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Relevant Articles from last SheepSense

To review articles in our
November issue of
SheepSense, [click here](#).
Articles include:

- Sheep Immunology 101
- Feeding your Flock
- Controlled Lambing
- Genetic Evaluations

Manitoba Sheep Association

5203 Clarence Rd
Narol, MB, R1C 0B8
(204) 421-9434
mb@mbsheep.ca

Message from the MSA Chairperson

Submitted by: Sheri Bieganski

Happy N'Ewe Year to Everyone!

For those of you who don't know me, my name is Sheri Bieganski and I am your newly elected Chairperson for 2019. Our family operates Shereff Stock Farms near Carberry, MB where we have a flock of Purebred Registered Polled Dorset and Suffolk sheep as well as a commercial herd of cattle. I am pleased to be in the Chairperson position and am looking forward serving our Board and Membership. Any questions, don't hesitate to call!

I hope you are all managing to stay warm. This winter certainly has been one of some extreme cold temperatures and windchills. It is sometimes tough on us as shepherds tending our flocks to stay positive about the weather, but the days are getting longer and it feels like some light at the end of the tunnel that spring will come soon. It is also tough on our stock. I want you to remember that if you feel that you need some help, whatever it may be, please feel free to contact your local Director, our Executive Director, myself or the new Manitoba Ag Sheep Specialist. Yes, that's what I said, Sheep Specialist! We are very pleased and excited to announce to our team, Linda Fox as Mb. Ag Sheep Specialist. Linda will be transitioning from her current position with Manitoba Agriculture to her new position in April. Wray Whitmore and Rob Berry are still dedicated to help us to answer any questions you may have in the meantime.

I would like to thank all who attended our 2018 AGM and Symposium in Portage la Prairie, and those of you who took the time to fill out our survey. Communication is key in our role to serve our membership. If you are not receiving updates from the MSA, please call any of us and we will make sure that you are added to the ever-growing list. Make sure to let us know if you do not have internet and we will mail the Sheep Sense publication to you. We are currently working on a new website for the Association which will be much more user friendly and will encompass more educational information and reference material, so keep a watchful eye!

Continued on next page...

Continued from Page One: MSA Chairperson Report

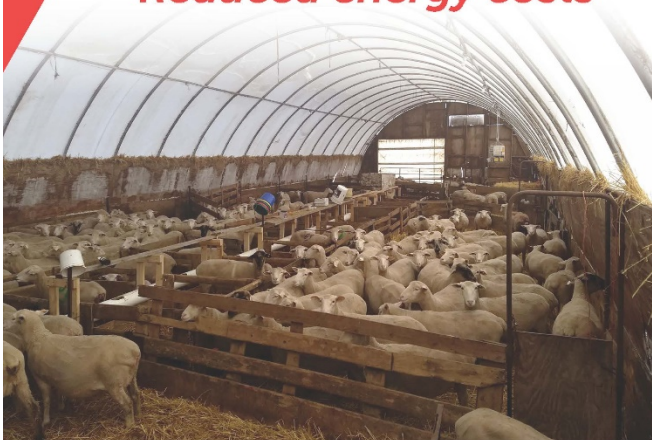
The Board has been busy planning events for 2019 and feel that we have some great educational seminars coming up. The first of those will be a lambing workshop in March with Dr. Rueben Neumier DVM, stay tuned for further details. The Royal Manitoba Winter Fair is on from March 25-30th in Brandon which we will be attending with a larger expanded display. We will be needing some volunteers to help out, so, if you want to attend the fair and can give us a bit of your time, a free admission ticket and T-shirt is yours for the taking. You can contact either myself, or Kate for more details. Stay tuned for more dates on upcoming workshops and seminars.

I would like to send out a BIG Thank-you to our MSA directors and staff for all of your time and effort. Without you, the functionality of our board would not be what it is today. Also, to our membership for your continued support in the Manitoba Sheep Association. I wish you all a happy and prosperous lambing season!

Sincerely,
Sheri Bieganski
MSA Chairperson

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Message from the MSA Executive Director

Submitted by: Kate Basford

Way to go Manitoba Sheep Producers. Keep up the good work and continue to grow the Manitoba Sheep Industry and the Canadian sheep Industry.

The Manitoba sheep industry continues to be a huge part of Canada's shifting livestock population. With livestock numbers continuing to decline across the country, including sheep numbers except for Manitoba.

2019 may very well see Manitoba as the top producing province within the Canadian Sheep Federation, as Quebec, Ontario and Alberta continues to exclude themselves from the CSF, Canada's national sheep organization. Those of us within the CSF and involved at the federal level are still wondering to what benefit. We all could accomplish so much more working together. MSA and the other CSF members continue to strive and work towards national unification.

2018 saw an increase of 11.2 % of the total sheep numbers for July 1st and a 13.5 % increase in sheep over 1 year of age from 2017 and 141 new producers. Manitoba has increased its numbers by 52.5 % since 2014, well most provinces saw decrease of 10 to 15%. Manitoba is currently tied with Saskatchewan for 4th place national production ranking in Canada for 2018. Let's see what 2019 holds for Manitoba.

The MSA board has full representation from all the districts, each bringing a range of skills sets and knowledge of the sheep industry to the MSA table - The makings of a great team. I am so looking forward to working with them to advance the MSA, its producers and the Manitoba sheep Industry. Thank them for getting involved and all the volunteer work that they do. Thank – you to Lee Hurton, MSA office Manager for her work in the office, face book, website and sheep sense. The 2019 MSA Executive was elected at the MSA board meeting in January.

MSA Chairperson - Sheri Bieganski
MSA Vice Chair - Morgan Moore
MSA Treasurer - Ralph Borst

The MSA sits on several committees both Provincial and National levels, as well as within its own organization.

- CSF & its various committees – Morgan Moore (VP- CSF)
- KAP & its various committees - Guy Bouchard
- MFGA & its various committees - Colin Hunter
- Livestock Predation Protection WG – Guy Bouchard
- Animal Care Committee – Morgan Moore
- AAFC SHVCRT WG's – Morgan Moore - Market Access
- Kate Basford - Profitability, Social License

The MSA has been lobbying the Mb government to ensure advances in the Manitoba sheep industry and its producers. We met with Minister Eichler in the fall requesting a designed Sheep Specialists and more funding for sheep producers through the Ag Action Manitoba. To date no word on more funding for sheep but I am pleased to announce that Linda Fox will move into the MB. Sheep Specialist position in April 2019. Linda brings much knowledge and experience to the position. See Linda's Biography for more details...

Continued on page 5...

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MSA has also been lobbying for better access to drugs labelled for sheep, Independent accredited ultrasound technician and the government review of funding to the Western Veterinarian College.

Last week, MSA met with Minister Eichler. Discussions centered on MSA being regulated under the MB Farm Products Marketing Act instead of the MB Ag Producers Funding Act. This move would better align MSA to be regulated under the same act as all the other Livestock commodity groups, enable MSA to pursue the establishment of an enhancement board and work towards greater financial stability. The meeting was very positive with the Minister supporting MSA move to the MB Farm Products Marketing Act.

MSA had a busy fall with district meetings, starting sheep workshop, sheep bytes workshop, Symposium and AGM and

attendance at the AAFC Sheep Value Chain round table. All the events had good turnout, evaluations were positive and producers gained valuable information to take by to their operations. Currently MSA is working on its 2019 programming, if you have any suggestions, please let me know.

MSA has expanded its representation and promotion of the sheep industry to potential new producers. In December, MSA had a booth at the Prairie Livestock Expo. MSA promoted the Manitoba sheep industry as a viable, sustainable and profitable industry, highlighted its growth and the Manitoba advantage. It was a good event, got to speak many people interested in sheep and wanting to know more.

This year, MSA will continue to promote the sheep industry, the great work its producers are doing raising sheep using safe and humane practices, its growing fiber industry and eat fresh Manitoba Lamb to the general public at the Royal Manitoba Winter Fair in Brandon. Last year the 7-day event was a great success and was made possible by a group of great volunteers. It was a good mix of volunteers, sheep producers, spinners, knitters and those wanting to promote and learn more about the sheep.

MSA is looking for volunteers to help at Manitoba Royal Winter Fair once again to put in a few hours or the whole day, you will receive a Day pass to the winter fair and a free MSA T-Shirt. If you are interested - please call or email. it would be great to see you there.

MSA Executive Director, Kate Basford can be contacted at ed@mbsheep.ca or by calling 204-421-9434



Jan 11/19 - MSA Exec met with Minister Ralph Eichler to discuss MSA being regulated under the MB Farm Products Marketing Act
From left: Morgan Moore, Sheri Bieganski, Minister Eichler, Kate Basford

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The Wind Chill Factor – For Reference

The wind chill factor indicates the enhanced rate at which the body will lose heat to the air.

Wind chill is an apparent temperature, it takes into account moisture in the air, wind speed, and the actual air temperature. Taking these measurements into account, there is still variables that can't be accurately measured. Such as the animal's ability to maintain its own body heat, which is affected by the animal's diet, access to water, stress, housing and the animal's health status.

WIND CHILL CHART													
AIR TEMPERATURE (CELSIUS)													
	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55	-60
10	-3	-9	-15	-21	-27	-33	-39	-45	-51	-57	-63	-69	-75
15	-4	-11	-17	-23	-29	-35	-41	-48	-54	-60	-66	-72	-78
20	-5	-12	-18	-24	-31	-37	-43	-49	-56	-62	-68	-75	-81
25	-6	-12	-19	-25	-32	-38	-45	-51	-57	-64	-70	-77	-83
30	-7	-13	-20	-26	-33	-39	-46	-52	-59	-65	-71	-78	-85
35	-7	-14	-20	-27	-33	-40	-47	-53	-60	-66	-73	-80	-86
40	-7	-14	-21	-27	-34	-41	-48	-54	-61	-68	-74	-81	-88
45	-8	-15	-21	-28	-35	-42	-48	-55	-62	-69	-75	-82	-89
50	-8	-15	-22	-29	-35	-42	-49	-56	-63	-70	-76	-83	-90
55	-9	-15	-22	-29	-36	-43	-50	-57	-63	-70	-77	-84	-91
60	-9	-16	-23	-30	-37	-43	-50	-57	-64	-71	-78	-85	-92
65	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-79	-86	-93
70	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-80	-87	-94
75	-10	-17	-24	-31	-38	-45	-52	-59	-66	-73	-80	-87	-94
80	-10	-17	-24	-31	-38	-45	-52	-60	-67	-74	-81	-88	-95
85	-10	-17	-24	-31	-39	-46	-53	-60	-67	-74	-81	-89	-96
90	-10	-17	-25	-32	-39	-46	-53	-61	-68	-75	-82	-89	-96
95	-10	-18	-25	-32	-39	-47	-54	-61	-68	-75	-83	-90	-97
100	-11	-18	-25	-32	-40	-47	-54	-61	-69	-76	-83	-90	-98

	0 to -9	Low possibility of frostbite
	-10 to -25	Risk of frostbite within 30 minutes of exposure
	-26 to -45	Increasing risk of frostbite within 10 to 30 minutes of exposure
	-46 to -59	High risk of frostbite within 5 to 10 minutes of exposure
	Above -60	High risk of frostbite within 2 minutes of exposure

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CONTACT MSA

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204-421-9434

MSA is please to announce:

Linda Fox

Sheep Industry Development Specialist
Manitoba Agriculture
cell: 204-647-7747
email: linda.fox@gov.mb.ca



Linda hails from a fourth-generation commercial livestock and grain operation in the Midwestern United States. After leaving the farm, agriculture continued to be a focus for Linda as she attended university at Wilmington College of Ohio, Oklahoma State University and Lincoln University of New Zealand graduating *magna cum laude* with degrees in Agriculture and Communications. Her focus was animal science and following her formal education, Linda worked in the private sector serving and advising clients regarding financial, agronomic and livestock production principles. In this capacity, Linda presently works as the Sheep Industry Development Specialist for Manitoba Agriculture. In addition, she and her husband, Ben, also own and operate a cow/calf and sheep operation southeast of Dauphin, Manitoba.



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Submitted by: Jen Vervoort



Sheep and lamb producers know the success of their flock depends on their ability to manage and evaluate their efforts. To help the industry achieve this goal, we are offering a powerful sheep software program. This program allows producers to improve profitability by measuring and recording data, as well as producing functional **reports** in a timely manner. **“You can’t manage what you don’t measure”**

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With a web direct interface with ATQ, CCIA and file transfers with GenOvis, **EweManage** offers hassle free transfer of animal data. The connection to ATQ and CCIA will assist with your traceability needs. The simple Uploads and downloads to Genovis for genetic evaluations offers, full pedigree charts (with full Genovis data) and performance evaluations at the touch of your finger. EweManage has the ability to complete electronic registrations with CLRC and offers access to the Canadian Veterinary Product Compendium at no added cost.

A few of the time saving features include the option to record treatments to individual animals or apply to a group and use the flock management calendar to keep your operation on a schedule. **EweManage** software allows quick & easy viewing of current or historical information on your individual animals. Highlighted features include:

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Continued on next page...

Continued from Previous Page: EWEManage

Even though **EweManage** was designed for sheep records, goat producers are using it for their goat records as well.

Use **EweManage** to improve your flock reports and identify the most productive ewes and rams in the flock. By consistently recording health and performance information, you are able to make comparisons, rank animals and correlate management practices to expenses and prices received. Comprehensive set of reports for ewe or lamb inventory, Sales, Animal Health and weight gains. Enter a treatment for one animal or the same to the entire flock or selected group of animals.

The **EweManage** program is designed to be as simple to use or as powerful as the producer needs to get the right information out of your data. You will be added to the **EweManage** Google group so you can follow along with some frequently asked questions. Our philosophy is the program can always be improved. So, by asking questions and giving feedback, you allow us to identify areas to concentrate on, and enhance the software. **EweManage** is manufacturer independent, thus compatible with all current EID readers and supports Tru-Test and Gallagher electronic scales.

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MSA Annual General Meeting Recap

Submitted by: MSA Staff



The MSA Annual General Meeting took place on Saturday, November 17, 2018 at Stride Place in Portage la Prairie. Over 50 producers attended the AGM - it was great to see so many engaged in their association and the sheep industry. The AGM included an introduction of the current MSA Board, reports by the MSA Executive on the 2018 activities, the 2017 financial review, 2018 financial update and the 2019 proposed budget.

Six resolutions were presented to membership at the meeting and 5 were carried (approved) by members in attendance. A resolution to amend the MSA bylaw, which updated the MSA bylaw to reflect the association current position, was also passed. Please see website for the 2018 amended MSA bylaw.

The resolutions, as presented, were:

Resolution # 1 - MSA Website should include a section for Fresh Manitoba Lamb products. Defeated.

Resolution # 2 - Mb Ag should greatly reduce the timelines of the approval process for the AG Action Manitoba Program – Sheep Production and for Organizations. Carried.

Resolution # 3 - Amend MSA bylaw 4.03 *Nomination, Election and Term* to define the election process of district representatives. The districts and the director's at large election to be split between the even and odd years of the Calendar to prove a rational turnover of board members. Carried.

Resolution # 4 - Manitoba sheep producers receive carcass data information captured through the harvesting and processing of Lambs, using CSIP RFID tags. Carried.

Resolution # 5 - Enable Non -Veterinary Certified Ultrasound Technicians to perform pregnancy diagnosis on sheep on a fee for services basis in Manitoba. Carried.

Resolution #6 – The Manitoba Sheep Association Check – off be non-refundable. To enable MSA to have more financial stability to ensure the enhancement and growth the Manitoba sheep industry and its producers. Carried.

Thank you to all those producers who attended the Annual General Meeting. See you in 2019!

<p><i>Clifford Flynn</i> <i>204-733-2410</i> <i>Makinak, MB.</i></p>	<p><i>Breeder of</i> <i>Registered & Commercial Rams & Ewes</i></p> <ul style="list-style-type: none"> • <i>NC Cheviot</i> • <i>Dorset (Horned & Polled)</i> • <i>Shropshire</i> • <i>Oxford Down</i>
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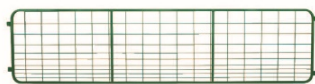
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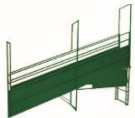
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Ewe Management Tips: Mid & Late Gestation

Provided by: Scott P. Greinger, Extension Animal Scientist, Sheep, Virginia Tech

Proper management and nutrition of the ewe flock during mid and early lactation are critical for optimizing flock productivity and profitability. Balanced nutrition, coupled with proper management during gestation is important for fetal development, lamb vigor and survival at birth. Additionally, proper nutrition during gestation is important to prevent nutritional disorders which may impact the health and performance of the ewe and her lambs, and influences milk production of the ewe.

There are several factors that affect the nutritional needs of the ewe during gestation, with primary considerations for: 1) age, 2) weight, 3) body condition, 4) stage of gestation (early-mid vs. late), and 5) fetal number (single, twins, triplets). Nutrients of primary interest include energy (TDN), crude protein (CP), calcium, and selenium.

Following breeding, there is a relatively small increase in ewe nutrient requirements during the first 15 weeks of gestation. Requirements for a 175 pound ewe during early and mid-gestation are 55% TDN and 9.4% crude protein on a dry matter basis (at an intake of 3.3 pounds dry matter per day). Often, ewes are grazing during early gestation, and in most cases forage alone will meet or exceed their nutritional needs, and in many cases ewes will gain weight during this period while grazing fall pastures. For winter-lambing flocks, ewes will make the transition from pasture to a diet of harvested feedstuffs during mid gestation.

When feeding hay becomes necessary, it is important that the quality and quantity of hay being fed be closely considered. To properly balance rations and control costs, an accurate forage analysis should be conducted on all hays. There can be significant variation in hay harvested from the same field at the same time, and certainly from one cutting to another. Average quality grass or grass-legume hays typically will meet the ewe's requirements during mid gestation, and if ewes are allowed to consume all the hay they will eat many hays will supply considerably more nutrition than required. This emphasizes the importance of saving high quality hays for feeding during lactation, when ewe nutrient requirements are much higher compared to gestation. If high quality hays, such as alfalfa, are fed during mid gestation it is important to limit intakes. Overfeeding during this period is costly, and may also result in over-conditioned ewes leading to complications later in the production cycle (ketosis, lambing problems).

Approximately two-thirds of the birth weight of a developing fetus is gained during the last six weeks of gestation. As a result, the nutritional requirement of the ewe for both energy and protein increases during this time. For a 175 pound mature ewe, TDN requirements increase to 57-66%, compared to 55% during early gestation. Similarly, crude protein requirement increases to around 11%. The most critical difference is the increase in energy requirement, particularly during the two weeks prior to lambing. Inadequate nutrition during late gestation may result in pregnancy ketosis, light birth weights, weak lambs, and lower milk production. Energy and protein requirements are also influenced by expected lambing rate, with increased requirements for ewe carrying multiple births. In larger flocks, ultrasound diagnosis of fetal numbers can be an excellent management tool by creating an opportunity to feed ewes carrying singles vs. twins vs. triplets separately. Total energy intake requirements in late gestation increase 16% for twin and 31% for triplet-carrying ewes compared to ewes carrying singles. Similarly, total crude protein requirements increase 23% and 45% for twin and triplet carrying ewes, respectively, compared to singles.

Continued on next page...

Continued from Previous Page – Ewe Management Tips

These increased requirements can be supplied by providing additional hay and grain for multiple birth ewes, and/or providing a more nutrient dense diet. Grain supplementation should begin earlier for multiple birth ewes (3-6 weeks pre-lambing) than ewes carrying singles (2 weeks pre-lambing). Many shepherds utilize the rule of thumb that ewes should receive one pound of grain supplement for each lamb they are carrying.

Selenium and Vitamin E are critical nutrients during gestation. Selenium is passed from the placenta to the fetus during late gestation, and proper selenium supplementation to ewes will assist in preventing white muscle disease in lambs. Selenium is often provided in complete mineral mixes offered free-choice (provide mineral specifically formulated for sheep). For flocks with a history of selenium deficiency, selenium should be added to the grain mix fed to ewes to insure intake. FDA regulates that selenium concentration in free-choice mineral mixes not exceed 90 PPM, and limits total ration concentration of selenium to 0.3 PPM (intake of 0.7 mg/hd/day). While selenium is a very important trace mineral that is required in small quantities, care should be exercised in formulation as higher intakes can be toxic.

Late gestation ewes with inadequate calcium intakes are prone to milk fever. The calcium content of grains is low, whereas forages such as alfalfa hay are generally higher in calcium. Calcium intake should be monitored closely, particularly when feeding corn grain and hay diets. Supplemental calcium may be provided through a complete grain mix.

Ewes should be vaccinated for clostridium perfringes types C & D and tetanus three weeks prior to lambing. Vaccination of ewes will provide protection to their lambs at birth. Deworming of ewes pre-lambing is also an important management tool to control parasites. Finally, inventory lambing supplies and prepare facilities well in advance of the lambing season. Early preparation for the lambing season will result in more live lambs saved and enhance potential profitability of the sheep enterprise.



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MASC Helps to Grow and Protect Your Flock

Submitted by: Kim Poschenrieder, MASC

The Manitoba sheep industry is expanding, and growing faster than anywhere else in Canada. More than 600 sheep producers supply the nearby markets for wool and lambs, and Manitoba is committed to supporting this vibrant and growing sector of the agricultural industry.

The Manitoba Agricultural Services Corporation (MASC) is proud to support a strong rural economy by offering loan and insurance programs that support the growth of the sheep industry and help mitigate production risks of raising sheep in Manitoba.

Direct Loans

MASC Direct Loans are a great way to get your operation up and running, or to expand or refurbish an existing farm. Loans of up to \$3.5 million are available, and may be used for a variety of purposes such as: the purchasing of farm land or buildings, new and used equipment, and breeding livestock; improvements to land or farm production buildings; consolidating or refinancing debt; and financing operating expenses.

MASC Direct Loans can have repayment terms of up to 25 years, with no penalties for early repayment.

If you're under the age of 40, you may be entitled to a Young Farmer Rebate of up to two percent on \$150,000 of principal for the first five years of an MASC loan (with a lifetime maximum rebate of \$15,000). You may also choose between 90 percent financing, which can significantly reduce your down payment, or five years of interest-only payments, which can ease your cash flow during the critical establishment phase of your operation.

Continued on next page...

Continued from Previous Page – MASC

Stocker Loans

If you are wanting to retain your lambs for feeding, then an MASC Stocker Loan may be what you are looking for. MASC Stocker Loans provide short-term financing for amounts of up to \$500,000. For sheep, repayment of a Stocker Loan is to be made upon sale of the livestock, or within five months of the loan's approval, whichever comes first.

Livestock financed by a Stocker Loan are considered the loan's security, and the program can cover the full price of the livestock purchase price.

Forage Insurance Programs

If you're growing your own forage crops for feed, MASC has a full complement of risk management programs that will protect the quantity and quality of your production. Select Hay Insurance provides maximum protection against production shortfalls and quality losses, while Basic Hay Insurance provides a lower cost whole-farm option that insures your winter feed supplies.

Forage growers who choose Select Hay Insurance are also eligible for the Enhanced Quality Option, which provides a higher quality guarantee (Relative Feed Value) for their alfalfa.

Whether you choose Select Hay or Basic Hay Insurance, you're also eligible for the Harvest Flood Option, which provides insurance for the inability to harvest Coarse Hay due to excess moisture.

All producers covered by either Select Hay or Basic Hay Insurance are eligible to receive the Hay Disaster Benefit, which compensates producers for increased costs of purchasing and transporting hay if there's a severe provincial forage shortfall, and the Forage Restoration benefit, which compensates producers who lose their established hay or forage seed crops due to excessive moisture.

MASC also has other more specific programs for forage growers, including Forage Establishment Insurance, Pasture Insurance, Pasture Days Insurance, Forage Seed Insurance, Greenfeed Insurance and Perennial Ryegrass Seed Insurance.

Wildlife Damage Compensation

MASC also administers Wildlife Damage Compensation, a program that reimburses producers for damaged crops and loss of domestic livestock. There is no premium or administration fee for this program as administrative and compensation costs are shared by the Province of Manitoba and Government of Canada. You do not need to have an MASC Agrilnsurance contract to be eligible.

The predation component reimburses producers for losses due to predation, for a portion of the animal's value. As of October 2018, the maximum value for sheep is \$425 for rams, \$300 for ewes, and \$162 for lambs, with producer compensation set at 90% of the animal's value. The crop damage component compensates producers for damages caused by migratory waterfowl and big game to crops, honey products and leafcutter bee products.

In the event of a loss of crop or livestock due to wildlife, you must report the incident to MASC within 72 hours. For predator claims, ensure any animal remains and the surrounding areas are not disturbed. If possible, cover the remains with a tarp and preserve any tracks. For claims on crop damage due to wildlife, ensure the area is left as it was discovered.

MASC will soon send an adjustor to appraise the site. Once you have signed the appraisal, the payment process begins. If you require assistance in dealing with ongoing losses due to wildlife, contact Manitoba Sustainable Development at (204) 945-7775.

For more information about any of these MASC programs, or to find your nearest MASC office, please visit www.masc.mb.ca



Canadian Sheep Identification Program Fees

January 4, 2019

Ottawa, ON – All tags approved in the Canadian Sheep Identification Program (CSIP) are subject to increased program fees, in keeping with the newly ratified agreement with Canadian Cattle Identification Agency (CCIA).

The Canadian Sheep Federation (CSF) finalized a Memorandum of Understanding with CCIA that outlines shared roles and responsibilities in CSIP delivery. The agreement includes a schedule of program fee changes that will eventually see the fee harmonized with those of other regulated (and future regulated) species groups. Fee increases will take place over the course of the next two years, varying by tag type according to the terms of the agreement and as tag inventories are replenished.

In a directive issued earlier this spring, the Canadian Food Inspection Agency confirmed that CCIA will remain Responsible Administrator of the Canada's sheep national identification and traceability programs through the regulatory amendment. To that end, the CSF and CCIA worked together to finalize an agreement that will ensure continued CSIP delivery and a smooth transition to future traceability regulations.

"CCIA is extremely pleased to continue being the responsible administrator for the sheep sector. We have already made some enhancements to the Canadian Livestock Tracking System to better serve the multi species that are using our services" affirms CCIA General Manager Anne Brunet-Burgess.

The CSF and CCIA strive to ensure that Canadian sheep farmers and ranchers have the tools they need to implement ID and traceability program requirements, providing guidance and tools to a full range of stakeholders.

"The Canadian Sheep Federation has worked diligently since the inception of CSIP to control the program's costs to producers", says Corlena Patterson, CSF Executive Director, "and we will continue this commitment as we work with CCIA to enhance program services and performance, and get ready for future traceability regulations."

For more information about the Canadian Sheep Identification Program, visit the Canadian Sheep Federation website at www.cansheep.ca, the Canadian Cattle Identification Agency website at www.canadaid.ca and the Canadian Food Inspection Agency website at <http://www.inspection.gc.ca/animals/terrestrial-animals/traceability/eng/1300461751002/1300461804752>.

Canadian Sheep Federation
PO Box 10
Williamsburg, ON K0C 2H0
info@cansheep.ca
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The MSA would like to thank Brian Greaves for his many years of service as the MB Representative to the CCWG and the Canadian Sheep Industry. MSA acknowledges Brian's commitment to the sheep industry and yes, that's a big pair of Blundstones to fill! We are sure Brian will be around to assist and MSA looks forward to working with the new MB Rep.

NOTICE OF ANNUAL GENERAL MEETING AVIS DE L'ASSEMBLÉE GÉNÉRALE ANNUELLE

The 101st Annual General Meeting of the / la 101^e l'assemblée générale annuelle de Canadian Co-operative Wool Growers Limited

**October 19th 2019 at 2:00 pm
le 19 octobre 2019 à 14h00**

Holiday Inn, Truro, NS

For further information please contact:
Pour plus d'informations se il vous plaît contacter:

Donna Zeman, Executive Director
Membres de la direction
donna@wool.ca

Canadian Co-operative Wool Growers Limited,
Box 130, Carleton Place,
Ontario K7C 3P3

Tel: (613) 257-2714

Fax: (613) 257-8896

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CCWG DIRECTOR ELECTIONS 2019

The following Canadian Co-operative Wool Growers Limited directors' term of office will expire in 2019. Any shareholder interested in a director position is required to file a nomination ballot supported by three shareholders from the provincial sub district in which they reside, at least 60 days prior to the provincial shareholders meeting. Copies of our corporate bylaws and nomination ballots are available upon request from any branch of the Canadian Co-operative Wool Growers Limited. All nomination ballots must be received at Head Office by **June 30, 2019**.

L'ÉLECTION DES DIRECTEURS POUR 2019

La durée du mandat des directeurs de la Canadian Co-operative Wool Growers Limited, notée ci-dessous, prendra fin en 2019. Tout actionnaire intéressé par un poste de direction est tenu de déposer un bulletin de mise en candidature soutenu par trois actionnaires du sous-district provincial dans lequel il réside, au moins 60 jours avant l'assemblée générale provinciale. Des copies de nos statuts sociaux et des bulletins de mise en candidature sont disponibles sur demande auprès de n'importe quelle succursale de la Canadian Co-operative Wool Growers Limited. Tous les bulletins de mise en candidature doivent être reçus au siège social pour le 30 juin 2019.

**Alberta North / Nord
Saskatchewan North / Nord
Manitoba
Ontario West / Ouest
Québec East / Est
Atlantic**

**Vacant
Lee Sexton
Brian Greaves
Allan Ribbink
Vacant
Ruth Mathewson**

Long time Manitoba CCWG Director Brian Greaves has indicated that he will be stepping down from the Board of Directors in 2019.

Sincere appreciation is extended to Brian for his 20 years of loyal and dedicated service.

Treating Hypothermia (Chilling) and Hypoglycemia (Starvation) in very young lambs

An exert below from the full chart that can be found by [clicking here](#).

Items to Have on Hand BEFORE Lambing Begins:

- ✓ Digital rectal thermometer to measure subnormal body temperatures (as low as 20°C).
- ✓ Frozen colostrum in small batches (150-250 mL or 5-8 oz).
- ✓ Lamb stomach tube and feeding syringe (60mL) or squeeze bottle (250 mL).
- ✓ Warming box with heater and thermostat.
- ✓ Aftercare unit: draft free pens that are warm, dry and well-bedded.
- ✓ Bottle of sterile 50% dextrose (500 mL bottle).
- ✓ Kettle for boiling water.
- ✓ Sterile 60 mL syringe with 20 gauge (pink) 1 inch needles.

Recognizing and Treating Hypothermia

The best way to recognize hypothermia is by taking the lamb's rectal temperature and observing its behaviour. The normal temperature of a lamb is 39-40°C.

The rectal temperature of any dull,

Mild Hypothermia – Any Age

Temperature between 37 – 39 °C

Lamb is weak, depressed, appears empty but can stand.

ACTIONS

- Move lamb into shelter and dry off if wet.
- Feed colostrum by stomach tube (within the first hour of birth is best). Feed 50 mL/kg of bodyweight slowly over 5-10 minutes.
- Additionally feed 200 mL/kg bodyweight spread over three more feedings within the first 24 hours.
- Keep lamb with dam provided she is in a sheltered area.
- ENSURE lamb is nursing.
- Lamb is recovered once rectal temperature returns to normal; lamb and ewe can return to flock.



Small lambs < 1.5 kg (3 lbs) at birth, may not have sufficient fat reserves to initiate heat production, even with colostrum.

ACTIONS

- In addition to colostrum, feed these small lambs an extra 50 mL/kg of a 20% dextrose



Can the lamb suckle and swallow?

Lambs with a suckle reflex can be tube fed. Lambs without a suckle reflex will need to be revived using intraperitoneal dextrose and then warmed prior to being tube fed.

If ≤ 37 °C; < 5 Hrs Old and Suckle Reflex (Able to Swallow)

Lamb is weak, empty, depressed and may be unable to stand.

ACTIONS

- Remove lamb from ewe and dry off if wet.
- Place in warming box until rectal temperature is >37°C.
- Administer warm colostrum by stomach tube. Feed 50 mL/kg bodyweight.
- Additionally feed 200 mL/kg body weight spread over three more feedings within the first 24 hours.
- Move to hospital pen with heat source and feed until strong and maintaining normal temperature of 39°C.
- Once strong, return to dam but make sure lamb is nursing (identify using livestock paint or marker).

If ≤ 37 °C; > 5 Hrs Old and Suckle Reflex (Able to Swallow)

Assume that lamb has no fat stores and is hypoglycemic (starved). You



Sheep Physio Information



SHEEP NORMAL PHYSIOLOGICAL DATA			
		Adults	Lambs
Temperature (° F)	Max	104	104
	AVG	102.5	102.5
	MIN	102	102
Respiration (per minute)	Max	20	20
	AVG	16	16
	MIN	10	10
Pulse (per minutes)	Max	80	120
	AVG	75	100
	MIN	70	80
Estrus cycle Duration	Days	16	
	Hrs.	33	
Gestation	Max	159	
	AVG	147	
	MIN	138	

Lambing Checklist

Provided Courtesy of the Canadian Co-Operative Wool Growers Limited

Lambing Checklist

☒ In the lambing box:

these items are easily accessed when going from pen to pen
if they are put in an open utility tool tote that fits over a gate.

<input type="checkbox"/> Injectable Vitamin A & D, E-Sel - if needed in your area	<input type="checkbox"/> Elastrator rings & pliers for tail docking & castrating - to be done in the first week of life.
<input type="checkbox"/> Needles & syringes of varying sizes	<input type="checkbox"/> Ear tags & pliers for your on farm ID
<input type="checkbox"/> Notebook & pencil to keep track of mother & lamb ID numbers & other important info	<input type="checkbox"/> Spray or crayon marker for quick ID of animals that need (closely) watching.
<input type="checkbox"/> Alcohol mixed with a little food colouring kept in small squeeze bottle. Use on injection sites, ear tagging or lamb navels. The colour shows you where the alcohol site is.	<input type="checkbox"/> Iodine - kept in a small squeeze bottle for lamb navels.

☒ Lambing supplies to have on hand

<input type="checkbox"/> Dextrose - an aid in the treatment of glucose deficiencies and pregnancy disease	<input type="checkbox"/> Hair dryer & box (for warming chilled lambs) or heat lamp
<input type="checkbox"/> Colostrum feeding tube and large syringe	<input type="checkbox"/> Nipples and bottles
<input type="checkbox"/> Scour solution	<input type="checkbox"/> Towels, olds ones for drying off lambs
<input type="checkbox"/> Powdered Colostrum	<input type="checkbox"/> Gloves, sleeve length and short OB gloves
<input type="checkbox"/> Powdered milk replacer	<input type="checkbox"/> Lamb Pullers
<input type="checkbox"/> Lamb Woolovers	<input type="checkbox"/> Lubricant
<input type="checkbox"/> Lamb sling, if you've ever carried a cold wet newborn lamb to its pen, you probably will want to use one of these forever after.	<input type="checkbox"/> Injectable antibiotics - some work better for different infections - ask your vet
<input type="checkbox"/> Prolapse retainers & harness & a big bag of white sugar - the sugar will take the swelling out of the prolapse	<input type="checkbox"/> Ear tags and Pliers - you must have the new CCIA tags for when you ship animals, you may also want a different tag for on farm ID.

☒ Lambing supplies to consider having on hand, they might come in handy.

<input type="checkbox"/> Hand shears for trimming wooly udders	<input type="checkbox"/> Scissors
<input type="checkbox"/> Vaccinations	<input type="checkbox"/> Adoption musk
<input type="checkbox"/> Sheep halter or soft rope for tying up the ewe that you're going to work on	<input type="checkbox"/> Shepherds crook, great for catching flighty mothers
<input type="checkbox"/> Gambriel Restrainer - will keep an ewe still while you do necessary work on her.	<input type="checkbox"/> Knife - get a brightly coloured handle for when it falls in the hay (and it will)
<input type="checkbox"/> Injectable Dextrose for hypothermic lambs	<input type="checkbox"/> Hoof nippers (while the mothers are in the pens you might want to pare her feet)
<input type="checkbox"/> Small side cutting pliers and file. Every year we get lambs that are rejected because of sharp teeth. A simple snip of the side teeth and file down of the front teeth will usually stop the rejection, if it is not too late.	
<input type="checkbox"/> Sheep raising information, books or video's such as 'Storeys Guide to Raising Sheep' book or 'Lambing Time' video.	

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Aug. / Sept. Delivery	24	25	26	27	28
May Service	1	2	3	4	5

[Click here](#) to view
a full Sheep
Gestational Table

Tube Feeding Neonatal Small Ruminants

Provided by: Dr. Susan Kerr (WSU NW Regional Livestock and Dairy Extension Specialist)

It is essential that sheep producers learn how to feed young animals with a stomach tube. This simple procedure can often save a young animal's life, thereby increasing lambing crop rates and enhancing profitability. With a brief amount of instruction and a little practice, anyone can perform this crucial task quickly, safely, and effectively.

This publication by Dr. Susan Kerr gives a complete overview of the topic of tube feeding neonatal lambs and kids. Relevant anatomy, indications, and techniques are presented. Photographs illustrate the techniques discussed. Information about colostrum, biosecurity, sanitation, and passive transfer of immunity is included as well.

Follow the link for the complete fact sheet and how to techniques [click here](#).



Abortion Sheet – Non-Infectious

To view the entire Fact sheet on Iodine Deficiency and Energy and Protein Deficiencies as non-infectious cause of Abortions, [click here](#)


ABORTION SHEET

NON-INFECTIONOUS

●● Sheep and goats



www.cepoq.com



Source : www.courses.washington.edu

ABORTIONS DO NOT ALWAYS HAVE AN INFECTIOUS CAUSE. AN ABORTION CAN BE THE CONSEQUENCE OF A METABOLIC OR NUTRITIONAL DISORDER, OR IMPROPER LIVESTOCK MANAGEMENT.

INTRODUCTION ●●

Abortions in sheep and goats are not always infectious. It is therefore important to consider non-infectious causes when dealing with abortions in a group of pregnant females. If no infectious agent is diagnosed in the laboratory, we can change the diagnostic approach and question the diet and the herd management. New analysis may be requested from the laboratory as needed. The nutrient deficiencies that are described in this sheet are the **IODINE DEFICIENCY (front)** and the **ENERGY AND PROTEIN DEFICIENCY (back)**.

Iodine Deficiency...

Some nutrient deficiencies can cause abortions. The most frequently encountered in Canada is iodine deficiency. A diet deficient in iodine is the most common cause of goiter. Consumption of certain plants or foods (known as goitrogens) can also cause a goiter by decreasing the absorption of iodine or by modifying its metabolism. ▲▲

DIAGNOSTIC ●●


The diagnosis is usually easy to make when the clinical signs include an abnormally large thyroid.

PREVENTION ●●

A sufficient intake of iodine at all times and for all the animals on the farm can prevent this nutrient deficiency.

CLINICAL SIGNS ●●

Iodine deficiency or goiter can be recognized quite easily when the thyroid is highly developed as shown in the picture below. Goiter can occur at any age and the most common clinical signs are: weight loss, emaciation, scarce wool, swelling of the face, thickened skin, weakness, lethargy, decreased fertility and decreased milk production. Goiter can also cause late-term abortions, weak newborn lambs and kids, and a thyroid that is easily palpable or more developed than normal.



Source : www.sheep101.info

TREATMENT ●●

Following the readjustment of iodine in the diet, animals recover easily and quickly from the condition. Iodine powder can be used, diluted in water or incorporated into the diet. **Beware of excess!** It can cause iodism, that can result in nervous and hyperactive animals: it is then necessary to stop the treatment.

SOME FACTS ABOUT IODINE DEFICIENCY :

Featured Recipe – Manitoba Lamb & Black Bean Meatballs with Minted Greek Yogurt

This recipe was featured on the Great Tastes of Manitoba website and television show. To watch the episode and view the recipe online, [click here](#).

INGREDIENTS:

- 1lb ground Manitoba Lamb
- 200g cooked black beans
- 100g Manitoba Oats
- 1tsp Dijon Mustard
- 2tbl ketchup
- 1tsp paprika
- 1tsp cayenne
- 4 cloves garlic, minced
- 1 Egg
- ½ cup diced red onion
- 1tsp fresh chopped rosemary
- 1tsp fresh chopped oregano
- 1tsp fresh chopped thyme

MINTED GREEK YOGURT

- 2 cups Greek Yogurt
- 1Tbs torn mint
- 1 juice lime
- Fresh cracked pepper to taste



INSTRUCTIONS:

1. Preheat oven to 375 degrees
2. Place black beans in a food processor with ketchup and pulse until coarse texture has been achieved, set aside.
3. Place ground lamb in a large mixing bowl and add egg, Dijon – mix until incorporated
4. Add remaining ingredients, however be careful not to overmix
5. Incorporate the bean and ketchup mixture and season with salt and better
6. Once proper seasoning has been satisfied, form the balls into desired size, recommendation is 50-75g per ball
7. Place meatballs in a 375-degree preheated oven until browned and fully cooked, approximately 20 minutes. Serve hot with yogurt.

Interested in Advertising in the MSA's SheepSense?

SheepSense reaches approximately 600 Manitoba Sheep producers & the industry and is published four times per year.

Please contact the MSA Office at mb@mbsheep.ca or call (204) 421-9434 if you are interested in advertising in this publication or have any questions.

2019 Advertising Rates:

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