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Leafy spurge 1986 annual meeting

Program / 1985 Minutes / 1986 Minutes

GPC-14 Leafy Spurge Control in the Great Plains – Program

July 9, Morning Session

- 6:30 a.m. Group Breakfast
- 8:00 a.m. Welcome and Introductory Remarks. R. G. Lym
- 8:10 a.m. **Leafy Spurge, a Rangeland Invader - (slide tape).** T. D. Whitson, University of Wyoming, Laramie.
- 8:30 a.m. **Impact of Leafy Spurge on the Plant Community.** R. M. Nowierski and S. J. Harvey, Montana State University, Bozeman.
- 8:50 a.m. **Leafy Spurge Control in North Dakota - 1986.** C. G. Messersmith and R. G. Lym, North Dakota State University, Fargo.
- 9:10 a.m. **Herbicide and Fire to Control Seed Germination of Leafy Spurge.** A. J. Bjugstad, U.S.D.A. Forest Service Res. Lab., Rapid City, SD.
- 9:30 a.m. **The Effect of 2,4-D Application Timing on Leafy Spurge Seed Viability.** G. Heneidi, M. A. Ferrell, and S. D. Miller, University of Wyoming, Laramie.
- 9:50 a.m. Break
- 10:10 a.m. **Picloram Exudation by Leafy Spurge Roots.** M. V. Hickman and C. G. Messersmith, North Dakota State University, Fargo.
- 10:30 a.m. **The Effect of Glyphosate on Bound Auxins in Leafy Spurge.** D. D. Biesbor and J. H. Westwood, University of Minnesota, St. Paul.
- 10:50 a.m. **Cotyledon Chlorophyll Assay for Measuring Injury to Leafy Spurge.** W. L. Koukkari and D. D. Biesbor, University of Minnesota, St. Paul.
- 11:10 a.m. No Latex Starch Utilization in Leafy Spurge (*Euphorbia esula* L.). S. J. Nissen and M. E. Foley, Montana State University, Bozeman.
- 11:30 a.m. **Physiological and Microscopic Characteristics of a Regenerating Leafy Spurge Culture.** D. G. Davis, D. L. Stalzenberg, and P. A. Olson, U.S.D.A. Metabolism and Radiation Res. Lab., Fargo, ND.

11:40 a.m. **Relations of Nitrogen Source and Molybdenum Content of Media to Regeneration of *Euphorbia esula* L. Cell Cultures.** D. G. Davis and K. J. Evenson, U.S.D.A. Metabolism and Radiation Res. Lab., Fargo, ND.

11:50-1 p.m. Group Lunch

July 9, Afternoon Session

1:15 p.m. **The Leafy Spurge Taxonomy Problem Reviewed.** S. J. Harvey, R. M. Nowierski, and P. Mahlberg, Montana State University, Bozeman, and Indiana University, Bloomington.

1:35 p.m. **Some Fungi Parasitizing Leafy Spurge.** R. M. Hosford, Jr., North Dakota State University, Fargo.

1:55 p.m. **Preliminary Evaluations of Biocontrol Insect Releases in North Dakota.** R. B. Carlson and D. A. Mundal, North Dakota State University, Fargo.

2:15 p.m. ***Aphthona cyparissae*, a New Flea Beetle for Leafy Spurge Control in the United States.** R. W. Pemberton, U.S.D.A. Western Regional Research Center, Berkeley, CA.

2:35 p.m. **Two Year Survey for Picloram in North Dakota Groundwater.** K. M. Christianson and R. G. Lym, North Dakota State University, Fargo.

2:55 p.m. **Alternative Granular Formulations of Picloram to Replace Tordon 2 K.** P.K. Fay and E. S. Davis, Montana State University, Bozeman.

3:15 p.m. Break

3:30 p.m. Leafy Spurge Control-Open Discussion

Subject 1: How to replace Tordon 2K and 10K now and Tordon 22K next year.

Subject 2: Distribution methods for large scale dispersal of biological control agents.

Subject 3: Reduced funding for research and control efforts, what next?

Subject 4: Open forum for other areas of concern. Those wishing to present data but not a formal paper are welcome to do so.

6:00 p.m. Group Dinner

7:30 p.m. GPC-14 Executive Meeting

July 10, Morning Session

6:30 a.m. Group Breakfast

7:30-1 p.m. Tour of University of Wyoming Leafy Spurge Research Control Plots.

T. D. Whitson and M. A. Ferrell,
University of Wyoming, Laramie.

12 p.m. Group Lunch

The 1986 GPC-14 meeting is sponsored jointly by North Dakota State University and the University of Wyoming.

GPC-14 Executive Committee:

Dr. Rodney G. Lym - President
Or. David G. Davis - Vice-President
Dr. Robert M. Nowierski - Secretary
Dr. Don E. Anderson - Administrative Advisor

Local Arrangements Committee:

Dr. Tom D. Whitson
Dr. Mark A. Ferrell

1985 Minutes

Minutes from the Great Plains Council (GPC-14) committee meeting

The meeting was called to order at 1 p.m. by Dr. Peter Fay. Minutes from the last meeting were read. It was moved by Dr. Don Anderson and seconded by Dr. Rod Lym that they be accepted as read, motion passed.

Dr. Fay reported that the Leafy Spurge Multi-States pamphlet on distribution biology and control has been published. Copies of the publication (MSU Extension Service Circular 309) are available at the desk.

Old Business:

1) Newsletter: Because Montana State University will no longer be publishing a newsletter, North Dakota will be taking over the publication for a few years. Dr. Lorenz reported on the status of the takeover. The newsletter will become a North Dakota State University/Agricultural Research Service endeavor with Dow Chemical Company contributing monies for its distribution. Dr. Lorenz has retired from the Agricultural Research Service and will be editor of the newsletter for at least one year or until NDSU obtains an Extension Specialist on noxious weeds. If the latter happens, this duty might be incorporated as part of the Extension Specialist's duties and the newsletter might include several noxious weeds. For now the newsletter will stay as the Leafy Spurge Newsletter. The number of issues will be reduced from the present 4/year to 3/year. The next one will be published soon after this meeting, in December 1985, and in April 1986. Articles are to be sent directly to Dr. Lorenz, Box 459, Mandan, North Dakota 58554. A computer listing of recipients of the newsletter has not yet been transferred to NDSU, but it should be completed soon.

Dow Chemical Company has approached the North Dakota Stockman's Association and Dow is willing to pay the cost of one issue of the newsletter as an insert to the Stockman's Association magazine. It will probably also appear in the Montana Stockman Association magazine. Dr. Ally suggested that the same thing be done in Wyoming. Dr. Fay suggested possibly Idaho might be interested in doing the same thing. A large percentage of the names and addresses on the mailing list of the Leafy Spurge Symposium are from Montana and therefore, on the surface there appears to be more interest in the newsletter in Montana. However, this insertion into the Stockman's Association magazine will undoubtedly generate considerably more interest in the newsletter. The issue that will be inserted may be a regular issue, or it may be a special issue for that purpose. This will be decided later. Dr. Lorenz indicated that he needs a good cartoonist for some caricatures to continue the tradition set by Montana. It was felt that this would create a little more interest.

2) Dr. Lym reported that there was \$500.00 left over from the Dickinson meeting. Dr. Lym proposed that this be set aside to cover unexpected expenses that might occur in meetings. Dr. Ally moved and Dr. Davis seconded the motion. Motion passed.

3) A new secretary (who will become president elect and president) is needed for this committee. As a part of this consideration, discussion was made as to whether a meeting should be held every year, or on alternate years. Dr. Bjstad pointed out that the meetings

with the Range Science Society of America will be held in Billings in 1989, in February, and might be considered as an ideal time for a symposium for that year.

The meeting was recessed at 1:30 p.m. and reconvened at 3:15 p.m.

It was decided that there would be a meeting in 1986 in Wyoming. Although Dr. Lym is the next president and is from North Dakota, because the 1984 meetings were held in North Dakota, Wyoming was indicated as a better site for 1986. Lars Baker, Freemont County, Wyoming, indicated that it would be OK to hold the meetings in Wyoming at Riverton. Possible location sites would include the Community College in Riverton, with a field trip to the plots in Lander, Wyoming. Local arrangements will be conducted by Dr. Whitson and Lars Baker. The local arrangements committee will decide upon the date after discussion with the members of the Committee. Discussion was made as to whether to completely separate technical aspects of the meeting from those talks designed more for the layman. Dr. Fay indicated that an attempt was made at the present meeting to do that, but it was difficult to get the message to many of the people, without discouraging them from attending the meetings at all. The format of the meeting will have to be determined by the Local Arrangements Committee and the officers of the GPC-14 Committee.

Dr. Robert Nowierski, Montana State University, was nominated for the next secretary, with the nomination seconded by Cal Messersmith. A unanimous vote was cast for Dr. Nowierski.

Dr. Lym indicated that the annual research reports of each state on leafy spurge have not been published in the proceedings. The annual report apparently only goes to the universities and to those who request it. It was suggested that copies of these annual reports be included with the proceedings along with the December issue of the newsletter. Dr. Lorenz moved and it was seconded that a request be sent along with the September newsletter to the effect that individuals also send their annual reports to Dr. Lorenz so that they may be mailed along with the newsletter. Motion passed. Dr. Bjustad indicated that there is a greater need to publicize the publications by the committee. Dr. Anderson indicated that the GPC-14 protocol has been rewritten and approved for the next five years. The Executive Secretary of the Great Plains Council has resigned and a replacement is being sought.

No further new business was proposed and the meeting was adjourned at 3:35 p.m.

Respectively submitted,

David G. Davis, Secretary,

GPC-14 Committee

1986 Minutes of the GPC-14 Meeting

9 July 1986
Riverton, WY

Discussions focused on locations for future meetings - Fargo, ND 1987

The possibility of holding the meeting in Bozeman, MT in 1988 was discussed. However, Dennis Clark read a letter from the South Dakota State Department of Agriculture to consider holding the 1988 meeting in either Rapid City or Spearfish, SD. This would allow farmers, ranchers, land managers, educators, and scientists in South Dakota to benefit from the new research and educational ideas generated by the symposium.

A motion was made and seconded to hold the 1988 meeting in South Dakota.

The motion was amended to include the nomination of Dennis Clark for VP of the committee in 1987 so that he will rotate into the President position when the meeting is held in South Dakota in 1988. The motion and amendment passed.

It was agreed that Bob Nowierski should remain as Secretary for the 1987 symposium so that he will rotate into the President slot in 1989 when the symposium will be held in Bozeman, MT. A formal motion to maintain Nowierski as Secretary in 1987 was made, seconded, and passed.

The problem of not enough money or left over money from the symposium was discussed. It was mentioned that the last time the symposium was held in North Dakota, several hundred dollars were left over which was used to help publish the leafy spurge newsletter.

A motion was made, seconded, and approved to rotate the GPC-14 checking account cash each year to the location of the local arrangements committee for the symposium.

It was suggested that the leafy spurge newsletter will only go out to those who have sent in their cards, expressing an interest in maintaining their subscription.

Administrative advisor Don Anderson mentioned that progress in leafy spurge research continues to be made and that the symposium continues to establish a communications link between the scientists and action agencies involved in working on the problems of leafy spurge control.

Anderson mentioned that there has been some changes in the organizational structure of the Great Plains Council.

Comments from Norm Landgren, Executive Director of the Great Plains Agriculture Council:

Well, I will cover very briefly what is evolving in terms of the structure. In 1985, in Fargo at the annual meeting, the council directed the objective committee to write a set of bylaws to set the future direction of the organization. This was done and the bylaws were unanimously approved in Bozeman last month at the 1986 council meeting. In terms of committees and task forces, this is what has evolved. There used to be a research committee and an extension committee and six standing committees in the

mittee and an extension committee and six standing committees in the council: water research, economics, forestry, wildlife, and so forth. The GPC-14 committee was formed by the research committee with annual reviews by the research committee and could be terminated or extended by the research committee. There is no longer going to be a research committee, there will no longer be an extension committee. There will be six standing committees of the council which will be the former standing committees reconstituted in membership plus a new committee called crops and soil. Now the membership of these committees will be able to form review-and-terminate task forces. A committee such as GPC-14 will be designated a task force. The concept of a task force is something that has limited life on a specific assignment, but the bylaws provide for the activities of this sort of a committee. A research coordinating committee, it would be reviewed every three years by the standing committee to which you are affiliated.

The Executive committee has not made a decision as to which standing committee GPC-14 would be affiliated, but it probably would be with crops and soil or range and livestock. I think there will be arguments made both ways. The sort of restructuring the executive committee had in mind was to break down the dichotomy between research and extension and to integrate the functions of research, extension and programs within a committee. Also to bring the scientists and administrators within that single committee together. So, during the present year, this transition will take place and the standing committees will be constituted and GPC will be a task force. As Don said, it should not affect what you are doing because it seems you have research and extension and state program agencies involved. This is precisely what the council is perceiving. I would not be too concerned about it.

Dow chemical has set up an account to help produce leafy spurge newsletters. Russ Lorenz, editor of the newsletter, mentioned that getting articles in on time was the biggest problem. He suggested that short articles were best.

The content of the newsletter was discussed. It was suggested that the newsletter still focus on spurge with a miscellaneous section to allow short research tidbits on Canada thistle, spotted knapweed, etc. The next newsletter will contain information from the symposium in Riverton, Wyoming. It was suggested that sending the newsletter out three times per year would be sufficient.

The proposal to APHIS for the development of rearing and redistribution program for biological control agents of leafy spurge was discussed by Gary Cunningham. He discussed the potential role of APHIS in the redistribution of biological agents on rangeland weeds. He mentioned that the implementation of biocontrol agents against rangeland weeds is a relatively new thrust by APHIS. He mentioned that the proposal will be refined this fall and by next year APHIS should have an implementation plan.

It was suggested that the Regional Membership Directory for GPC-14 should be updated with names, addresses and phone numbers and included in the proceedings.

It was suggested that the meeting should be moved to an earlier date, possibly to the Tuesday and Wednesday following July 4, 1987.

Respectfully submitted,

Robert M. Nowierski

GPC-14 Secretary