

NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY - NOMINATION FORM

(Type all entries - complete applicable sections)

|                    |
|--------------------|
| STATE:<br>Missouri |
| COUNTY:<br>Boone   |
| FOR NPS USE ONLY   |
| ENTRY DATE         |

**1. NAME**

COMMON:  
Sanborn Field and Erosion Plots

AND/OR HISTORIC:

**2. LOCATION**

STREET AND NUMBER:  
University of Missouri Campus

CITY OR TOWN:  
Columbia

STATE:  
Missouri

CONGRESSIONAL DISTRICT:  
8th

COUNTY:  
Boone

CODE:  
29

CODE:  
019

**3. CLASSIFICATION**

| CATEGORY<br>(Check One)   | OWNERSHIP  | STATUS  | ACCESSIBLE TO THE PUBLIC  |
|---|--|---|---|
| <input type="checkbox"/> District<br><input checked="" type="checkbox"/> Site<br><input type="checkbox"/> Building<br><input type="checkbox"/> Structure<br><input type="checkbox"/> Object | <input checked="" type="checkbox"/> Public<br><input type="checkbox"/> Private<br><input type="checkbox"/> Both                                    | Public Acquisition:<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Being Considered   | <input type="checkbox"/> Occupied<br><input checked="" type="checkbox"/> Unoccupied<br><input type="checkbox"/> Preservation work in progress |
| PRESENT USE (Check One or More as Appropriate)  |  |   |   |
| <input type="checkbox"/> Agricultural<br><input type="checkbox"/> Commercial<br><input checked="" type="checkbox"/> Educational<br><input type="checkbox"/> Entertainment                   | <input type="checkbox"/> Government<br><input type="checkbox"/> Industrial<br><input type="checkbox"/> Military<br><input type="checkbox"/> Museum | <input type="checkbox"/> Park<br><input type="checkbox"/> Private Residence<br><input type="checkbox"/> Religious<br><input checked="" type="checkbox"/> Scientific | <input type="checkbox"/> Transportation<br><input type="checkbox"/> Other (Specify)   |

**4. OWNER OF PROPERTY**

OWNER'S NAME:  
State of Missouri

STREET AND NUMBER:  
University of Missouri, Missouri Agriculture Experiment Station

CITY OR TOWN:  
Columbia

STATE:  
Missouri

CODE:  
29

**5. LOCATION OF LEGAL DESCRIPTION**

COURTHOUSE, REGISTRY OF DEEDS, ETC:  
Not applicable

STREET AND NUMBER:

CITY OR TOWN:

STATE:

CODE:

**6. REPRESENTATION IN EXISTING SURVEYS**

TITLE OF SURVEY:  
National Survey of Historic Sites & Buildings

DATE OF SURVEY: 1963  Federal  State  County  Local

DEPOSITORY FOR SURVEY RECORDS:  
National Park Service, Office of Archeology & Historic Pres.

STREET AND NUMBER:  
Interior Building, 18 & 19th Streets at Virginia Ave., N.W.

CITY OR TOWN:  
Washington

STATE:  
D. C.

CODE:  
001

SEE INSTRUCTIONS

STATE: Missouri

COUNTY: Boone

ENTRY NUMBER

DATE

FOR NPS USE ONLY

7. DESCRIPTION

|           |   |   |                               |                                       |   |                                    |
|-----------|---|---|-------------------------------|---------------------------------------|---|------------------------------------|
| CONDITION | (Check One)                                   |   |                               |                                       |   |                                    |
|           | <input checked="" type="checkbox"/> Excellent | <input type="checkbox"/> Good                 | <input type="checkbox"/> Fair | <input type="checkbox"/> Deteriorated | <input type="checkbox"/> Ruins                    | <input type="checkbox"/> Unexposed |
|           | (Check One)                                   |   |                               | (Check One)                           |   |                                    |
|           | <input type="checkbox"/> Altered              | <input checked="" type="checkbox"/> Unaltered |                               | <input type="checkbox"/> Moved        | <input checked="" type="checkbox"/> Original Site |                                    |

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

The plot performs the same function and remains in the same general condition as when created.

SEE INSTRUCTIONS

8. SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- |  |                                       |  |  |
|--|---------------------------------------|--|--|
| <input type="checkbox"/> Pre-Columbian           | <input type="checkbox"/> 16th Century | <input type="checkbox"/> 18th Century            | <input checked="" type="checkbox"/> 20th Century |
| <input checked="" type="checkbox"/> 15th Century | <input type="checkbox"/> 17th Century | <input checked="" type="checkbox"/> 19th Century |  |

SPECIFIC DATE(S) (If Applicable and Known) 1888

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- |   |   |   |  |
|---|---|---|--|
| <input type="checkbox"/> Aboriginal             | <input checked="" type="checkbox"/> Education | <input type="checkbox"/> Political          | <input type="checkbox"/> Urban Planning  |
| <input type="checkbox"/> Prehistoric            | <input type="checkbox"/> Engineering          | <input type="checkbox"/> Religion/Phi-      | <input type="checkbox"/> Other (Specify) |
| <input type="checkbox"/> Historic               | <input type="checkbox"/> Industry             | losophy                                     | X <u>Medicine</u>                        |
| <input checked="" type="checkbox"/> Agriculture | <input type="checkbox"/> Invention            | <input checked="" type="checkbox"/> Science | _____                                    |
| <input type="checkbox"/> Architecture           | <input type="checkbox"/> Landscape            | <input type="checkbox"/> Sculpture          | _____                                    |
| <input type="checkbox"/> Art                    | Architecture                                  | <input type="checkbox"/> Social/Human-      | _____                                    |
| <input type="checkbox"/> Commerce               | <input type="checkbox"/> Literature           | itarian                                     | _____                                    |
| <input type="checkbox"/> Communications         | <input type="checkbox"/> Military             | <input type="checkbox"/> Theater            | _____                                    |
| <input type="checkbox"/> Conservation           | <input type="checkbox"/> Music                | <input type="checkbox"/> Transportation     | _____                                    |

STATEMENT OF SIGNIFICANCE

Established in 1888 and located on the campus of the University of Missouri, Sanborn Field has for almost three quarters of a century made significant investigations with different soil treatments and cropping systems. It is the oldest completely organized soil and crop experimental field in the United States. One of the major contributions to agriculture as a result of these experiments was the knowledge that high yields of quality grain may be produced when the land is properly treated with chemical fertilizer or manure. Plots having received these treatments for 75 years are still producing some of the highest yields on the field.

The antibiotic, aureomycin was developed from experiments involving timothy grass grown on the plot.

The Soil Erosion Plots are part of the land bought by private subscription in the 1870's and deeded to the state for the "purposes of agricultural research and teaching."

SEE INSTRUCTIONS

9. MAJOR BIBLIOGRAPHICAL REFERENCES.

Smith, G. E., Sanborn Field: Fifty Years of Field Experiments with Crop Rotations, Manure and Fertilizers, Bulletin 458, University of Missouri, College of Agriculture, (Columbia, 1942).

10. GEOGRAPHICAL DATA

| LATITUDE AND LONGITUDE COORDINATES<br>DEFINING A RECTANGLE LOCATING THE PROPERTY |          |         | O<br>R    |         | LATITUDE AND LONGITUDE COORDINATES<br>DEFINING THE CENTER POINT OF A PROPERTY<br>OF LESS THAN TEN ACRES |         |           |         |         |    |    |   |    |       |
|--|----------|---------|-----------|---------|---|---------|-----------|---------|---------|----|----|---|----|-------|
| CORNER   | LATITUDE |         | LONGITUDE |         | LATITUDE  |         | LONGITUDE |         |         |    |    |   |    |       |
|  | Degrees  | Minutes | Seconds   | Degrees | Minutes   | Seconds | Degrees   | Minutes | Seconds |    |    |   |    |       |
| NW   | 0        |         |           | 0       |   |         | 38        | 0       | 56      | 33 | 92 | 0 | 19 | 13.50 |
| NE   | 0        |         |           | 0       |   |         |           |         |         |    |    |   |    |       |
| SE   | 0        |         |           | 0       |   |         |           |         |         |    |    |   |    |       |
| SW   | 0        |         |           | 0       |   |         |           |         |         |    |    |   |    |       |

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: 7

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

| STATE: | CODE | COUNTY | CODE |
|--------|------|--------|------|
|        |      |        |      |
|        |      |        |      |
|        |      |        |      |
|        |      |        |      |

11. FORM PREPARED BY

NAME AND TITLE:

Donald F. Dosch, Landmark Program Specialist

ORGANIZATION

National Park Service, MWRO

DATE:

January 24, 1974

STREET AND NUMBER:

1709 Jackson Street

CITY OR TOWN:

Omaha

STATE

Nebraska

68102

CODE  
31

12. STATE LIAISON OFFICER CERTIFICATION

NATIONAL REGISTER VERIFICATION

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National  State  Local

Name (Sgd.) J. Leonard

Title

Director, Midwest Region  
National Park Service

Date FEB 7 1974

I hereby certify that this property is included in the National Register.

Director, Office of Archeology and Historic Preservation

Date

ATTEST:

Keeper of The National Register

Date

SEE INSTRUCTIONS

NATIONAL REGISTER OF HISTORIC PLACES

PROPERTY MAP FORM

(Type all entries - attach to or enclose with map)

|                  |      |
|------------------|------|
| COUNTY<br>Boone  |      |
| FOR NPS USE ONLY |      |
| ENTRY NUMBER     | DATE |
|                  |      |

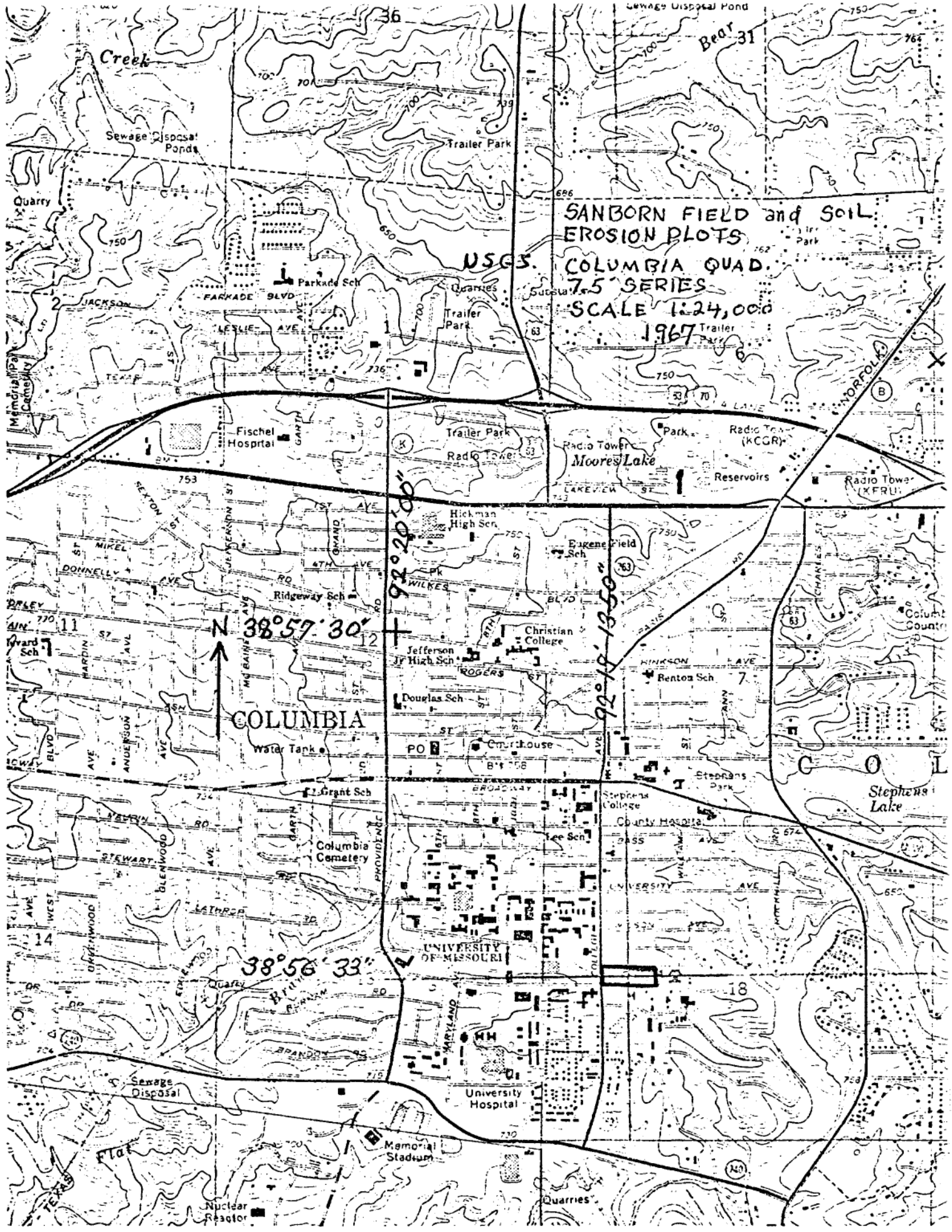
SEE INSTRUCTIONS

|  |      |         |      |
|--|------|---------|------|
| <b>1. NAME</b>                               |      |         |      |
| COMMON: Sanborn Field and Soil Erosion plots |      |         |      |
| AND/OR HISTORIC:                             |      |         |      |
| <b>2. LOCATION</b>                           |      |         |      |
| STREET AND NUMBER:                           |      |         |      |
| University of Missouri Campus                |      |         |      |
| CITY OR TOWN:                                |      |         |      |
| Columbia                                     |      |         |      |
| STATE:                                       | CODE | COUNTY: | CODE |
| Missouri                                     | 29   | Boone   | 019  |
| <b>3. MAP REFERENCE</b>                      |      |         |      |
| SOURCE:                                      |      |         |      |
| USGS 7.5' Series, Columbia, Mo. Quad.        |      |         |      |
| SCALE:                                       |      |         |      |
| 1:24,000                                     |      |         |      |
| DATE:  |      |         |      |
| 1967   |      |         |      |
| <b>4. REQUIREMENTS</b>                       |      |         |      |
| TO BE INCLUDED ON ALL MAPS                   |      |         |      |
| 1. Property boundaries where required.       |      |         |      |
| 2. North arrow.                              |      |         |      |
| 3. Latitude and longitude reference.         |      |         |      |

Boundary Description for

Sanborn Field and Erosion Plots

The field is bounded on the west by College Avenue, on the north by Bouchelle Avenue, on the south by Rollins Street, and on the east by a line fronting Connaway Hall.



SANBORN FIELD and SOIL  
EROSION PLOTS  
USGS. COLUMBIA QUAD.  
7.5 SERIES  
SCALE 1:24,000  
1967

COLUMBIA

UNIVERSITY OF MISSOURI

STEPHENS LAKE

38°56'33"

92°20'00"

92°19'13.50"

38°57'30"



Creek

Sewage Disposal Ponds

Trailer Park

Sewage Disposal Pond

Beat 31

USGS

COLUMBIA QUAD.

7.5 SERIES

SCALE 1:24,000

1967

Water Tank

University Hospital

Memorial Stadium

Nuclear Reactor

Moore's Lake

Reservoirs

Hickman High Sch.

Eugene Field Sch.

Ridgeway Sch.

Jefferson Jr High Sch.

Douglas Sch.

Benton Sch.

Stephens College

County Hospital

Columbia Cemetery

University of Missouri

University Hospital

Memorial Stadium

Nuclear Reactor

Moore's Lake

Reservoirs

Hickman High Sch.

Eugene Field Sch.

Ridgeway Sch.

Jefferson Jr High Sch.

Douglas Sch.

Benton Sch.

Stephens College

County Hospital

Columbia Cemetery

University of Missouri

University Hospital

Memorial Stadium

Nuclear Reactor

Established in 1888 and located on the campus of the University of Missouri, Sanborn Field has for almost three-fourths of a century made a significant investigation with different soil treatments and cropping systems. It is the oldest completely organized soils and crop experimental field in the United States. Sanborn Field approaches in agricultural importance, the famous Rothamsted Experimental Field near London, England, which has been under carefully planned experiments since the 1840's.

SANBORN FIELD AND SOIL EROSION PLOTS

#120

COUNTY:

Boone

LOCATION:

University of Missouri campus, Columbia, Mo.

OWNER:

University of Missouri  
Columbia, Missouri 65201

ADDRESS:

DATE PLACED ON NATIONAL REGISTER:

10-15-66

DATE CERTIFICATE AWARDED  
(AND PRESENTOR):

DATE FILE REVIEWED:

NATIONAL HISTORIC LANDMARK

DATE OF ELIGIBILITY:

DATE OF PRESENTATION OF PLAQUE:

DATE OF ENTRY:

06-10-65

07-19-64