

**PRELIMINARY INVENTORY**  
**ACCESSION CA4076**  
**ZUBER, MARCUS S. (1912-1998), PAPERS**

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**Introduction**

Papers of a corn geneticist at the University of Missouri.

**Box List**

**Box 1**

1974 Virus Tolerance Ratings for Corn Strains Grown in the Lower Corn Belt  
Survey of plant introduction, maize selection for endosperm lysine control  
International Symposium on Protein Quality  
Publications, 1949-1976 (5 folders)  
Publications List  
Evaluation of Progress in Selection for Stalk Quality  
Hybrid—Row Spacing—Plant Populations Studies with Corn in Missouri  
Hilar Layer Color Inheritance  
Zein Body Paper  
“Synchronization of Flowering in Corn (*Zea mays* L.) by Decapitation of Young Plants”  
by Cloninger, Zuber, and Horrocks  
Effects of Harvest Date, Plant Density, and Hybrid on Corn (*Zea mays* L.) Grain Quality  
Aflatoxin Production in *Aspergillus flavus* Contaminated Ear of *Zea mays* Grown in  
Northern and Southern States  
Inheritance of High Lysine in Maize  
Protein quality studies with endosperm corn mutants  
Inheritance of Test-Weight Components in Normal, Opaque-2, and Flourey-2 Corn (*Zea mays* L.)  
Ear-Rotting Potential of *Helminthosporium maydis* Race T in Corn  
Prediction of Reactions to Maize Dwarf Mosaic Virus in Double-Cross Hybrids Based  
upon Single-Cross Reac.  
Registration of Maize Parental Lines  
Mutants of Corn

**Box 2**

Corn Leaf Blight Info  
Protein  
Lignin  
Amylose References  
Chemical Composition of Corn  
Newspaper Clippings of Research April, 1977  
Mentions in Newspapers and Other Publications  
Miscellaneous  
Concordia Club  
Beta Sigma Psi  
General (3 folders)

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Iota Chapter Income Statements  
Minutes, Dec. 1962- Nov. 1971 (3 folders)  
Fraternity Scholarship Statistics

**Box 3**

Amylose Determination, 1966-1968 Crop Years (3 folders)  
Amylose Field Nursery 1969  
Inbred Conversions—Study Kernel W+—Protein—Amylose  
Evaluation of High-Amylose Corn for Feeding  
Steam Cracked Corn  
Amylose (Lamb Feeding)  
Propped Amylose Breeding Project CIRF  
NC7 Project on High Amylose Corn 57-58  
1950 Proposed Amylose Project  
1967 Research Proposal (amylose)  
1959 Checks Statistical Analysis  
High Amylose Conf.—Purdue, 1958  
Zuber's Amylose Talk at 1962 North Corn Conf.  
Project Proposal and Description of Objectives for Research on Corn Rootworms, Zuber  
& Fairchild  
Stalk Pulling Data—Root Stressometer vs. Pulling, 1963  
Corn Identifications, 1969  
Incomplete File, 1967  
1957 Nursery Data  
SI 121 (Summary of numerous ear and plant characteristics of inbred lines) (1957  
Nursery)  
73-74 Data Exp. Pipe Test  
1974 Yield Tests  
74-36 Prelim. Report, Manuscript, Data  
Kernel Breakage Data, 1974  
1974—11&12 Data  
SI 128 Bradford Yield Test & Stalk Quality  
Lysine—Test Weight Experiment  
E-2 Field  
1970 Corn Endosperm Exp. II  
Mystery Data  
1966 Amylose Determination Letters of Transmittal  
1967 Letters of Transmittal  
Amylose Correspondence, 1963  
Water Displacement on 1964 Date of Planting  
1964 Stalk Quality Studies Southern Corn Conf. Exp. 25  
Root Worm General Information  
Double Crosses Sent to Sellers for Yield Trials in 1966  
Sugar Studies—Various Endosperm Mutants  
Composition of Corn Fractions  
Study of Gene Frequency in Open-pollinated Corn

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Host Plant Resistance Project 1965  
Earworm Research Proposal ARS 1965-66  
Corn Earworm General Info