



Natural Resources Conservation Service  
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July 11, 2011

**AGRONOMY TECHNICAL NOTE NO. CA - 70**

**SUBJECT: AGRON – Agronomy - Evaluation of an On-Farm Sampling Method for Estimating Soil Carbon Levels on Rangeland Sites in the Sacramento Valley, CA**

**Purpose:** To transmit the above named Technical Note

**Effective Date:** When contents are received

“Evaluation of an on-farm sampling method for estimating soil carbon levels on rangeland sites in the Sacramento Valley, CA” provides NRCS planners with science-based lessons learned from field trials testing a practical method for measuring and monitoring Soil Organic Carbon on working rangelands. This Technical Note also includes model for site-specific sampling and procedures to account for the natural spatial variability in soil carbon levels. This protocol will help planners to conduct initial small-scale trials in advance of soil carbon monitoring in order to develop those estimates for localized data sampling.

**Filing Instructions:** This Technical Note and new Index will be filed electronically in the California eFOTG under the hierarchy: Section I, Technical Notes, Agronomy.

<http://www.nrcs.usda.gov/technical/efotg>

Field Offices may also optionally file hard copies in three-ring binder with other “Subject” Technical Notes. If a hard copy is maintained, update the Index with new entries.

/s/ **Terryl Kocsis**, *Acting for*

DIANE B. HOLCOMB  
State Resource Conservationist

Enclosure: 1

Distribution: All



