

The Plainsman

July 2000

Society for Range Management

Northern Great Plains Section

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Deadline for Next Newsletter

August 16, 2000

President's Message by Tammy DeCock

The response has been very positive for including the Presidents of each Chapter within our Section as part of our "governing body". We will move forward with this and include a ballot to amend our By Laws this fall with the ballots to elect new officers.

As our Section takes the "Journey to Change" with our Parent Society, our "governing body" has asked Ann and Paul Nyren to set up a Web Page for our Section. We will link it to the SRM National Web Page, joining 11 other Sections with links. Watch for our link (<http://srm.org>). I believe this will be very beneficial and a good way for us to stay in contact, and keep current on various range activities and tours occurring throughout our Section. I am very grateful for Ann and Paul so gracefully volunteering to undertake this effort. I know we can use this Web page to reach out to our membership and gain new members.

Our membership has finally stopped declining and has begun to gain a few members this past few months. Our May 2000 membership came in at 257. We had a membership high of 327 member in 1993 and a low of 221 members in 1999. The Northern Great Plains Section is currently the 4th largest Section. Much appreciation to Marshall Haferkamp for his dedication and work as our membership chairman. As well as a "Thank you" to all of you who have made the effort to talk to our lost members or introduce and explain SRM to new potential members. We need to keep this effort up. I believe we need to strengthen our partnerships and increase our benefits to all of our existing members. In light of Marshall's new editorial duties, I have asked Bernadette Braun in Lisbon, ND to be our new membership chairman. I challenge each of you to sign up a new member or invite a potential member to attend our fall meeting. Perhaps we can regain the membership we enjoyed in 1993.

The dates for our Section Fall meeting are October 10th (evening), 11th, and 12th in Lewistown, Montana. Our agenda is beginning to fill with exiting and informative speakers. We will be having this meeting jointly with the International Mountain Section, SRM.

We are designing our fall meeting not only to gain credits for our members who need continuing education credits for their Certified Range Consultant, but also to attract a larger audience. We will discuss the evolution of riparian habitats and associated rangelands from the time of Lewis and Clark's expedition to today. We will explore the political issues and resource management challenges of the "Wild and Scenic River" designation on the Missouri River. Watch our web site or see our next newsletter for list of speakers and tour times.

We will be having a silent Auction so please bring and/or solicit items to make this a fun and exiting auction (as well as help out our budget difficulties). More to come next newsletter on budget and funds to accomplish our mission with rangeland.

Message from Rod Heitschmidt-Second Vice President SRM

Greetings,

Just a short update on what is happening in the Executive wing of SRM. As many of you probably know, we are in the process of trying to streamline our administrative activities at our annual meetings. Previously, the Board of Directors (BOD) has met almost continuously throughout annual meetings. This year, however, we cut our meeting time back to a total of two days thereby giving us an opportunity to attend some of the sessions as well as making ourselves available to the general membership. But to do so, required we also streamline our committee reporting procedures. That has created some problems because some had the impression we no longer valued committee activities. Nothing could be farther from the truth in that our real goal was to empower committees "to do their thing" rather than wait for guidance from the BOD. As such, our policy now is that the BOD representative to a committee can approve/disapprove any committee activity other than: 1) spending money; and 2) developing policy. Both of those activities, for obvious reason, need BOD approval; otherwise, we want the committees to get after it!

We are also working out the details for restructuring committees. Our idea is to designate some committees as administrative and others as work groups/task forces. The administrative would run much like before with appointed members, chairs and chair-elects. A good examples of such a committee are the Nominations, Budget, or Finance committees. However, there is a large group of committees that we think would function very well if membership was open (i.e., anyone wanting to serve on that committee is welcome) and Chairs and Chair-elects are chosen by the committee members rather than appointed. This could also possibly lead to some new committees if several members want to tackle a given problem. The details of how all of this is going to work out has not yet been decided, but the idea is to empower our members to do they believe are most beneficial to our profession.

If anyone wants more detail in what we are trying to do, call (406)232-4970, write, or e-mail (rod@larri.ars.usda.gov) me. Also, if you have some ideas about how we can empower our members to move SRM forward, send me those comments as well.

Remember to send editors your email address. Sending via email saves the cost of copying and mailing and you get the Plainsman sooner.

Membership Report

As mentioned by Tammy, we have changed chairpersons of the membership committee, and the membership is increasing.

I would encourage each of you to look over the list of new and lost members. Congratulate and welcome the new members and try to recruit any of the lost members you might know.

New members: Mandy L. Alvino, John C. Kouns, F. Larry Leistritz, Peter L. Smith, Sonja N. Skovlin, David A. Pacioretty, Matthew J. Rlnella, Gene Goven, Sean McGrath, Scott A. Ressler, and Lee O. Voigt.

Lost Members: **In Canada:** Tracy Chanig, Neil Cory, Courtney Flaig, Brenna Grant, Chyanne Hawkins, Gordon Pearce, and William Poole; **In Montana:** Peter Kolb and Robert Swick; **In North Dakota:** Russell Haas, Thomas Hansen, and Wendell Vigan.

Certified Professional in Rangeland Management-Mike Brand

Time is short. Until December 31, 2000, you will not need to take the test to be certified provided that you meet all of the other requirements and have submitted the required documentation.

Jeff Burwell in the Denver office of SRM has been coordinating the Certified Professional in Rangeland Management program (CPRM). This is not the old range management consultant program, but rather a new program "[to certify individuals who have the professional credentials required to plan and implement sound management of rangelands as a means of improving the standards of professional expertise used in managing public and private rangelands."

If you have been reading the CPRM Certification Corner in The Trailboss News, you will see that the emphasis of this program is on education and training. To maintain your certification requires 32 hours of continuing education every two years. Continuing education can be a variety of activities such as field days, range camp instructor and short courses. Of course, continuing education credits will also be available at the annual SRM meetings.

This program can be a good tool to encourage education and improvement in range management skills. You can get more information by logging on to www.srm.org or by contacting Jeff Burwell at (303) 986-3309 or jburwell@ix.netcom.com.

Articles

NEW HYBRID BROMEGRASS WILL PROVIDE FORAGE PRODUCERS WITH PRODUCTION BENEFITS

Smooth brome grass (*Bromus inermis* Leyss.) has been a staple of Saskatchewan forage production since it's widespread use as a soil-stabilizing grass used to reclaim eroded farmland during the 1930's. Smooth brome grass is easy to establish, has high yield and forage quality potential, and is well adapted to most areas of the province. Smooth brome grass also has it's drawbacks, which include a tendency to become sodbound and unproductive over time. It has limited regrowth potential after cutting or grazing, and can be invasive, spreading into adjacent areas. Meadow brome grass (*Bromus riparius* Rehm.) has become a very popular grass, particularly for grazing. Advantages of meadow brome grass include rapid regrowth potential, reduced creeping and sod-forming, and much less invasive habit than smooth brome grass. One disadvantage of meadow brome grass is that it has a more basal growth pattern than smooth brome grass, consequently it is more difficult to hay.

Agriculture and Agri-Food Canada research scientists have been making crosses of smooth and meadow brome grass for some time, and have developed a hybrid brome grass that has recently been supported for registration in Canada. Seed will be available commercially in 2002. The hybrid, whose experimental name is S9197, will likely be called AC Knowles, in honor of R. P. Knowles, who did most of the development work on this variety. Selection criteria to develop S9197 from earlier crosses included increased vigor, greater regrowth and fall greenness, improved seed characteristics, and reduced creeping. Crosses were made in the greenhouse, as smooth brome grass and meadow brome grass flower at different times in the field, making natural crossing rare.

Hybrid brome grass has wider, more pubescent leaves than smooth brome grass. S9197 flowers later than meadow brome grass and earlier than smooth brome grass. Vigor is equal to or greater than the other brome grasses. Hay yield

of hybrid brome grass is greater than meadow brome grass and less than smooth brome grass. Table 1 summarizes 25 station years of yield data.

Table 1. Hay yield (two cut) of brome grass (kg/ha), 25 station-years

| Species | mean yield kg/ha | % Carlton | % Paddock |
|---------------------|------------------|-----------|-----------|
| Smooth bg (Carlton) | 7900 | 100 | 110 |
| Meadow bg (Paddock) | 7150 | 90 | 100 |
| S9197 | 7600 | 96 | 106 |

Regrowth potential of S9197 is superior to smooth brome grass, having faster regrowth up to 51 days after cutting. Comparative forage quality evaluations have indicated that S9197 has lower fibre content than the other bromes at vegetative stages. Protein levels in S9197 prior to flowering were similar to the other brome grasses, but were lower at flowering.

Seed production of S9197 is two thirds that of smooth brome grass, but 20% greater than that of meadow brome grass. Third year seed yields of S9197 were greater than meadow brome grass, indicating that it is a longer-lived seed producer compared to meadow brome grass, which characteristically produces two good seed crops.

Hybrid brome grass will provide Saskatchewan forage producers with a dual purpose grass that can provide good hay yields as well as providing quality pasture with good regrowth. S9197 combines the positive attributes of smooth and meadow brome grass into one package.

**Here is a report presented at the Western Range
Science Seminar hosted by the Lethbridge Research Centre of Agriculture
and Agri-Food Canada and Alberta Agriculture, Food and Rural
Development to put science in the hands of ranchers.**

Range beats high-input agriculture for energy efficiency

Lethbridge, Alta., Feb. 3, 2000: Agriculture is the business of converting solar energy into food and fibre for human use. But modern agriculture is too highly dependent on fossil fuels to be sustainable in the long term, says a leading U.S. range researcher.

"Feedlots are a luxury to those in the world who have cheap fossil fuels," Dr. Rod Heitschmidt told the Western Range Science Seminar held recently in Lethbridge.

Heitschmidt says the grazing of native range, compared to much of today's agriculture, is closer to the way nature intended ecosystems to work. In its purest form, it represents the oldest, most sustainable and most environmentally friendly form of agriculture. Today's intensive crop and animal production systems achieve their production because of a dependence on fossil fuels. These systems are not particularly efficient at solar energy conversion.

Energy from the sun is captured and stored by plants. In animal agriculture, humans use cattle, sheep, or other animals as brokers of that energy. Cattle eat the plants and humans later gain the food energy through meat. Each conversion process retains only a small amount of the original energy value, says Heitschmidt. The efficiency of that energy conversion, or the total energy in versus total energy out, decreases with fossil fuel dependence.

Heitschmidt points to a study comparing corn production in Mexico and the U.S. The small Mexican farm was fully sustainable, using only manual labour. The U.S. corn production, dependent on fertilizer and equipment, had yields nearly four times greater than those of the Mexican operation. But the U.S. farm was only one quarter as efficient in terms of transferring solar energy to human food energy.

Grazing cattle on native range has long been held as one of the most efficient ways to capture solar energy for human use. But in the northern prairies, even grazing is not overly efficient in terms of solar energy capture. Although its fossil fuel inputs are limited compared to other forms of agriculture, costs of range maintenance such as fencing and fertilizer, and cow maintenance costs such as winter feed mean range agriculture is dependent on fossil fuels.

Fossil fuels are a finite resource, says Heitschmidt, and that's why all of agriculture should learn from the sustainable practices inherent to range grazing. "We should strive to maintain or improve yields, while decreasing energy inputs and

increasing ecological efficiencies," he says.

There are possible solutions to the problem, says Heitschmidt. Animal breeding could produce more efficient animals able to turn low-quality forages into valuable food without requiring significant fossil fuel input. Even a slight increase in the efficiency of solar energy capture would make a major difference in sustainability.

We accept articles from members. Please send them to the editors.

Be sure to read your June 2000 Rangelands. There is a lively discussion via letters relative to the article 'Short Duration Grazing: The facts in 1999' by Holechek et al. In the February 2000 Rangelands. Give these folks credit for speaking out on what they believe.

Chapter and Local News

2000 Governor's Range Tour, Montana-Val Robertson

Where: Columbus, Montana on September 6 and 7. The tour, hosted by the Stillwater and Yellowstone Conservation Districts and the Stillwater Range Association, includes: Sept. 6, bus tour-Salinity Reclamation Project at Lane Properties, Range Nutrition Project, Alternative Livestock (buffalo), Alternative Forages and Drought Management Issues at the Keating Ranch; Banquet dinner with featured speaker, John McLain, SRM President, Keynote speaker Governor Marc Racicot (invited) and entertainment by Stephanie Davis and "A Rhythm Runs Through It". Sept.7: Billings Area Chamber of Commerce Ag Committee Breakfast with featured speaker Bud Leuthold, Cream of the West; bus tour - Stillwater Mining Company, Winter Grazing System; Portable Electronic Scale at the Noel Keogh Ranch; Biocontrol of Noxious Weeds (using sheep and insects). Registration costs are \$25 before August 25 and \$35 after August 25. This cost includes meals, entertainment and transportation. For more information, contact Barbara Berry at (406) 322-5359 ext. 101 or Laverne Ivie at (406) 247-4420.

24th Annual Montana Range Days-Keith Klement

This year marked the 24th Montana Range Days. For the second straight year it was held in Ekalaka, Montana. Dates for this event were June 19-21, 2000. Hosts were: The Carter County Conservation District, Carter County Range Committee & Northern Ag Network.

Over 300 were in attendance at this year's event. Ages ranged from 4 to adult. Individuals were separated into several age groups. Divisions included: Beginning Buckaroos (ages 4-8), Super Starters (9-11), Wranglers (12-13), Youth (14-19), Adult, and Ranchers. The Youth Division was broke into FFA, 4-H, and Open. Adults also had several options to chose; Open Adult, Rancher Division, Rancher College (no contest), and Management Tour Groups (no contest).

The first day (June 19th) involved registration and setting up sleeping quarters (mostly tents and campers). The second day (June 20), divisions from Beginning Buckaroos to Open Adult, involved rotating through various range workshops including; Plant Anatomy and Identification, Range Sites/Soils, Inventory/Monitoring, Range Planning, and Stocking Rate/Utilization. Several adults were busy with management tours (Mine Reclamation, Maximizing Returns, and Integrated Weed Management). While all these groups were busy learning new skills and sharpening old ones, the Rancher's Range College had there own agenda. Rancher Range College Agenda: June 20 - Plant Morphology and Physiology, "How Plants Grow."; Principles of Grazing Management, Plant Identification, Range and Livestock Nutrition—Newest Research and Technology, Rangeland Economics—What Stocking Rate Maximizes Profits?; June 21 - Evaluating Trend—A Hands-On Workshop; Similarity Index and Discussion of NRCS Technical Range Site Descriptions; Ponderosa Pine Encroachment—A Look at Southeastern Montana's Thinning Options; Ranch Planning Exercise—Putting it all Together...; Evaluation of Program.

Also, many youth participated in illustrated talks, plant collections, displays, and contests.

For more information and to view some sites of the 24th Montana Range Days in Ekalaka, visit their web site at www.mt.nacdn.net/carter.

Montana Range Days (MRD) Booster Club

Dave Kelsey (406)669-3115 and Taylor Brown (406)252-6661 are seeking charter members for this new Club. The purpose of the group will be to foster range education, promote Montana Range Days, and help grow the permanent educational foundation.

Future goals include:

1. Develop a fund to help pay travel expenses for range teams that represent Montana to attend regional and national range contests.
2. Expand the MRD college Scholarship program beyond the \$500 scholarship that MRD now funds.
3. Expand advertising and awareness of Montana Range Days throughout the state.
4. Purchase an enclosed cargo trailer to transport and house most of the MRD materials used at MRD sites, such as signs, easels, and workshop materials

To join and help a worthy cause, send \$20 for an individual membership, or a larger donation, to Montana Range Days, Inc., Box 1742, Billings, MT 59103. MRD is a non-profit corporation.

North Dakota Chapter

Giving Voice to the Prairie - Leland Schoon

As I write this, we are in the middle of our annual Youth Range Camp in the beautiful ponderosa pine Badlands of North Dakota. The Western wheatgrass and Big bluestem continue to grow with recent rainfall in June. Congratulations to everyone who has made efforts to educate our youth and grown-ups in rangeland and grazing management.

I would prefer to address the article on rangeland leadership opportunities. Please remember to complete your certified Professional in Rangeland Management application with our parent society. This is a wonderful opportunity to become certified at a fraction of the cost and to punctuate your knowledge and experience.

Serving as ND Chapter SRM President has been a privilege while working with an exceptional executive board. I would like to excite every member to consider running for an office in September. Whether you are new to the Society or not, providing your knowledge to the ND Chapter as President-elect or Secretary/Treasurer is a NEEDFUL thing. Working together makes the task very simple.

Annual Meeting and Tour Mandan, ND-September 15 & 16, 2000

Join us for our Annual ND Chapter Meeting & Tour! Come and learn from Steve Cote, a Range Conservationist with the Natural Resources Conservation Service out of Butte County, Idaho, as he teaches us the concept of Low Stress Livestock Handling. Learn new ways to manage our rangeland resources.

Friday, September 15

- 6:30 Registration
- 7:00 ND Chapter Business Meeting
- 9:00 Crazy Auction

Saturday, September 16

- 9:00 Registration
- 10:00 Low Stress Livestock Handling Tour
- 12:00 Lunch
- 1:00 Low Stress Livestock Handling Tour Continued
- 3:00 Tour Concludes

Accommodations: Specific location will be announced at a later date.

Registration: No need to preregister, simply come, register at the door, and enjoy the meeting.

Questions: Contact Cheryl Doll (701) 667-1163 Ext. 3

**Prairie Parkland Chapter
Minutes of Annual Business Meeting
June 14, 2000, Manitou Lake**

Michel Tremblay called the meeting to order. Fourteen members were present.

Brendan Kowalenko was not in attendance. Al Foster took minutes for the meeting.

Michel reviewed the minutes of the 1999 Annual Meeting.

Dale moved a correction to the motion to wave the audit from 1998 to 1999. Grilz/Nykoluk Carried

Motion: Accept minutes as corrected. Grilz/Nykoluk. Carried

Old Business

No old business was discussed.

Reports

President

Another year has quickly passed. The Prairie Parkland Chapter has remained busy with a number of activities. Members participated in the "Romancing the Prairies" meeting and tour in the Cypress Hills, in particular assisted with the Range Condition and Assessment Workshop. Youth activities included assisting with the Cattle dogs and Kids Show at Agribition, hosting High School Youth Camp, and sent High School Youth Forum delegate to annual SRM meeting in Boise, ID. The Chapter was represented on the newly formed Lands Branch Policy Stakeholder Working Group.

Future challenges: SRM has come through a period of declining membership and soul-searching. It appears that membership has stabilized somewhat, however there are several members in the Prairie Parkland Chapter that have let their memberships lapse. Please consider what SRM has to offer in terms of technical update and networking, and renew your memberships. In order to provide industry and governments with a "contact" for the rangeland business, and ultimately improve the conditions, and organization that represents the resource in an informed and unbiased fashion is necessary. I believe that SRM has done this in the past, and can continue to do this in the future.

Financial - Brendan Kowalenko

Youth Account - June 5, 2000

| | |
|---|---------------|
| Balance forward (December 31, 1999) | \$6,627.87 |
| Income | 0 |
| Expenses | |
| GIC investment | 4,000.00 |
| Airline ticket for Apryl Barr, Youth Forum Delegate | <u>929.62</u> |
| Total Expenses | 4,929.62 |
| Balance (June 5, 2000) | \$1,698.25 |

Assets: \$4,000 redeemable, one year GIC to the CIBC

Regular Account - June 5, 2000

| | |
|-------------------------------------|--------------|
| Balance forward (December 31, 1999) | \$2,276.21 |
| Income | |
| Section rebate | <u>73.01</u> |
| Total Income | 73.01 |
| Expenses | |
| Incorporation fee | 10.00 |
| Framing print for Bismarck | <u>97.18</u> |
| Total Expenses | 107.18 |
| Balance (June 5, 2000) | \$2,242.04 |

Current Assets: Audio Visual Display, Planters. Current Liabilities:

Motion: Waive the 2000 audit, assuming that the financial records are in order. Weisbrot/Pastl Carried

Newsletter

65 - 70 newsletters sent out. Marshall Haferkamp took over as editor in February 2000. Half of the newsletters are now sent to members by email.

Manitoba

No report provided. Looking for a new Manitoba representative to replace Paul McCaughey who may soon be moving to take his MBA.

Youth Report- provided by Chris Nykoluk on behalf of Bill Houston.

Summary of the 1999 Youth Range Camp-The Prairie Parkland Chapter held the 1999 Range Youth Camp on September 11-12 at the Beaver Creek Camp, south of Saskatoon. Thanks to the following instructors: Brendan Kowalenko, Tyler Colberg, Andy Hammermeister, Renny Grilz, Barb Hanbidge, Jody Kaufman, Tracy Chanig, and Anna Leighton. Attendance at the camp (8 students) was down somewhat from previous years, perhaps due to cool, wet weather and the late harvest. Hopefully an interview with a local television station will increase the profile of the camp and will increase the attendance for this year's camp. There is a lot of support for this initiative as we had 14 sponsors for the 1999 camp.

High School Youth Forum-Apryl Barr from Mervin, Saskatchewan, represented the chapter at the 2000 High School Youth Forum at the SRM annual meeting in Boise, Idaho. Apryl's presentation was titled "Water Conservation Through Vegetation Management". The chapter was unable to arrange a ride for Apryl so we paid her airfare to Boise.

Gerald Sharp Memorial Scholarship-Ms. Cheri Sykes from Saskatoon, Saskatchewan was the 1999 recipient of the scholarship for the chapter. Thanks to Dr. Jim Romo for coordinating this effort.

Upcoming Range Youth Camp - Sept. 16, 2000-This year's camp will be a one day event at the Saskatchewan Landing Provincial Park. Copies of the registration pamphlets for the camp are now available at the Saskatoon DU office. Please distribute them to anyone that may be interested in attending. This year's camp will be organized using a committee approach. Thanks to the organizing committee: Tracy Chanig, Tyler Colberg, Renny Grilz, Andy Hammermeister, Barb Hanbidge, Bill Houston, and Jody Kaufman.

Record of Youth Activities-A record of youth activities in the chapter has been initiated. This record will include details of the Range Youth Camp (when, where, and attendance), a list of High School Youth Forum delegates, and a list of the winners of the Gerald Sharp Memorial Scholarship. This record should be kept up to date by the Youth Activities Director.

Elections

Motion: Brad Webb for the position of Secretary/Treasurer, which is being vacated by Brendan Kowalenko.

Motion: Nominations cease. Pastl/Lennox. Carried

New Business

Michel provided information on the Lands Branch Stakeholder Forum. He asked for a nominee from the membership to be the Society for Range Management representative. Michel is presently the Range Management representative on that stakeholder group, but would like someone with an arms length relationship with Government to take over.

Chris Nykoluk brought forward an idea for raising money. Possibly re-print the plant identification book, Prairie Grasses.

Daryl Nazar discussed putting on a short course on plant identification that the Society for Range Management could run for a fee.

Motion: Chris Nykoluk and a committee of her choosing will investigate the opportunity of reprinting Prairie Grasses as a fund raising activity. Curry/Lennox Carried

Michel will investigate the opportunity for a plant identification school.

Location and date of 2001 meeting and town has been set as mid June in the North West.

Dale and Michel discussed the Certified Range Management Consultant Program and how meetings like this Society for Range Management Annual Meeting may possibly be used toward accreditation.

Michel expressed the thanks of the entire Society for Range Management, Prairie Parkland membership to Brendan Kowalenko for his work within the Prairie Parkland Chapter. He wished Brendan all the best in his new job in Peace River Alberta.

Motion: Meeting adjourned. Carried

Range Youth Camp-Bill Houston

Recognizing the importance of educating our youth in the proper stewardship of the rangeland resource, the Prairie Parkland Chapter is organizing a Range Youth Camp on **September 16, 2000 at Saskatchewan Landing Provincial Park**, North of Swift Current, Saskatchewan. With the help of volunteers and donations from organizations and businesses, the cost of the camp has been kept to a minimum for students.

The camp is open to students from **Grades 8 to 12**, who are interested in learning about rangeland resources. Previous camps have produced students that have competed and won awards at international SRM meetings at both the high school and university level.

This will be the 7th Range Youth Camp that the Prairie Parkland Chapter has organized since 1993. This year's camp promises to be educational and fun. **The camp begins at 9 am, on Saturday, Sept. 16 and winds up with a barbecue at 5:30 that afternoon.**

Topics to be covered include...

| | |
|----------------|---|
| Rangeland | -What is it? What is it used for? |
| Soils | -How do you determine soil texture? |
| Plants | -How do you identify them? |
| Wildlife | -What is the wingspan of a pelican? What is a marbled godwit? |
| Riparian areas | -What are they? |
| Livestock | -How do you determine the number of cows to graze on your land? |
| Careers | -What kind of jobs are available in rangeland management? |

Registration fee is \$10 and includes a BBQ. Registration Deadline is Sept. 9, 2000

For more information or a registration form, contact:

| | |
|---------------|----------------|
| Bill Houston | (306) 780-6051 |
| Tyler Colberg | (306) 242-2555 |

Calender of Events

July 20-23 , 2000, SRM Summer Meeting, Lacombe, AB, Contact: SRM Office, Denver, CO.

September 6-7, Montana Governor's Range Tour, Columbus, MT, Contacts: Barbara Berry (406)322-5359 ext. 101 or Laverne Ivie (406)247-4420

September 15-16, North Dakota Chapter Meeting and Tour, Mandan ND, Contact: Cheryl Doll (701)667-1163 ext. 3

September 16, Prairie Parkland Chapter Youth Range Camp, Saskatchewan Landing Provincial Park, north of Swift Current, Saskatchewan, Contacts: Bill Houston (306)780-6051 or Tyler Colberg (306) 242-2555

October 10-12, 2000, Joint Section Meeting with International Mountain Section, Lewistown, MT, Contact: Tammy DeCock

December 4-6, 2000, Animal Feeding Operations, Denver, CO, Contact: Ron Schierer (785)899-3070
ron.schierer@ks.nrcs.usda.gov or visit web site at www.highplainspilot.com

December 7-8, 2000, Western Canadian Grazing Conference, Contacts: Greg Griffin (780)835-2291 or Cathy Hendrickson (403)782-8030