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

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2017
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URL: https://www.library.ucdavis.edu/special-collections/
Language of Material: English
Contributing Institution: University of California, Davis. UC Davis Library, University Archives
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:
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
[Identification of item], Century Experiment/Long Term Research on Agricultural Sustainability (LTRAS) Project Records, AR-110, Special Collections, UC Davis Library, University of California, Davis.
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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

Scope and Contents
Not listed at this time
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Not listed at this time.

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Box 3, Folder 1  Listening Session 2004
Box 3, Folder 2  Listening Session CD 2004
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
Box 3, Folder 8  PowWow 2005
Box 3, Folder 9  Nitrogen Assesment 2008
Box 3, Folder 10  Center for Integrated Farming Systems (CIFS) 2004-2005
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Box 3, Folder 12  Experimental Design, Sample Schematics: Trt. changes, Sample, Analysis, etc. Protocols 1993
Box 3, Folder 13  Experimental Design, Sample Schematics: LTRAS Charter 1998
Box 3, Folder 14  Experimental Design, Sample Schematics: Review of LTRAS 27 May 2002
Box 3, Folder 15  Experimental Design, Sample Schematics: SAFS Proposal 2003
Box 3, Folder 16  Experimental Design, Sample Schematics: The design of LTRAS and data analysis undated
Box 3, Folder 17  Experimental Design, Sample Schematics: LTRAS undated
Box 3, Folder 18  Experimental Design, Sample Schematics: Twelve Year LTRAS Assessment and Planning meeting undated
Box 3, Folder 19  Experimental Design, Sample Schematics: SAFS Pow Wow Executive Summary November 2005
Box 3, Folder 21  RR/SAFS/LTRAS Publications 1993-2008
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Box 3, Folder 23  Reduced Till Experiment- SAFS (1) 1993-2007
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Box 3, Folder 26  Facilities, Equipment 1992-2008
Box 3, Folder 27  Facilities, Equipment: Lab Ovens PES 1315 2002
Box 3, folder 28  Facilities, Equipment: LTRAS John Deere folder 2001-2002
Box 3, Folder 29  Budgetary reports 1991-2004

Box 4

Box 4, Folder 1  RR Century Experiment Data 1993-1994
Box 4, Folder 2  RR Century Experiment Data 1995
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Box 4, Folder 24  Ag-Recon maps 13 August 2000
Box 4, Folder 25  GC Survey Subplot Selection: LTRAS Data and Maps CD 11 September, 2003
Box 4, Folder 26  GC Survey Subplot Selection: LTRAS subplot template and printed maps of LTRAS plots undated
Box 4, Folder 27  GC Survey Subplot Selection: Spring 2004 Remote Sensing Negative Digitized Images undated
  Scope and Contents
  includes 2CD-Rs
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Box 4, Folder 29  Remote Sensing: LTRAS aerial images (two-color and infrared) April 2003
Box 4, Folder 30  Remote Sensing: Ag-Recon Aerial Imagery CD 22 June 2003
Box 4, Folder 31  Remote Screening: Ag-Recon Report and negative 22 June 2003
Box 4, Folder 32  Negative slides from unnamed black binder undated
Box 4, Folder 33  Ag-Recon maps and positive color slides from unnamed green binder 1993-2001
Box 4, Folder 34  Positive color slides from unnamed green binder 1995
Box 4, Folder 35  LTRAS slides 1993-1995
Box 4, Folder 36  LTRAS slides 1992-1999

Box 5

Box 5, Folder 1  Brown Laboratory Notebook: David Mata 14 October 1993
Box 5, Folder 2  Black Laboratory Notebook: Michelle Akerman 1997-1998
Box 5, Folder 3  Black and Maroon Laboratory Notebook: Daryl Lee 1996
Box 5, Folder 4  Composition Book (unknown author) May 1993
Box 5, Folder 5  Black and Maroon Laboratory Notebook (unknown author) 1994
Box 5, Folder 6  Black and Maroon Laboratory Notebook: Elizabeth Martini 2000
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- Nicholas 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