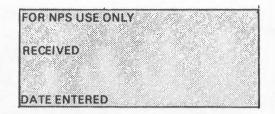


> UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES PROPERTY PHOTOGRAPH FORM



SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS TYPE ALL ENTRIES -- ENCLOSE WITH PHOTOGRAPH

NAME HISTORIC Sanborn Fields and Soil Erosion Plots AND/OR COMMON Sanborn Fields and Soil Erosion Plots LOCATION CITY TOWN _VICINITY OF COUNTY STATE Missouri Boone Columbia **PHOTO REFERENCE** Stephen Lissendrello January 1975 PHOTO CREDIT DATE OF PHOTO Historic Sites Survey, 1100 L Street NW. NEGATIVE FILED AT Washington, D.C. 20240 **IDENTIFICATION**

DESCRIBE VIEW, DIRECTION, ETC. IF DISTRICT, GIVE BUILDING NAME & STREET

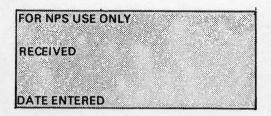
PHOTO NO.

Facing west along northern plots, Sanborn Fields (southern plots across open grass to right). Bouchelle Street to left, Veterinary Science Building in background.



> UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES PROPERTY PHOTOGRAPH FORM



SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS TYPE ALL ENTRIES -- IENCLOSE WITH PHOTOGRAPH

VICINITY OF

1 NAME

HISTORIC

Sanborn Fields and Soil Erosion Plots

AND/OR COMMON

Sanborn Fields and Soil Erosion Plots

2 LOCATION

CITY, TOWN Columbia

PHOTO REFERENCE

PHOTO CREDIT Stephen Lissendrello

DATE OF PHOTO January 1975

COUNTY

Boone

NEGATIVE FILED AT Historic Sites Survey, 1100 L Street NW. Washington, D.C. 20240

IDENTIFICATION

DESCRIBE VIEW, DIRECTION, ETC. IF DISTRICT, GIVE BUILDING NAME & STREET

PHOTO NO.

STATE

Missouri

Facing east along northern plots, Sanborn Fields to College Avenue and Bouchelle Street.

INT: 2983-75

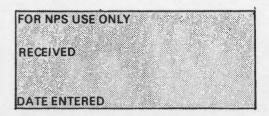


SITE OF FIRST PLOTS IN THE UNITED STATES FOR MEASURING RUNOFF & EROSION AS INFLUENCED BY DIFFERENT CROPS

FROM CROPPED LAND THE STUDY WAS STARTED IN 1917. THE FIRST RESULTS WERE PUBLISHED IN 1923. THEY PROVIDED THE FOUNDATION FOR THE SOIL CONSERVATION MOVEMENT. THE DESIGN OF THE EXPERIMENT SERVED AS THE PROTOTYPE FOR FUTURE EXPERIMENT SERVED BY THE U.S.O.A. THROUGHOUT THE UNITED STATES. THE INVESTIGATIONS WERE INITIATED BY M.F. MILLER AND F.L. DULEY IN THEIR SEARCH FOR THE CAUSES OF DECLINING SOIL PRODUCTIVITY. THE ORIGINAL PLOTS ARE BEING USED NOW TO INVESTI-GATE THE RENOVATION OF ERODED SOIL THROUGH THE USE OF LEGUMES. GRASS AND CORN WITH TREAT-MENTS TO SUPPLY THE NUTRIENTS THAT WERE LOST THROUGH EROSION.

> UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES PROPERTY PHOTOGRAPH FORM



SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS TYPE ALL ENTRIES -- ENCLOSE WITH PHOTOGRAPH

1 NAME

HISTORIC

Sanborn Field and Soil Erosion Plots

AND/OR COMMON Sanborn Field and Soil Erosion Plots

2 LOCATION

CITY, TOWN	
Columbia	

____VICINITY OF

COUNTY Boone STATE Missouri

PHOTO REFERENCE

PHOTO CREDIT Stephen Lissendrello

DATE OF PHOTO January 1975

NEGATIVE FILED AT Historic Sites Survey, 1100 L Street NW. Washington, D.C. 20240

IDENTIFICATION

DESCRIBE VIEW, DIRECTION, ETC. IF DISTRICT, GIVE BUILDING NAME & STREET

PHOTO NO.

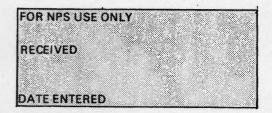
Facing west from Hitt Street to Soil Erosion Plots. Parking lot, McHaney Rehabilitation Center to rear.

INT: 2983-75



> UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES PROPERTY PHOTOGRAPH FORM



SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS TYPE ALL ENTRIES -- ENCLOSE WITH PHOTOGRAPH

NAME

HISTORIC Sanhown Field and

Sanborn Field and Soil Erosion Plots

AND/OR COMMON

Sanborn Field and Soil Erosion Plots

2 LOCATION

CITY. TOWN Columbia VICINITY OF

COUNTY

Boone

STATE Missouri

PHOTO REFERENCE

PHOTO CREDIT University of Missouri

DATE OF PHOTO (no date)

NEGATIVE FILED AT University of Missouri, Columbia, Missouri

IDENTIFICATION

DESCRIBE VIEW, DIRECTION, ETC. IF DISTRICT, GIVE BUILDING NAME & STREET

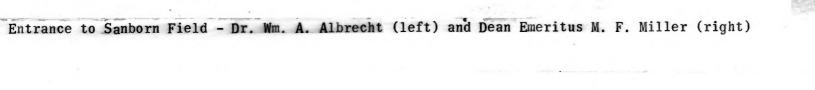
PHOTO NO.

Looking south to aerial view, Sanborn Field. Bouchelle below, Rollins above, Veterinary Science Building to left, College Avenue to right.

INT: 2983-75

SANBORN FIELD MISSOURI EXPERIMENT STATION

THIS EXPERIMENT FIELD WAS ESTABLISHED IN 1888 BY J. W. SANBORN. DIRECTOR "F THE MISSOURI EXPERIMENT STATION. THE EXPERIMENTS INCLUDE COMPARISONS OF VARIOUS CROPPING SYSTEMS AND OF DIFFERENT FERTILIZING MATERIALS. THIS IS ONE OF THE OLDEST EXPERIMENT FIELDS IN THE UNITED STATES AND IS OF SPECIAL SCIENTIFIC VALUE BECAUSE OF THE LONG PERIOD OF EXPERIMENTATION.



AUREOMYCIN ORIGINATED HERE



THE FUNGUS, STREPTOMYCES AUREOFACIENS, STRAIN A377, WAS ISOLATED BY DR. B. W. DUGGAR FROM A SOIL SAMPLE FROM THIS FIELD, PLOT 23, IN TIMOTHY CONTINUOUSLY WITHOUT SOIL TREATMENT SINCE 1888.

THE SAMPLE WAS ONE OF A DOZEN SENT TO THE LEDERLE LABORATORIES, PEARL RIVER, NEW YORK IN AUGUST 1945, BY WM. A. ALBRECHT. THE ISOLATION FROM PLOT 23 WAS MADE THE "TYPE" FOR THE ORIGINAL DESCRIPTION AND THE ANCESTRAL PARENT OF ALL IMPROVED STRAINS USED BY THE AMERICAN CYANAMID COMPANY IN PRODUCTION OF AUREOMYCIN, NOW IN WORLD-WIDE DISTRIBUTION.

THIS REFERENCE SOIL SAMPLE WAS PLACED IN THE SMITHSONIAN INSTITUTE, WASHINGTON D.C., WITH SPECIAL CEREMONIES ON THE TENTH ANNIVERSARY OF THE ANNOUNCEMENT OF THE DISCOVERY OF THIS COMPOUND, OCTOBER 15, 1958.

THIS PLAQUE WAS ERECTED JUNE 1959



