
Inventory of the Century Experiment/Long Term Research on Agricultural Sustainability (LTRAS) Project Records AR-110

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University of California, Davis. UC Davis Library, University Archives

2017

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Title: Century Experiment/Long Term Research on Agricultural Sustainability (LTRAS) Project Records

creator: Long Term Research on Agricultural Systems Project

Identifier/Call Number: AR-110

Physical Description: 4.4 linear feet

Date (inclusive): 1981-2015

Abstract: The Century Experiment, a project of the UC Davis Agricultural Sustainability Institute, is a 100-year study measuring long-term impacts of crop rotation, farming systems, and inputs of water and nutrients on agricultural sustainability. The experiment is based at the Russell Ranch Sustainable Agriculture Facility in Davis, California. At its founding in 1993, the Century Experiment was named the Long Term Research on Agricultural Systems (LTRAS) project. The collection includes Century Experiment/LTRAS program materials including experimental design documentation, data, laboratory notebooks, maps, photographs, slides, and reports.

Researchers should contact Special Collections to request collections, as many are stored offsite.

Administrative History

The Century Experiment, a project of the UC Davis Agricultural Sustainability Institute, is a 100-year study measuring the long-term impacts of crop rotation, farming systems, and inputs of water, nitrogen, carbon and other elements on agricultural sustainability. The experiment's seventy-two test plots are located at the Russell Ranch Sustainable Agriculture Facility in Davis, California. At its founding in 1993, the Century Experiment was named the Long Term Research on Agricultural Systems (LTRAS) project, later changing its name to the Long Term Research on Agricultural Sustainability project.

Sources:

The Century Experiment, <http://asi.ucdavis.edu/programs/rr/about/century-experiment>. Last accessed 14 July 2017.

About Russell Ranch, <http://asi.ucdavis.edu/programs/rr>. Last accessed 14 July 2017.

Content Description

The collection includes Century Experiment/LTRAS program materials including experimental design documentation, data, laboratory notebooks, maps, photographs, slides, and reports.

Conditions Governing Access

Collection is open for research.

Processing Information

This collection was processed by Liz Phillips with help from student assistant Robyn Lam.

Preferred Citation

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Subjects and Indexing Terms

Sustainability

Agriculture -- California

UC Davis Agricultural Sustainability Institute -- Archives

Russell Ranch -- Archives

Long Term Research on Agricultural Systems Project -- Archives

Box 1

Box 1

Scope and Contents

Not listed at this time

Box 2

Box 2

Scope and Contents

Not listed at this time.

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 Box 3, Folder 3 **RR Sales 2012-2015**
 Box 3, Folder 4 **Experiments before 1993: Compost/Manure Study: DCB 1990-1993**
 Box 3, Folder 5 **Experiments before 1993: Corn Data 1991**
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 Box 3, Folder 14 **Experimental Design, Sample Schematics: Review of LTRAS 27 May 2002**
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| Box 5, Folder 7 | Black and Maroon Laboratory Notebook (unknown author) 1997 |
| Box 5, Folder 8 | Brown Laboratory Notebook: Akbar Abshahi Yazdi 1993 |
| Box 5, Folder 9 | Black Laboratory Notebook: Elizabeth Martini 1998 |
| Box 5, Folder 10 | Blue notebook "Ammonia Analyzer" 1995 |
| Box 5, Folder 11 | Red Laboratory Notebook, Carlo-Erba Log Notations, Lab 170, Hunt Hall 1996-1997 |
| Box 5, Folder 12 | Evaluation of Conservation tillage and Cover Crop Systems for Organic Processing Tomato Production- Nicholaus M. Madden 2002 |
| Box 5, Folder 13 | Black and Maroon Laboratory Notebook: Michelle Akerman "Book 4" 29 May 1997- 30 November 1999 |
| | AR Folio 1 |
| Box AR Folio 1 | Century Experiment Plot Diagram undated |
