11 to 20)
- Grade 6: Nonagricultural (10 or less)

The components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as the one shown for the map unit. The percent composition of each component in a particular map unit is given to help the user better understand the extent to which the rating applies to the map unit.