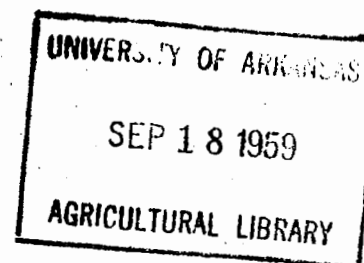


SOUTHERN WEED CONFERENCE
DELTA BRANCH EXPERIMENT STATION
Stoneville, Mississippi

June 10, 1948



With Dr. Ralph W. Cummings, Associate Director of North Carolina State College of Agriculture and Engineering, Raleigh, North Carolina in charge, the Weed Control Conference was officially opened.

Dr. Charles R. Sayre, Superintendent of the Delta Branch Experiment Station, gave a few welcome remarks:

"We are pleased that the first meeting of Weed Control research workers in the South is being held here in Mississippi and at the Delta Branch Experiment Station. I shall take about two minutes to appraise our weed control problems in the Delta.

In our small grains, we have serious infestation of curly dock, cheat, and darnell. They are, in many instances, driving many small grains actually off of many acres of land in the alluvial areas of Mississippi, Arkansas and Louisiana. In our row crops, the main focal point of this meeting, it is worthwhile to review our proving grounds last year with cotton. We attempted to fully mechanize three or four field-sized cuts, keeping accurate time, cost, and performance records of each operation. We had 39 man hours of labor used on those tests, 32 of that 39 man hours were hoe labor for weed control. That will give you some idea of just how important weed control is to farmers in this area. Again, we are most happy to have you here. I want to see you get off to a quick start so I will not take more of your time."

Dr. Cummings: "Thank you, Dr. Sayre. We will proceed with the program as outlined and as I have not contacted every one who is on the program since they arrived, I hope every one is here that is on the program. The first paper scheduled is on "The Effect of 2,4-D on Cotton Plants" to be given by Dr. E. C. Tullis of Beaumont, Texas. Dr. Tullis."

THE EFFECT OF 2,4-D ON COTTON PLANTS
E. C. Tullis, Beaumont, Texas

The reaction of some species of hibiscus and cotton to 2,4-D, in my experience, has been very different from that of other plants with which I have had occasion to work. I have been working on rice for a good many years. Because of the extreme interest in the control of rice field weeds, which are numerous and difficult to control. 2,4-D appears to be one of our best tools that we can use in cleaning up weeds and also to help increase our rice production.

Cotton is much more sensitive than the average broadleaf plant to 2,4-D, and it is also much harder to kill. Because of the fact that the rice and the cotton are grown almost interplanted in many sections along the Gulf Coast, the problem of injury to the cotton is very important. Furthermore, the cotton plants are more sensitive to injury and much harder to kill than other plants in which symptoms are easily produced. For example, the usual dosage for rice field weeds will not exceed 1-1½ pounds acid 2,4-D per acre but known dosages

P. C. Saudal

PROGRAM FOR SOUTHERN WEED CONFERENCE
Delta Branch Experiment Station, Stoneville, Mississippi
June 10, 1948

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Charles R. Sayre, Superintendent of the Delta Station

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MINUTES OF BUSINESS MEETING OF SOUTHERN WEED CONTROL CONFERENCE

DELTA BRANCH EXPERIMENT STATION, STONEVILLE, MISSISSIPPI

JUNE 10, 1948

Meeting opened by Dr. Ralph W. Cummings. Dr. Cummings is Administrative Adviser on Weeds for the Directors of the Southern Experiment Stations.

Skold (Tenn.) moved that a President, Vice-president and Secretary-treasurer be elected by the group to constitute the Executive Council of the organization. After the first year the Past-President will be added as a fourth member of the Executive Council.

Rea (Texas) seconded motion.

Motion passed.

Nominated for President:

Clair A. Brown

O. A. Leonard

Clair A. Brown elected President

Nominated for Vice-president:

O. A. Leonard

V. A. Young

G. C. Klingman

O. A. Leonard elected Vice-president

Nominated for Secretary-treasurer:

G. C. Klingman

Nominations closed. Unanimous ballot cast.

Rea (Texas) moved that five advisory members be elected at large in addition to the three officers plus the past-president.

Motion seconded.

Discussion

Motion lost

Shear (Virginia) moved that the Board of Directors consist of one member from each Experiment Station plus one member from the U. S. Department of Agriculture.

Skold (Tenn.) amended the motion to increase the one U. S. D. A. member to three U. S. D. A. members.

Discussion

Amendment withdrawn by Skold

Motion withdrawn by Shear.

Rea (Texas) moved that President, Vice-president and Secretary-treasurer appoint a committee on Constitution and By-Laws.

Seconded by Wooten (Miss.)

Motion carried.

Discussion as to whether Weed Control Conference should meet with or separate from Southern Agricultural Workers meetings.

18 voted for having separate meeting.

2 voted for meeting with Southern Agricultural Workers.

V. A. Young (Texas) moved that time and place of meeting be determined by the Executive Committee.

Seconded by Sell (Ga.)

Motion carried (later nullified by appointment of a committee on time, place, and arrangements for meeting).