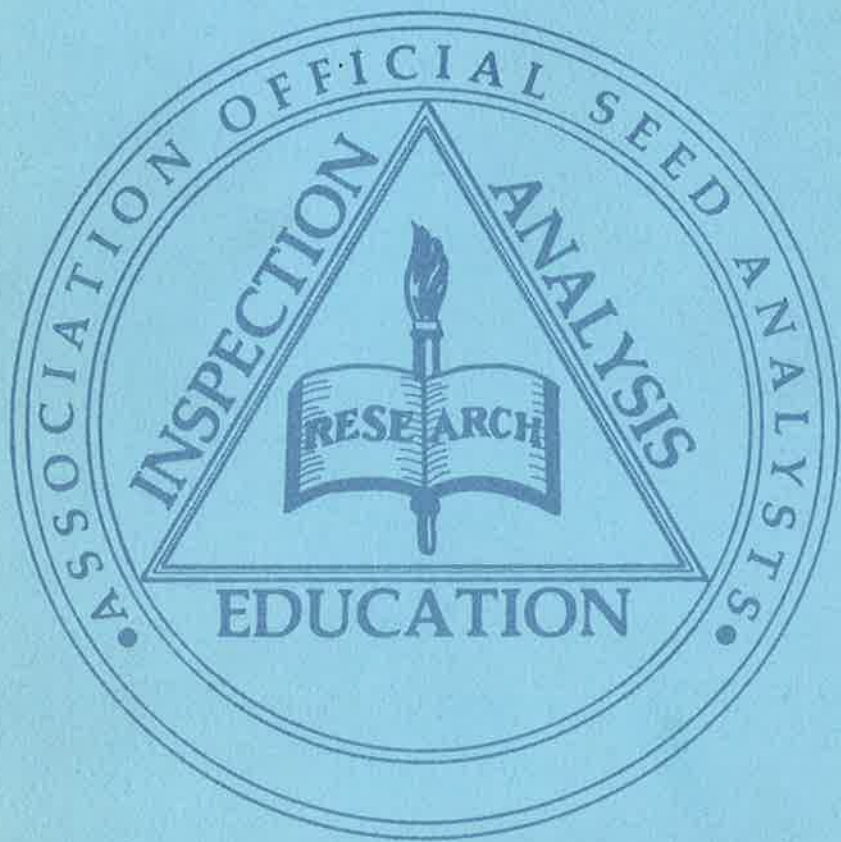


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Accreditation of Labs

	G. E. Spain, Chairperson	
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D. Lambert		T. W. Still

Index

D. F. Grabe, Chairperson

Workload

R. H. Hofmann, Chairperson

**MINUTES OF THE ASSOCIATION OF OFFICIAL SEED
ANALYSTS MEETING**

Annual Meeting

EXECUTIVE BOARD MEETING

Board Members Present

A. L. Larsen	L. E. Everson
C. C. Abbott	L. O. Copeland
C. C. Baskin	L. E. Wiesner
J. C. Delouche	R. K. Marx
J. Bloodgood	

Observers Present

D. Lambert	D. Svik
D. Baxter	L. Prentis
E. Belcher	D. McGee
R Danielson	L. N. Bass
A. B. Ednie	T. W. Still
M. Johnson	E. E. Hardin
K. Boatwright	J. Lair
B. Trenton	

President Larsen called the meeting to order at 10 A.M. Minutes of the Association meeting in Saskatoon were read and approved. President Larsen discussed the proposed agenda, made necessary changes, and made the following committee appointments:

President Larsen made the following appointments to committees:

Resolutions	Chairperson—E. Belcher R. Wilson W. Still A. Lunden
Auditing	Chairperson—A. B. Ednie D. Svik T. Turner

President Larsen made a brief report on his activities during the year, emphasizing work on a seed pathology committee and ryegrass fluorescence

committee. He discussed the length of term of the president and expressed his opinion that the term should be longer than one year; he suggested possibly three years to coincide with the term of ISTA president. Delouche agreed that a longer term was needed and suggested possibly two years. The need of an executive board meeting at mid-year was discussed.

Dr. Larsen stated that a history of the Iowa State College Seed Laboratory from 1931 to 1946 had been published and would be distributed to member laboratories.

Reports of standing and special committees were presented, reviewed and approved for presentation at the Association Meeting on May 22. Suggested changes were made in some committee recommendations.

The following motions were passed regarding budget changes:

1. That funds be allocated to support the AOSA hospitality suite.
2. That \$200 be allotted for book displays at appropriate professional society meetings, particularly American Society of Agronomy and American Pathological Society. Chairperson of the editorial committee is to investigate possible exhibits at the meetings of the American Horticultural Society and Weed Science Society of America, and possibly others.
3. That the amount budgeted for office supplies and secretarial assistance be increased by \$750 to allow the secretary-treasurer to have more assistance with routine clerical work.

The board accepted Dr. John Ferguson, C. I. A. T. of Cali Columbia, S. A.; Mark Jacques, Ky. Ext. Seed Specialist; and Jean Volk, Ohio Seed Improvement Association for associate membership, and Vera L. Colbry, Clyde Edwards and Elizabeth Wiseman for honorary membership.

Action on recommendations of the constitution committee were to add to item 3, article III, a specific statement excluding Crop Improvement Association Laboratories, except as stated in by-law under membership; to change wording in item 4 from "affiliate staff" to "affiliate member".

A delegation composed of Richard Sayers, ASTA; Robert Thedinger, Pres. ASTA and Art Armburst, Seed Producer discussed the situation created by rules changes in methods of determining purity in chaffy range grasses. The motion passed to recommend to the association that little blue stem and side oats gramma be excluded from section 2.7g (1) in the AOSA Rules for Testing Seed as published in Volume 3, No. 3, of the Journal of Seed Technology for a period not to exceed the date of the close of the business meeting at the 1982 AOSA convention, after which this exclusion will expire unless sufficient evidence is provided to the AOSA rules Com-

mittee to justify a permanent change in the testing of these species; and that the effective date of this action shall be July 1, 1980.

The motion passed that the range grass subcommittee establish a joint work group with ASTA to review the matter of tolerances for "super-chaffy" grasses.

Recommendations for changes in the function of the Public Service Committee in relation to the Science Education and Teaching and Training Liaison Committees were referred to the Constitution Committee for study.

The tentative rule for procedures for testing coated seed was accepted.

The formation of a committee to establish moisture testing standards was recommended.

Report of the Ad Hoc Committee on Secretary-Treasurer work load was accepted, but no action was taken on recommendations per request of the present Secretary-Treasurer.

Establishment of a Health Protection Committee was discussed. The suggestion was made that the Science-Education Committee consider preparation of materials on safety, pesticide toxicity, etc.

Seed tests not approved by AOSA were discussed. It was the opinion of the committee that there are many tests and testing methods used that are not official. Any action in this area should not be the concern of this association.

The suggestion was made that the Cultivar Identification Committee begin to assemble procedures for a possible handbook.

The participation of Dr. Roy Creech, Head of the Agronomy Department, Miss. State University and Special Consultant to USDA to review the Federal Seed Act was discussed.

L. O. Copeland consented to remain as chairman of the Editorial Committee.

Leroy Everson was asked to check with Iowa State University about archive items of AOSA, and to determine what is needed to bring this area up to date.

The Liaison Committee report precipitated discussion of issuing phytosanitary certificates. The motion passed for the AOSA to offer its services in examination of samples to the Plant Industry Committee of NASDA.

Discussion of instructions to AOSA's representative to ISTA promoted discussion of issuing International (orange) certificates for purity and germination. Dwight Lambert read a letter from T. H. Porter, USDA, concerning policy in this matter.

Dennis McGee, Iowa State University, discussed liaison between the Seed Pathology Committee of the American Phytopathological Society and AOSA. The need for seed health testing in North America was discussed. The formation of a Seed Health Testing Committee to maintain liaison with APS was recommended.

L. Everson discussed an offer from Freda Wertman to AOSA to use slides she has produced over the years. Everson, Hardin and Ednie were asked to represent AOSA in meetings with Freda and SCST representatives about the use of the slides.

C. C. Baskin, *Secretary-Treasurer*

ASSOCIATION MEETING

President Larsen called the meeting to order at 1:40 P.M. and appointed Gurnia Moore parliamentarian. C. C. Abbott read the report of the Executive Board meeting and moved the acceptance of the report, second by Louis Bass, motion passed.

C. C. Baskin gave the secretary and treasurer's report. A. B. Ednie gave the audit committee report that the Association's finances were in order, the report was accepted. The roll was called.

The following Standing Committee reports were accepted: Editorial, Legislative, Bibliography, Science Education, Liaison, Public Service, Referee and Research.

Membership—Vera L. Colbry, Clyde Edwards and Elizabeth Wiseman were accepted as honorary members; Dr. John E. Ferguson, Jean M. Volk and Mark Jacques were accepted as associate members.

Rules—The following changes were accepted: To include Kimpac as a germination media for testing corn and soybeans and to remove the "4-times" rule from the description of normal tree and shrub seedlings. These changes will become effective October 1, 1980. The following motion concerning range grasses passed: that little blue stem and slide oats gramma be excluded from section 2.7g (1) in the AOSA Rules For Testing Seed as published in Vol. 3, No. 3, of the Journal of Seed Technology for a period not to exceed the date of the close of the business meeting at the 1982 AOSA convention, after which this exclusion will expire unless sufficient evidence is provided to the AOSA Rules Committee to justify a permanent change in the testing of these species; and that the effective date of this action shall be July 1, 1980.

Reports of the following special committees were accepted: Budget, C.A.S.T., Necrology, Meeting Place, SSB Advisory, Program, Nomenclature, Teaching and Training, Symposium, Administrative Procedures, Ryegrass Fluorescence, Secretary work load, Resolutions. Nominations: Loren Wiesner was nominated for Vice President, A. B. Ednie and Kenneth Boatwright for the Executive Committee. Merit Award: Dr. James C. Delouche received the merit award.

The Constitution Committee report was accepted by a unanimous vote, and the following motions were made in relation to that report: Belcher moved, Wiesner seconded, to change the wording "affiliate staff" to "affiliate member", motion passed unanimously. Wiesner moved, seconded by Fenderson, that seed certification laboratories cannot become member laboratories, except for those already accepted into the membership, in accordance with by law II, No. 1. After considerable discussion Wiesner moved, seconded by Hall, to table the motion. Motion to table failed, 12 for, 21 against; vote on the motion was 27 for, 2 against, motion passed. Belcher

moved, seconded by Ednie, to accept the report of the committee as amended.

Bass moved, seconded by Hall, to amend Belcher's motion to change item 5, article III, so that associate members could serve as president and vice president. The amendment failed. Bass moved, seconded by Hall, to table the entire recommendations of the Constitution Committee; motion failed. Vote on the motion to accept the report as amended was 27 for, 2 against; motion passed.

The Accreditation of Laboratories Committee report was made and accepted.

Spain moved, seconded by Bass, that the examination for analysts begin in 1981. There was considerable discussion. Boatwright read a statement concerning accreditation as follows:

"Let it be clearly understood that no seed laboratories are against the upgrading of their staff. The establishment of a uniform standard for analysts is an idealistic goal which the association should seek to achieve. There are, however, many considerations to be seriously looked at before implementation. The principle of top quality analysts meeting certain minimum standards is one which no one can argue successfully against—however, our concerns are as follows:

1. Many analysts presently doing the bulk of the work in many official labs are highly experienced, very competent personnel with no desire to study for a test in an area of which they have no concern. If forced to take an exam to maintain official status a significant member may retire. This loss of experienced personnel cannot be replaced by university graduates with little actual experience in seed analysis.
2. Most state laboratories are staffed by analysts that are specialists in either purity or germination.
3. As the state hiring policies are administered by personnel departments within the state agencies, we feel it would be necessary and advantageous for the NASDA organization to review the ramifications of this proposal before consideration for implementation. These Departments of Agriculture may interpret the Accreditation Program as a means by which the AOSA is dictating hiring policies.
4. Due to travel restrictions, certain state laboratories could be subjected to undue criticism by members of the American Seed Trade Association when laboratory testing, due to normal variance, differs with other state and consulting laboratories that have been accredited under rules proposed for accreditation.
5. The proposed timing of the regional tests are in total conflict with the

testing work loads of most laboratories, due to the heaviest work loads being during the spring months.

In conclusion we propose that the committee for formulation of this accreditation exam reconsider the primary objective of this very extensive work. What they have achieved thus far is no doubt an invaluable starting tool, but the entire matter needs further study and evaluation prior to implementation.

We propose that the entire matter be resubmitted for further study by an expanded accreditation committee.

These views represent the feelings of the following laboratories:

K. Boatwright
T. L. Turner
T. Umstattd
S. Dobbins
C. M. Webster
H. W. Behnke
R. Marx

D. Svik
J. Lair
L. Prentice
C. Eiben
C. Sciple
W. Still
M. Meadows

After considerable discussion the motion failed. Everson moved, Bass seconded, that the examination begin in 1982; motion failed. Hardin moved, Bass seconded, that accreditation study be discontinued; motion failed.

Meeting adjourned at 5:45 P.M.

C. C. Baskin, *Secretary-Treasurer*

SECRETARY'S REPORT

Maintenance of mailing list, distribution of publications and mailing invoices continue to consume most of the time of the secretary. Three issues of the Newsletter and one issue of the Journal were distributed. A total of 576 invoices were mailed. Keeping records in order with subscription agencies and foreign orders comprise a major task. Efforts have been made to get subscriptions explained and on a regular basis. Subscription renewals continue to come in from agencies and from overseas throughout much of the year. This makes record keeping difficult. Subscriptions are cancelled then renewed, often one or two issues late. The Journal editor and secretary are considering a statement to be placed in the Journal explaining subscriptions and methods of publication. Publishing the Journal one year behind is sometimes confusing. A similar statement might be helpful in the Newsletter.

Explaining Vol. 3, No. 3 of the Journal is still necessary. Having the "Rules" as an issue of the Journal has caused a great deal of confusion.

The Tetrazolium Handbook was reprinted. The cost of the TZ Handbook doubled from \$3.00 to \$6.00.

A considerable amount of time was devoted to collection of overdue invoices. This met with some degree of success. Some invoices as far back as 1976 were paid. Approximately \$300.00 in unpaid invoices were taken off the books. An attempt at collection will be made again soon.

The Association needs some type of brochure about careers in seeds. Some 12 to 15 requests were received during the year. There is nothing to send in reply to such requests.

My wife has been a most valuable asset. She has typed all of the invoices, many of the letters to overdue accounts and without her help the Association would never have had a balanced financial report. My secretary, Miss Jennings, has also typed many letters for the Association.

Dwight Lambert and Earl Belcher have been a great help. Dwight stores and distributes the older publications. Earl has distributed Handbook 31. This will be moved to my office after the convention.

Wendell Ditmer and Larry Copeland continue to capably handle the distribution of the Newsletter and the Journal.

Some things have gone undone because of the lack of time. Hopefully, after one year's experience the work can be done with less difficulty.

C. C. Baskin, *Secretary-Treasurer*

TREASURER'S REPORT*Cash on Hand, June 1, 1979:*

Savings Account	\$ 4,650.06	
Checking Account	996.94	
Total Cash on Hand		\$ 5,647.00

Receipts:

Dues, Active	\$ 4,150.00	
Dues, Associate	420.00	
Total Dues		4,570.00
Interest		121.78
Publications:		
Handbooks	897.75	
Newsletter	2,152.75	
Journal	7,582.00	
Rules	2,200.07	
Total Publications		12,832.57
Miscellaneous:		
1979 Meeting	1,552.19	
Postage	4.50	
Total Miscellaneous		1,556.69
Total Receipts		<u>19,081.04</u>
TOTAL FUNDS AVAILABLE		\$24,728.04

Disbursements:

Publications:		
Journal (Vol. 3-2)	2,510.55	
Newsletter: (Vol. 54-1) \$989.00		
(Vol. 53-3) 898.75		
Typing	144.00	
Postage	990.00	
Envelopes	275.00	
Total Newsletter	<u>3,296.75</u>	
Total Publications		5,807.30
Office Supplies		315.61
Secretary		216.15
Postage		514.76
Miscellaneous:		
ISTA	900.00	
Bond	25.00	

CAST Dues	168.00		
Book Exhibit ASA	37.50		
Transfer of Records	126.83		
Bad Checks	8.00		
Memorial Fund (D. Syme)	50.00		
Dues Refund	15.00		
NASDA	100.00		
Publication Refund	<u>14.00</u>		
Total Miscellaneous		<u>1,444.33</u>	
TOTAL DISBURSEMENTS		\$ <u>8,298.15</u>	
		<u>- 197.14*</u>	<u>8,101.01</u>
TOTAL CASH ON HAND, April 30, 1980			<u><u>\$16,627.03**</u></u>

* Expenses (\$197.14) paid by Abbott before transfer of account.

** Savings Account Balance, \$ 4,771.84
 Checking Account Balance, 11,855.19

C. C. Baskin, *Secretary-Treasurer*

RESOLUTIONS COMMITTEE

1. **WHEREAS:** there is insufficient time to learn the role of the **President** and make the maximum contribution to the needs of The Association of Official Seed Analysts (AOSA) in one year, and

WHEREAS: the current President of AOSA emphasized the need for extending the term of office of President and Vice President, and

WHEREAS: previous Presidents of AOSA have expressed the need for a longer tenure of office in their Presidential addresses, and

WHEREAS: there has been an extensive amount of concern about this situation, and

WHEREAS: there has been no directive action from AOSA

BE IT RESOLVED: that the incoming President direct the Constitution Committee to examine the issue and draft a proposal for presentation to the Executive Board for consideration at their meeting held in conjunction with the 1981 annual AOSA meeting.

2. **WHEREAS:** Dr. Roy G. Creech has been retained as a consultant by the USDA to review the Federal Seed Act (FSA) Program, and

WHEREAS: his attendance at the 70th annual meeting of the Association of Official Seed Analysts (AOSA) and participation in Executive Board and general session meeting provided an opportunity for the AOSA Executive Board and membership to review problems and concerns that have arisen in its relationships with the Federal Seed Act Program,

BE IT RESOLVED: that AOSA present the following issues and concerns to Dr. Creech for consideration in formulating his report and recommendations to the Assistant Secretary of Agriculture relating to the Federal Seed Act Program.

AOSA Recommends —

1. The establishment of a permanent Federal Seed Act (FSA) Review Board constituted of representatives of the various interested organizations including AOSA, to advise the Secretary of Agriculture and Administrators of the FSA on administration, implementation and enforcement of the FSA.
2. The complete administrative and budgetary separation of the Seed Standardization Branch from the Seed Enforcement Branch. In addition, AOSA has the view that a physical separation of the two activities (branches) would be desirable.
3. The reaffirmation in the strongest terms of its previous resolutions

directed to the Secretary of Agriculture and Administration of the FSA relating to the crucial importance of re-establishing the policy permitting attendance of the officers-in-charge of the FSA field or regional offices along with the senior analysts and other personnel at AOSA meetings, and full participation of said officers-in-charge in the affairs and business of AOSA. In this way, the increasing polarization of AOSA and the Federal Seed Act Program can be halted and retrogressed, and full communications and cooperation re-established.

4. The authorization by the Secretary of Agriculture of actions and arrangements leading to the accreditation of competent state seed laboratories to issue ISTA certificates for selected kinds of seed for which there is a need for ISTA certificates to expedite and facilitate export marketing. It is further recommended that determination of the competency of state seed laboratories to issue ISTA certificates be vested in AOSA.
5. The full participation by AOSA in the formulation of the U.S. position on issues brought before the ISTA Executive Committee and membership, and in the official U.S. representation to ISTA congresses.
6. That the Secretary of Agriculture use his influence with USDA plant breeders and with the Directors of the State Agricultural Experiment Stations to utilize the special experience and expertise of seed analysts in describing seed and seedling characteristics of plant varieties.
7. That AOSA be used to validate and standardize techniques and special tests for identifying plant varieties by seed and seedling characteristics before they are routinely applied in the enforcement of seed laws.

E. Belcher, *Chairperson*

REPORTS OF STANDING COMMITTEES AND SUBCOMMITTEES

EDITORIAL COMMITTEE

Report of Committee Chairperson
and Editor of Journal of Seed Technology

Two issues of the *Journal of Seed Technology* were printed during the past year and distributed to the following:

	<u>No. Copies</u>
AOSA member laboratories	70
AOSA associate members	32
ISTA stations (other than U.S. and Canada)	125
AOSA officers, senior authors and abstracting series	23
U.S. subscriptions	94
Canada subscriptions	9
Foreign subscriptions	67
Duplicate copies (subscriptions)	7
Free journals	<u>28</u>
Total	455

Twenty-six manuscripts were submitted for publication in the *Journal of Seed Technology* during the past year. Seven of these were rejected for publication based on reviewers' recommendations. The remaining nineteen articles have been published, or are in varying stages of publication. Whenever possible an attempt is made to save manuscripts for publication by additional work or rewriting by authors.

Five AOSA publications were sent for display in the Book Exhibits at the American Society of Agronomy meetings in Fort Collins, Colorado in July, 1979.

L. O. Copeland, *Chairperson*

NEWSLETTER

At the 1979 meeting it was decided to limit the newsletter to three issues a year. The three issues printed since the meeting have averaged about 80 pages. The editor did hold several articles from the February issue to keep the number of pages below a pound weight. There is still some weight to work with. We have had responses from fifteen member laboratories, eight committees, fifteen technical or semi-technical articles and two bibliographies over the year.

Cost will probably go up some this coming year. Printing cost did rise some and postage went up.

Cost for printing and mailing the 1979-80 Newsletter.

	<i>Vol. 53</i>		<i>Vol. 54</i>	
	<i>No. 3</i>	<i>No. 1</i>	<i>No. 2</i>	<i>Total</i>
Printing	898.75	989.00	1,098.75	2,986.50
Typing	63.00	63.00	18.00	144.00
Envelopes	61.16	38.50	31.00	130.66
Postage	320.99	315.49	330.25	966.73
	<u>1343.90</u>	<u>1405.99</u>	<u>1478.00</u>	<u>4227.89</u>
Copies Mailed	547	549	564	
Pages	72	73	80	

Two copies of the CAST Newsletter was mailed with each issue. All three issues are on index cards.

W. P. Ditmer, *Editor*

BIBLIOGRAPHY SUBCOMMITTEE

Since my last report, I have listed a total of 594 papers that dealt with some phase of seed science. These papers were classified as follows:

<i>Category</i>	<i>Number</i>	<i>Percent</i>
Seed Physiology and Biochemistry	460	77
Seed Pathology	97	16
Identification of Cultivars and Species	16	3
Methods for Determination of Germination, Provenance, and Purity	<u>21</u>	<u>4</u>
	594	100

M. M. Kulik, *Bibliographer*

SCIENCE EDUCATION EDITOR

Following the 1979 Annual Meeting, the press of other duties made it impossible for the Science Education Editor to prepare for the seed trade publications the usual post-meeting news release. Hopefully, this will not happen again.

During the past year numerous letters were exchanged with prospective employees and employers. The number of openings for qualified seed technologists continues to exceed the number of available trained people.

L. N. Bass, *Editor*

LEGISLATIVE COMMITTEE

The entire A.O.S.A. Legislative Committee membership was in attendance at the American Seed Control Officials meeting held in Pittsburgh, PA on September 10-13, 1979. There was an open Legislative Committee meeting on September 11th for discussion of proposed amendments to the Recommended Uniform State Seed Law, (RUSSL) and also other topics old and new, but not for consideration by the A.A.S.C.O. Legislative Advisory Committee. One of the topics for discussion concerned labeling lawn seeds which would require certain coarse-bladed grass seed to be considered as noxious weed seed when not a part of a labeled mixture.

All the items for inclusion in RUSSL had previously been discussed by the A.O.S.A. Committee. There was a good open discussion and cooperation among the Advisory Committee representatives in finding an acceptable solution and wording for each item considered for RUSSL. All items after amending were recommended to A.A.S.C.O. for inclusion in RUSSL and A.A.S.C.O., in their business meeting, passed all items as amended.

There are still several seed testing procedures and marketing methods that challenge the Analyst to develop standards acceptable to the consumer and the Seed Trade. Some of these are: (1) Vigor testing and labeling; (2) Special packaging of Lawn and Vegetable Seed; for example bagged lawn mulch containing 1 to 3% Lawn Seed; (3) Seed Health, (seed-borne pathogens); (4) Quick testing methods and treatments—electronic, magnetic, and chemical. The new scientific advances open the door to . . . new scientific problems to cope with.

G. Fenderson, *Chairperson*

MEMBERSHIP COMMITTEE

The Membership Committee report for the year 1980-81 is as follows:

Nominations for Honorary Membership:

Vera L. Colbry
Clyde Edwards
Elizabeth Wiseman

Applications for Associate Membership:

John Elliot Ferguson

Jean M. Volk

Mark Jacques

The Committee recommends the acceptance of these nominations.

Article III—MEMBERSHIP

The Committee recommends a proposed change in the Constitution which is as follows:

1. There shall be four categories of membership: member laboratories, affiliate staff, associate members, and honorary members.
2. The membership shall be from continental North America and outlying states, provinces and possessions provided, however, that qualified persons from South America shall be eligible for associate membership.
3. *Member Laboratories*—Laboratories of government agencies and government institutions engaged in seed testing and/or seed research shall be eligible for member laboratory membership. Each member laboratory shall be entitled to one vote in the election of officers and other business of the association.
4. *Affiliate Staff*—Persons employed in technical and professional positions in member laboratories shall automatically be affiliate staff. A staff person shall be eligible for election to any office or appointment to any committee of the association. The vote of a member laboratory shall be cast by one of its staff persons.
5. *Associate Member*—Persons not attached to the staffs of member laboratories, but are engaged in seed analysis, seed research, teaching, extension, crop improvement agencies, and related activities in universities, government agencies or government institutions. Associate members shall be eligible for appointment to committees and committee chairpersonships and may enter motions in meetings of the association, but shall not be eligible for election as an officer or member of the executive board of the association, except for election as secretary-treasurer, or entitled to vote in association elections of other business of the association.
6. *Honorary Members*—Any person who has rendered signal service in one or more of the fields of activity of the Association mentioned in Article III, is eligible for Honorary Membership.

By-Law II—MEMBERSHIP

1. The application of laboratories for membership, and of individuals for associate membership in the Association, must be submitted to the Membership Committee. If approved, the names of applicants will be submitted to the Annual Meeting for election.
2. Honorary Members shall have all privileges of Associate Members except that of receiving complimentary copies of the Journal of Seed Technology. Any Associate Member or Affiliate Staff may nominate a person for Honorary Membership. Such nomination shall be submitted to the Membership Committee. If approved by the Executive Board, the name will be presented to the delegates at the Annual Meeting. They shall be declared elected upon a two-thirds majority vote.

R. K. Marx, *Chairman*

RESEARCH COMMITTEE

The research emphasis within AOSA is maintained through the involvement of many research sub-committees. A summary of the accomplishments of the active sub-committees for the past year follows (chairperson in parenthesis).

1. Coated Seed—(Doris Baxter)—Have completed work and submitted tentative Rules for Testing Coated Seed to AOSA Rules Committee. The committee is aware of the possible need for revision, in the future, especially for non-uniformly coated seeds.
2. Browse, Shrub and Forb—(Earl Belcher)—Accumulation of data has continued in five regional groups, and a pilot page for the handbook was submitted for review at the AOSA meeting.
3. Cultivar Purity—(Richard Payne)—Conducted a referee test of oat seed fluorescence and suggested that investigation of oat seed fluorescence be terminated. Plan to continue work in cultivar purity with other crop species.
4. Flower—(Louis Bass and Betty Atwater)—Conducted referee test of two aster cultivars and one delphinium cultivar. Research of purity and germination procedures for many flower species will continue.
5. Noxious Weed—(Stephen Hurst)—Continued to update analysts on state noxious weed seed lists as well as providing a source of noxious weed seed.
6. Range Grass—(Kenneth Boatwright)—Compared three methods (hand, modified and blowing-point) of purity evaluation for Blue Grama and

have recommended the blowing-point procedure to the AOSA Rules Committee.

7. Tree and Shrub—(Frank Bonner)—Have recommended to the Rules Committee that the “4-times” rule be dropped from the description of normal tree and shrub seedlings. A first draft on procedures for moisture testing has been written and circulated to the committee.
8. Vigor—(Miller McDonald)—The seed vigor definition has been approved and the referee testing program has been continued comparing several vigor tests for corn and soybean seed. The feasibility of using the conductivity test as the official vigor test for corn and soybean has been proposed. An educational sub-committee has been established to develop a Seed Vigor Test Bulletin with Kim Joo as chairperson.
9. Seed Counts—(Phillip Stanwood)—Continued evaluation and determination of seed weights of approximately 5,000 samples of many species. Will summarize and recommend action at annual meeting.
10. Hard and Red Fescue—(Barbara Hass)—This new committee developed procedures for a Red Fescue/Hard Fescue Ammonia Fluorescence Test and cooperated in a referee program using this test.

D. M. TeKrony, *Chairperson*

REFEREE COMMITTEE

RED FESCUE/HARD FESCUE AMMONIA FLUORESCENCE TEST: Region I, Chairperson Sharon Dobbins, pursued the ammonia fluorescence test on roots of red fescue and hard fescue seedlings. The objective was to determine whether uniformity of results can be attained using this test on mixtures containing both red fescue and hard fescue. This test appears to be a useful tool. With possible changes in methodology and continuing the project another year, uniformity of results can be attained.

SOYBEAN GERMINATION: Region II, Chairperson William Hunt. No samples were sent out this year. Have soybean referee tests during the last few years reduced test variation among laboratories? If not, what can be done to accomplish uniformity?

CROWN VETCH GERMINATION: Region III, Chairperson Ellen Chirco, pursued germination methods for crownvetch. The objective was to determine the uniformity of test results by two methods. Results indicate that there is a high degree of uniformity in test results by two methods.

TALL FESCUE GERMINATION: SOYBEAN GERMINATION ON CARRYOVER SEED: Region IV, Chairperson Kenneth Boatwright, pursued germination of two lots of tall fescue. It appears Lot No. 2 attained

uniformity easily. Was Lot No. 1 poor, weak seed, or does more methodology need to be worked out for dormancy in tall fescue? The objective of soybean germinations was to determine if uniformity among laboratories could be maintained for carryover seed. It appears seed laboratories are able to duplicate germinations of carryover seed, especially the higher germinating lots.

SOYBEAN GERMINATION: Region V, Chairperson Joseph Vines, was to pursue germination of a study sample and a referee sample of soybeans. This region joined with the S.C.S.T. for this project. It has been coordinated and summarized by Paul Johnson, S.C.S.T. member.

D. V. Baxter, *Chairperson*

RULES COMMITTEE

Three rule changes were reviewed and approved by the Committee. One was a proposal to include Kimpac as a germination media for testing soybeans and corn. A second proposal was to remove the "4-times" rule from the description of normal tree and shrub seedlings. Both rule changes were voted in and approved by the Association. They became effective October 1, 1980. The third proposal to adopt a blowing point for blue grama was withdrawn at the annual meeting.

The Rules Committee recommended to the AOSA Executive Board that tentative rules be adopted for testing coated seeds. The Executive Board concurred, and tentative rules will be printed and distributed to members.

A photograph showing lettuce necrosis was prepared by the Seed Standardization Branch (SSB) for distribution as provided for in the Seedling Description section, page 107 of the Rules. Although the Committee approved the concept of distributing the photograph to help standardize the evaluation of necrotic lettuce seedlings, it recommended that additional work be done to improve the quality and scope of the photograph and encouraged SSB to continue its efforts in this regard.

A subcommittee, chaired by Dr. L. E. Everson, was formed to examine the differences existing between ISTA and AOSA seedling evaluations and to recommend and implement format for revision of the AOSA Seedling Descriptions.

A notice was published in the September, 1979, AOSA Newsletter pointing out an error in Table 1 of the Rules. The working sample weights and seed numbers for little bluestem were wrong and will be corrected at the next Rules revision.

Items under consideration by the Committee include complete editorializing of the Rules and consideration of some miscellaneous suggestions, such as standardization of generic nomenclature.

The following rule changes were approved by the AOSA at their annual meeting in Des Moines, IOWA, on May 22. They will become effective October 1, 1980.

Change 1. Add kimpac (TC) to the list of media for soybeans and corn on page 42 and 51 of the Rules.

<i>Kind of Seed</i>	<i>Substrata</i>	<i>Temperature</i>	<i>First Count</i>	<i>Final Count</i>
Glycine max soybean	B, T, S, TC	20-30; 25	5	8
Zea mays-fieldcorn and popcorn	B, T, S, TC	20-30; 25	4	7

Change 2. Delete the "4 times" rule for tree and shrub seeds on page 117 of the Rules.

To effect this change, simply delete section 12(b) on page 117, leaving only 12(a) under normal seedling description.

Change 3. As a result of a recommendation of the Executive Board, the membership voted to exempt side oats grama and little bluestem from section 2.7g(1), page 23 of the Rules, for a period of two years. (You will recall that last year similar action was taken for blue grama.)

This means that both these species will be tested according to section 2.7g, page 23, which states that endosperm development is necessary to be counted as pure seed.

In addition to the three changes above, the Association adopted Tentative Rules for testing coated seeds. The purpose of Tentative rules is to allow their use in order to determine faults which may need to be corrected.

A reprinting of the pages affected, including editorial changes and the Tentative rules for coated seeds, will be distributed as soon as they can be reprinted. We estimate this will not happen before January 1, 1981.

R. Danielson, *Chairperson*

PUBLIC SERVICE COMMITTEE

Inventory of AOSA Public Service Kit

<i>Item</i>	<i>Comment</i>
1. Merle Pierpoint Drawings and Slides (Hand drawn color pictures—identification and tetrazolium testing.)	1.26 slides and notebook with comments—should be kept, excellent.

2. Reference collection of 100 weed seeds mounted on tape.
3. "For Better Lawns"—16 mm B&W film—4 min.—Bernard Leese (USDA)
4. "Good Seed for Happy Gardners"—16 mm B&W film—3½ min.—Bernard Leese (USDA)
5. "Seed Testing"—16 mm B&W film—3 min.—A. Carter (Purdue)
6. "Your Money's Worth in Seeds" 3-4 min.—A. Carter (Purdue)
7. Slide Set: Sampling Seed. #1-20, IS-28S
8. Slide Set: Seed Testing Equipment and Supplies. #21-48, 47S-55S
9. Slide Set: Seed Identification #49-124
10. Slide Set: Seed Testing. #125-202, 29S-46S.
11. Slide Set: Soybean—Seed Structure. #1-32.
12. Slide Set: Seed Production. PP2-PP36, PV4-PV28.
13. Slide Set: Seed Harvesting. PP10-PP35, PV5-PV26, 56S, 57S.
14. Slide Set: Seed Processing. #58S-66S
15. Slide Set: Plant Disease. #68S-98S.
16. Slide Set: Seed Testing Lab Queensland, Australia. #Q1-Q30.
17. Box of Slides (2 × 2 glass) (Miscellaneous)
2. Some seeds are squashed—need to be replaced—additional samples can be added, excellent.
3. Date—1950's—explains seed label and germ test—outdated—should be archived.
4. Date—1950's—seed germination—outdated—should be archived.
5. Germination testing—1957—outdated—should be archived.
6. Reading information on seed label—outdated—should be archived.
7. #11, 12, 10S missing
Could be added to.
8. #23 missing
Could be added to.
9. All accounted for. A good collection of slides.
10. #127, 128, 153 and 164 missing
Set needs some direction and organization—otherwise it's good.
11. Has script for slides—Good.
12. Slides of this set and the Seed Harvesting series were mixed together—mostly flowers.
13. A script for this set and the preceding set. Flowers and vegetables.
14. Mostly equipment. Needs additional material to upgrade this set.
15. Has script. Mostly cereals
Needs much more material.
16. Of limited interest.
17. Should be archived or discarded.

- | | |
|--|---|
| 18. Ring Binder Book 1.
Clippings from newspapers and periodicals, news releases, news letters and bulletins. | 18. Clippings are of historical value only. Reprints are not organized. Bulletins could be discarded. |
| 19. Ring Binder Book 2.
Extension Service Bulletins, Seed Inspection and Enforcement, Seed Certification. | 19. Materials are 10-20 years old. Of little use in its present unorganized form. |
| 20. Ring Binder Book 3.
Seed Testing, Teaching Aids, Processing, Seed Schools. | 20. A conglomeration of material. Of little current value. |
| 21. Ring Binder Book 4. | 21. More material encumbering the Public Service Kit. Of historical interest only. |
| 22. Misc. Posters, etc. | 22. Discard! |

E. E. Roos, *Chairperson*

NOMENCLATURE COMMITTEE

Following the nomenclatural review, adjudication, and revision and the successful publication of the revised Federal Seed Act and AOSA Rules, the Nomenclature Committee represented the USDA-AOSA nomenclatural interests in a revision of the ISTA Rules. This representation will culminate in my attending the Vienna meeting of the ISTA as a US delegate. A report of the results of the decisions made by the ISTA Nomenclature Committee and an interpretation of how these decisions affect the Federal Seed Act and the AOSA Rules will be issued prior to the 1981 AOSA meeting.

Typographical and editorial errors in the nomenclature of the AOSA Rules have been brought to the attention of the AOSA Rules Committee.

C. R. Gunn, *Chairperson*

RYEGRASS FLUORESCENCE COMMITTEE

During the past year, AOSA President Larsen appointed a ryegrass fluorescence committee composed of the following persons:

Jennie Bloodgood	Bernie Leese
Ben Clark	Guy McKee
Larry Copeland	Dick Payne
Roy Everson	Dennis TeKrony

The Committee obtained information from a number of other persons including Dr. C. R. Funk, Jr. a turf grass breeder from New Jersey, Dick Bailey, President of the Oregon Seed Trade Association, Howard Kaewer of Northrup, King and Co. and a member of the Oregon Seed Trade Association/American Seed Trade Association Fluorescence in Ryegrass ad hoc Study Committee, Ed Hardin a member of the same committee and Rodger Danielson from the Oregon Seed Laboratory.

The committee spent several months accumulating, reviewing and digesting all the information it could obtain about ryegrass fluorescence. Then it met in conjunction with the AOSA meeting in Des Moines to prepare answers to five questions submitted to it for consideration by President Larsen. These questions and the answers adopted by the committee are presented below:

1. *Question:* What is the true nature of fluorescence in the various ryegrass species and cultivars today? How stable is the fluorescence characteristic?

Answer: The older varieties of perennial ryegrass produce some fluorescent seedlings. Some of the newer varieties produce none or very few fluorescent seedlings. There may be some crossing on the outer edge of seed production fields which will result in fluorescent seedlings in perennial varieties which should have none. There may be some genetic modifiers which will cause a small percentage of fluorescent seedlings in varieties described as having none. It is possible that future varieties of ryegrass will have varying degrees of fluorescence which should remain constant within reasonable limits in a given environment after stabilization.

2. *Question:* Is the 1.05 factor in the perennial ryegrass fluorescence formula (Section 3.5 b of AOSA Rules) appropriate for some cultivars but not for others?

Answer: Yes (It is not appropriate for some cultivars, and it may not be appropriate for any).

3. *Question:* Exactly what are the positive and negative consequences of deleting the 1.05 factor for certain cultivars of perennial ryegrasses with respect to the producer and the consumer?

Answer: Consequences for the producer are the following:

- a. If producers are required to produce seed with less fluorescence because the 1.05 factor is deleted, the cost of production will be increased.
- b. Producers might sustain losses if deletion of the 1.05 factor made seed lots ineligible for certification.
- c. Turmoil would be caused in the seed trade if standards were changed by deletion of the 1.05 factor at this time.

- d. Producers of perennial ryegrass seed with low fluorescence could use that fact to promote marketing because the quality of the seed would not be obscured by use of the 1.05 factor.

Consequences for the consumers are the following:

- a. Contaminants revealed by the elimination of the 1.05 factor may be important to sod growers because the value of the sod may be lowered by the presence of such contaminants.
- b. Deleting the 1.05 factor could provide a more accurate indication of seed quality for zero fluorescent varieties. Use of the factor tends to conceal the number of off-types that are present.

4. *Question:* Does the solution of the ryegrass fluorescence problem require further research or a re-evaluation of existing information?

Answer: We need research on the characteristic fluorescence of additional ryegrass varieties. Further research is needed on methods of testing for fluorescence and the stability of the fluorescence factor. Existing research information should be re-evaluated. New procedures for reporting pure seed and other crop seeds should be developed for ryegrass seeds. A temporary solution to the ryegrass problem should be possible on the basis of existing information.

5. *Question:* What steps and policies are recommended to resolve the ryegrass problem?

Answer: The committee recommends that the fluorescence test formulas for determining the percent annual and perennial ryegrass in the AOSA Rules for Testing Seeds be eliminated and that the fluorescence test be restricted to determining the percent fluorescing and non-fluorescing seedlings. It is suggested that the usual procedures for changing the AOSA Rules be followed in implementing this recommendation.

B. E. Clark, *Chairperson*

BUDGET COMMITTEE

AOSA Budget for the year 1980-81

<i>Receipts</i>	1979-80	1980-81
Cash on hand (Beginning of year)		
Checking Account	2647	10770
Certificate of Deposit	64	--
Savings Account	3171	4770
Total	<u>5882</u>	
Publications		
Handbooks	4000	1000
Newsletter	1800	2000
Journals	5000	5000
Rules and Binders	2000	2000
Total	<u>12800</u>	
Meeting Advance Return	500	--
Dues	4450	4500
Interest	200	500
Total	<u>5150</u>	
RECEIPTS TOTAL	23832	30540

DISBURSEMENTS

Publications		
Handbooks	1200	1000
Newsletter	3200	3500
Journals and Rules Revision	8500	6500
Postage	3000	3500
Typing and Envelopes	440	500
Total	<u>16340</u>	<u>15000</u>
Miscellaneous Meeting Expenses	--	100
Meeting Advance	1000	1000
CAST Dues	140	200
Travel	1000	1000
Office Assistance and Supplies	200	1750
Book Exhibit	55	200
Secretary-Treasurer's Bond	30	50
Miscellaneous	150	200
Total	<u>2575</u>	<u>4500</u>

DISBURSEMENTS TOTAL		19500
Cash on Hand (End of year)		
Checking Account	1917	6840
Certificate of Deposit	2000	—
Savings Account	1000	5000
Total	<u>4917</u>	<u>11840</u>
DISBURSEMENTS TOTAL	23832	30540

C. C. Abbott, *Chairperson*

SEED STANDARDIZATION BRANCH ADVISORY COMMITTEE

On October 23, 1979 I attended a varietal testing committee meeting held at the laboratory. There was not much time to spend with the members. Therefore, I spent a full day on December 13 talking with the various members and discussing what they were currently working on. Tom Porter, Director and his deputy, Paul Fuller, visited the lab. We have been assured of a willingness of cooperation.

During the year the list of projects for the Seed Standardization Branch was reviewed by the full committee. The revised list was printed in Volume 54, No. 1 of the Newsletter, pages 35-36.

W. P. Ditmer, *Chairperson*

NECROLOGY COMMITTEE

David H. Syme, Jr.

David H. Syme, Jr., fatally injured in a July 8th traffic accident, was Executive Vice President of Anchor Paper Company, St. Paul, Minnesota.

Born and raised in St. Paul, he was a graduate of Cretin High School. He attended the University of Minnesota, where he was a member of Phi Gamma Delta fraternity, spent two years as a Colonel in the United States Air Force at Tucson, Arizona, and returned to Macalaster College, where he graduated with a degree in journalism in 1953.

In 1954, he joined Anchor Paper Company, a firm founded by his father, and took over as Executive Vice President in 1968, upon the retirement of David Syme, Sr.

Mr. Syme was a long-time board member of the St. Paul Art Gallery, and in his early years an active member of the St. Paul Jaycees. He was a

member of St. Paul Oryg Gyro, the St. Paul Athletic Club, the University Club and Unity Church.

Mr. Syme's long-time avocational interest in firefighting and firefighting equipment culminated this past June when, through his efforts, a 1905 steam pumper originally the property of the St. Paul Fire Department until the 1920's, was brought back to the city, under the auspices of the Pioneer Hook & Ladder Volunteers. Mr. Syme was a member and past president of the organization, as well as a charter board member of the National Firefighters Museum, a Twin City group which is striving to form a major national museum for firefighting equipment.

He was a collector of firefighting equipment and antique autos, and at the time of his death was driving a 1935 Ford Cabriolet.

He is survived by his wife Diane, daughters Cynthia and Charlotte, son David Alec, parents Mr. & Mrs. David H. Syme, Sr., a sister Mrs. Erwin (Jeanne) Sauer, a niece and nephew.

James Herbert Byrd

James Herbert Byrd died suddenly on September 18, 1979.

Mr. Byrd was born June 7, 1920 at Hamilton, Alabama. He graduated from Hamilton High School and served three and one-half years in the United States Army Air Force during World War II, twenty-eight months of that time in Europe.

Following his discharge from the Army in 1945, Mr. Byrd enrolled in Auburn University, earning a B.S. degree in Agriculture in 1948. After graduation, he was employed by the Alabama Department of Agriculture as a Seed Analyst, working in the Federal-State Seed Laboratory, Montgomery, Alabama.

In 1952, Mr. Byrd joined the United States Department of Agriculture, as a Seed Marketing Specialist. In addition to his Seed Regulatory and Seed Analyst duties, Mr. Byrd assisted with Seed Analyst Workshops and was in charge of the Montgomery field office, in the absence of the Officer-in-Charge.

Mr. Byrd is survived by his wife, two daughters and three grandchildren. Following funeral services, Mr. Byrd was buried at Hamilton, Alabama.

C. L. Sciple, *Chairperson*

CONSTITUTION COMMITTEE

PROPOSED CHANGES IN THE CONSTITUTION

Article III—MEMBERSHIP

1. There shall be four categories of membership; member laboratories, affiliate members, associate members, and honorary members.

2. The membership shall be from continental North America and outlying states, provinces and possessions, provided, however, that qualified persons from South America shall be eligible for associate membership.
3. *Member Laboratories*—Laboratories of government agencies and government institutions engaged in seed testing and/or seed research shall be eligible for member laboratory membership. Each member laboratory shall be entitled to one vote in the election of officers and other business of the association. Seed certification laboratories shall not become member laboratories except for those which are already members as provided for in By-Law II-1.
4. *Affiliate Member*—Persons employed in technical and professional positions in member laboratories shall automatically be affiliate members. A staff person in a member laboratory shall be eligible for election to any office or appointment to any committee of the association. The vote of a member laboratory shall be cast by one of its staff persons.
5. *Associate Member*—Persons not attached to the staffs of member laboratories, but are engaged in seed analysis, seed research, teaching, extension, crop improvement agencies, and related activities in universities, government agencies or government institutions. Associate members shall be eligible for appointment to committees and committee chairpersonships and may enter motions in meetings of the association, but shall not be eligible for election as an officer or member of the executive board of the association, except for election as secretary-treasurer, or entitled to vote in association elections or other business of the association.
6. *Honorary Members*—Any person who has rendered signal service in one or more of the fields of activity of the Association mentioned in Article II, is eligible for Honorary Membership.

BY-LAW II—MEMBERSHIP

1. All member laboratories in good standing on the date of adoption of this constitution shall automatically become members of the association. This shall not exclude any person who was a member prior to May 22nd, 1980.
2. The application of laboratories for membership, and of individuals for associate membership in the Association, must be submitted to the Membership Committee. If approved, the names of applicants will be submitted to the Annual Meeting for election.
3. Honorary Members shall have all privileges of Associate Members except that of receiving complimentary copies of the Journal of Seed Technology. Any Associate Member or Affiliate Staff may nominate a per-

son for Honorary Membership. Such nomination shall be submitted to the Membership Committee. If approved by the Executive Board, the name will be presented to the delegates at the Annual Meeting. They shall be declared elected upon a two-thirds majority vote.

G. M. Moore, *Chairperson*

MEETING PLACE COMMITTEE

1981—Orlando, FL

1982—San Antonio, TX

The Meeting Place Committee received only one invitation to Host the 1983 Annual Meeting. This was an open-end invitation from Alaska.

We, therefore, suggest no action be taken at this time.

1981 Meeting

We are already looking forward to next years meeting and hope that you are too. If you have any suggestions, let us hear from you. Some of the plans are as follows:

Friday June 12 All Day - SCST Examination
State Seed Laboratory
Tallahassee, Florida

HILTON INN WEST, ORLANDO, FLORIDA

JUNE 14-19

Saturday June 13	3:00 P.M.	Registration
Sunday June 14	1:00 P.M.	Joint Opening Session
	6:00 P.M.	SCST Social
	7:00 P.M.	SCST Banquet
Monday June 15	8:00 A.M.	SCST Program all day
Tuesday June 16	8:00 A.M.	AOSA Program
	1:00 P.M.	Sea World Tour & Dinner
Wednesday June 17	8:00 A.M.	AOSA Program all day
	6:00 P.M.	AOSA Social
	7:00 P.M.	AOSA Banquet
Thursday June 18	8:00 A.M.	AOSA Program
	1:00 P.M.	AOSA Business Session
Friday June 19	8:30 A.M.	Board Buses for Disney World

W. R. Vaughan, *Chairperson*

NOMINATIONS COMMITTEE

The following officers have been duly elected for their respective offices.

Vice-President

L. Wiesner

Executive Board

A. B. Ednie

K. Boatwright

M. V. Meadows, *Chairperson*

TEACHING AND TRAINING COMMITTEE

The Teaching and Training Committee has this year arranged for Mrs. Betty Bond of the Oregon State Seed Laboratory to present a very interesting and educational discussion of several special tests to be followed by demonstrations and exhibits.

L. N. Bass, *Chairperson*

LIAISON COMMITTEE

Letters were written to the following organizations indicating our interest in their objectives and a desire to cooperate with them.

Society of Commercial Seed Technologists (SCST)

Commercial Seed Analysts of Canada (CSAC)

American Seed Trade Association (ASTA)

Association of American Seed Control Officials (AASCO)

Association of Official Seed Certifying Agencies (AOSCA)

National Association of State Departments of Agriculture (NASDA)

International Seed Testing Association (ISTA)

Dr. Ben Clark attended the NASDA meeting in Winston-Salem September 23-26. He reports that there was a resolution considered by the Plant Industry Committee to develop guidelines for the issuance of phytosanitary certificates for seed. It was felt that they may have more meaning if there was more uniformity among states in their inspection procedures. Perhaps it is something the AOSA should consider.

Dr. Clark indicated that quite a number of people were interested to know what AOSA on his name tag meant. This points out the need to be represented at such meetings. We need such recognition.

Charlie Abbott was our official representative at the AASCO meeting in Pittsburgh, Pennsylvania. There are many AOSA representatives at this meeting since many of their members are also members of AOSA. Items of

AOSA interest continually present themselves, but AOSA is well represented when such subjects are discussed.

The American Seed Trade will meet June 10-14 in San Diego, California. Mr. Rodger Danielson, Rules Committee Chairperson, will officially represent AOSA at ASTA's annual meeting.

AOSCA meets in Portland, Oregon, August 3-7, which will be in my region of representation.

ISTA will meet in Vienna, Austria, June 6-13. President Larsen has asked me to represent AOSA at their Congress and I plan to attend. One item for discussion will be the seedling description differences occurring between AOSA and ISTA. AOSA Rules Chairperson, Rodger Danielson, has been in contact with Mr. Beckendam, Chairperson of the Committee on Seedling Descriptions. Perhaps a direct contact discussion can help to alleviate some of the differences.

E. E. Hardin, *Chairperson*

AOSA REPRESENTATIVE TO CAST

During recent months snipping at CAST by the news media has diminished, and CAST has completed a self appraisal which resulted in revised guidelines for its operations.

The work of CAST in providing factual information about food production, processing and allied topics continues to move forward. The following reports have been published since our last AOSA meeting:

1. Directory of Environmental Scientists in Agriculture—2nd Edition.
2. Report No. 79—Impact of Government Regulations on the Beef Industry.
3. Report No. 80—Aflatoxin and Other Mycotoxins: An Agricultural Perspective.
4. Report No. 81—A Plague on Our Children.
5. Report No. 82—Foods from Animals: Quantity, Quality and Safety.

A number of other reports are in various stages of preparation.

In connection with the annual meeting of the Board of Directors a very successful congressional breakfast was hosted by CAST. One senator, 7 congressmen and 27 staff members representing senators, congressmen and agricultural committees were present, and they were told how CAST could provide them with factual scientific information about agricultural legislation they might be considering.

On March 20 and 21, CAST participated in another food "Dial-ogue" in which over 30 scientists answered questions about food and food production from interested persons throughout the United States. This was the first "Dial-ogue" at which a seed scientist was present. There were relatively few

questions about seeds, but our participation was probably worthwhile.

All agricultural sciences benefit greatly from CAST's efforts, and it deserves our continued support.

B. E. Clark, *Chairperson*

SYMPOSIUM COMMITTEE

The Symposium Committee held its only meeting on June 14, 1978, during the AOSA meeting in Lincoln, Nebraska. Permanent committee members are C. C. Baskin, A. B. Ednie, and L. Wiesner, together with L. O. Copeland as an ex-officio member. R. H. Hofmann, program chairman, was an ex-officio member in 1979, with J. C. Delouche serving this role in 1980. A. L. Larsen will succeed J. C. Delouche after the 1980 meeting.

At the 1978 meeting, Symposium organizers and topics were selected for a 3-year period. A. B. Ednie organized a successful symposium on Seed Pathology for the 1979 meeting. C. C. Baskin has organized a top-notch symposium on Seed Conditioning for the 1980 meeting. L. Wiesner is scheduled to arrange the 1981 symposium on Seed Dormancy.

The Committee suggests the Symposium papers be published in the Journal of Seed Technology, provided they meet the normal review criteria.

D. F. Grabe, *Chairperson*

ADMINISTRATIVE PROCEDURES

HANDBOOK COMMITTEE

During the past year, work continued in collecting more materials for the Administrative Procedures Handbook. Thanks is given to nineteen respondents who supplied information.

It is hoped that the handbook will be in presentable shape by meeting time in 1981.

W. N. Rice, *Chairperson*

REPORT OF AD HOC COMMITTEE ON SECRETARY-TREASURER WORKLOAD

The committee was again asked by President Larsen to review the AOSA Secretary-Treasurer workload to reduce the workload on one person. The committee felt that its previous recommendation to separate the Secretary-Treasurer workload into two positions, one of Secretary and one of Treasurer, was still the simplest, most adaptable and cheapest for the Association.

The committee recommends that:

1. Both positions be elected for a term of three years.
2. The Treasurer should be allowed monies for office assistance.
3. That the duties of each position be clearly outlined in the AOSA constitution as per the attached summary.

The committee has refined and consolidated some of the duties from each office. They appear to be as equitable and chronological a separation as possible without duplication.

We also tried to keep all the duties relating directly to finances with the Treasurer. This would help avoid duplication of records. If financial duties were divided, the job of auditing would become more complicated.

If the committee's recommendations are accepted, we would suggest they be referred to the Constitution Committee for further action and implementation.

Secretary Duties

1. Record minutes at Executive Board and General Meeting.
2. Conduct the roll call.
3. Assemble papers and committee reports for forwarding to Editor of Journal or News Letter.
4. Write courtesy and resolution letters as appropriate, also welcome letters to new members.
5. Prepare certificates for honorary members.
6. Maintain membership list.
7. Forward requests for publications to Treasurer.
8. Answer miscellaneous correspondence and questionnaires.

Treasurer Duties

1. Receive all monies
2. Maintain checking and savings accounts.
3. Keep financial records and reconcile accounts.
4. Pay all Association bills.
5. Maintain publications inventory.
6. Receive and fill orders for publications.
7. Prepare and mail invoices for dues and publications.
8. Maintain subscription list (Journal and News Letter).
9. Prepare mailing labels for News Letter and Journal.
10. Write collection letters.

R. H. Hofmann, *Chairperson*

PRESIDENTIAL ADDRESS

A. L. Larsen

Two years ago I was elected Vice-President of the Association of Official Seed Analysts. I was proud because this was my organization, and the members were my friends who are about the only people with whom I could discuss my professional problems in some depth. I felt accepted, competent, and honored even after I was told the nomination committee had a difficult time finding someone who would run for the office. As Vice-President I kept busy as chairperson of the Merit Award and Budget Committees, and by assigning chairpersons for all of the AOSA committees for the coming year. Having done this, I became President a year ago and found that I did not have much to do except remind the committee chairpersons to get to work. Then I got out of their way because most of their work would require two or three years of effort, and if Presidents over-exerted their influence, the committees would be off on a different tangent each year.

I am still proud of being elected to the position of President, but it has become my impression that most committee chairpersons influence the direction of AOSA more than the Association's President. This implies that we have long term leadership with regards to the individual parts of our association, but short term leadership over the general direction of our association. Most of the past presidents recognized the problem, and many made reference to it in their presidential addresses. However, C. B. W. Rogers stated the problem most eloquently in his 1967 Presidential address as follows:

"Before enlarging further on what I had in mind, I would like, with your permission, to refer again to Mr. W. L. Stone's address in Detroit in 1917. In this, he mentions that it is the function of the executive of the organization to guide and direct to the best of his ability the destinies of the organization. A year's experience as executive usually gives one an opportunity to discover phases of work or come squarely up to problems demanding solution, which appear to him as wise and worthy of study and consideration. Some of them, he would be glad to see discussed and others solved to become a part of the organization history as work definitely accomplished. Unfortunately, unless he has been re-elected, he has no opportunity to see carried to completion the projects which he proposed as worthy of attention."

This point of view I agreed with entirely, as I felt that many past presidents must indeed have been frustrated to learn very clearly during their term of office, some vital need of the association, only to have a successor who possibly was not interested in such a subject at all, but who had strong convictions of his own in an entirely different field, and who would therefore not begin the work the retiring president was so anxious to pursue.

Sensing this difficulty, I have decided that during my term of office, I would try to the best of my ability to have the Association pursue goals already suggested, and certainly to continue projects currently underway. In this way, I hoped that certain worthy goals might be realized and some progress made. Fortunately, my predecessor, Mr. Sundermeyer, was also strongly impressed with this need of continuity of work, and as you well know, stressed this point in his outstanding address at Vancouver last year (1979). I have, therefore, tried in a sense to give Mr. Sundermeyer a two-year term of office."

Although lack of continuity is the biggest problem associated with a one year term, there are also others. One is the absence of a stable address which outsiders can use to contact the leadership of AOSA. I am sure that all AOSA presidents have been forwarded mail addressed to a past president several times removed. Another problem is that one year simply is inadequate time to learn how to effectively administer the office. It is during the final week of office, while presiding at the annual AOSA meeting that the president really finds out what he should be doing.

It is a mystery why the president's tenure is only one year. All of the other elected offices and most committee chairs are held for three years or longer. It certainly is not that the work load is overburdening. Most of the other offices have many times the work load of the president. Frankly speaking, it is time that we do something about it.

I am proposing a three year term of the AOSA President. There are some good reasons for a three year term:

1. Three years is a typical tenure for presidents of many of our allied associations—especially ISTA. The various presidents would be better able to be in alliance with each other in terms of cooperative projects.
2. With a three year term, it is practical and proper that the AOSA President serve as the official AOSA representative to the ISTA Congress. In this regard it may be better to adjust the AOSA President's term so that the ISTA Congress coincides with the end of AOSA President's second year in case an extra year is needed to follow up on items brought forth at the ISTA Congress. The prospect of representing AOSA at the ISTA congress would be an excellent inducement for seeking nominees for AOSA presidency.
3. Three years is a reasonable duration in which to complete a carefully-thought-out program.
4. Three years should be the typical duration for most committee chairships, and the new incoming President could realign the committee personnel, giving most of us a chance to try our hand at new committees and a better chance for new blood to be inserted into the AOSA committee system.

Then what do we do about the Vice-President? I propose that we elect the

Vice-President for a full three year term. The Vice-President would serve as chairperson of the Program Committee during the three year term of office, and serve as Budget Committee chairperson for the last year of office as Vice-President and for the first and second year of office as President. The Vice-President's present duties as chairperson of the Merit Award Committee would be assumed by a member of the Executive Board. The Vice-President would also establish the future occupancy of the committee chairs during his third year at that office.

As an extension of the three year cycle idea, it may be time to make some changes in the AOSA annual meetings. There is an increasing outcry by Program Committee Chairpersons regarding the lack of time during the annual meetings for doing everything that needs to be done. In a three year cycle, we could emphasize a different aspect of our interests each year such as:

Year One—Emphasize the scientific aspect of seeds. Physiologists, agronomists, taxonomists, pathologists and biochemists could dominate the program with an integrated approach for discussing recent advances in the seed sciences. For one year out of three, seed scientists could attend the AOSA meeting in preference to parent organizations of their specific disciplines. Another sidelight to support a three year cycle for seed scientists is that American Seed Research Foundation Grants are awarded every three years. This may be a convenient forum for presentation of ASRF grant awards and research papers.

Year two—Emphasize the seed analysts training. If you will read all the presidential addresses back to 1917, you will find that the most frequently expressed need is for greater uniformity among laboratories, along with the need for more seed analyst training. The federal laboratories, and some state laboratories, have done very well in furnishing short courses for this purpose. Now accreditation of AOSA laboratories is becoming more and more imminent along with the associated testing program as proposed by George Spain's Accreditation Committee. Teaching efforts must be accelerated. The second year program could be designed by the people from the Seed Standardization Branch as a finishing school for working seed analysts, and as a time to take the accreditation test.

Year three—Emphasize concluding committee efforts, the presentation of proposals for various changes, and the action of the AOSA membership on the proposed changes. The cumulation of each three year cycle would be an updated set of rules. Undoubtedly there would be a need for making rule changes every year. If, however, the emphasis was on making most of the rule changes in the third year then time would permit more of the research supporting the rule changes to be put into the Journal rather than into the Newsletter. Recognition for Journal publications is the basis for advancement for many scientists. One year

cycles necessitate hasty research and hasty publications. The final event of the third year would be the meeting of the new president and executive board with the new chairpersons to make battle plans for the next three year campaign.

Maybe I am a bit naive. There is, however, ample support for extending the term of the President, both from the past and present, to make me believe that this is an objective worth pursuing. Then you must realize that you don't push one domino over without expecting others to fall. What I have said here is how I think the dominos should fall. You may disagree on the details but I hope you can build on my thoughts, so I ask you that we start moving.

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