

SoilWeb for iPhone and AndroidOS

The SoilWeb mobile app utilizes real-time GPS location information to show USDA National Cooperative Soil Survey data at your current location. It is a portable version of UC Davis California Soil Resource Lab's web-based interface to digital soil survey data from NRCS.



The availability of soil survey data in a mobile form is particularly helpful for individuals in the field who are working away from their computer. This app can also aid users who are familiar with NRCS's Web Soil Survey but only need access to basic information about the map units in a specific area.

Soil Web is helpful not only to specialists, but also to the general public. A farmer, rancher, even a backyard gardener can use a smartphone to gain an understanding of the soil type of the surrounding landscape and utilize that information to guide their practices.

iPhone: <https://itunes.apple.com/us/app/soilweb-for-the-iphone/id354911787?mt=8>

AndroidOS: <https://play.google.com/store/apps/details?id=casoilresource.apps.soilweb>

Set the desired GPS accuracy with the slider, and click "Done" to return to the main view.

Component names are linked to their details on the CA Soil Resource page. Use the "back" arrow to return to the main view.

Click to start application

Application starts with GPS disabled. Click "GPS" to start acquiring location data. Click on the "info" button for application details.

Once a location with sufficient accuracy is acquired, map unit components are displayed. Soil profiles link to their Official Series Description

Soil Taxonomy
 Order: [Entisols](#)
 Suborder: [Oxorthents](#) [Map of Suborders]
 Greatgroup: [Xerorthents](#)
 Subgroup: [Typic Xerorthents](#)
 Family: [Coarse-loamy, mixed, nonacid, Xerorthents](#)
 Soil Series: [Pollasky](#) [Link to OSD] (L)
 Phase: [Pollasky-Montpellier complex, 6 stops](#)

Land Classification
 Store Index: 5
 Land Capability Class (non-irrigated): 4
 Land Capability Class (irrigated): 4
 Ecological Site Description: 0

Soil Suitability Ratings
 Water Retained: 25% (VeryLow) (Low)

POLLASKY SERIES
 The Pollasky series consists of moderately deep, well drained, moderately coarse textured Regosols formed in the residuums from soft to moderately consolidated arkosic sediments. They occur on undulating to steep dissected terraces under annual grasses and forbs. They have brown, slightly acid sandy loam A horizons and pale brown to yellowish brown, slightly acid to neutral, sandy loam C horizons abruptly overlying consolidated granitic sediments. Pollasky soils occur in the same