

THE COUNTY CHRONICLE

COUNTY OF WARNER NO. 5



SPRING 2019



2019 BMO FARM FAMILY AWARDS

**Congratulations to
Donald (Ryan Chipman) Quinton Family
Farm Family**

*for being nominated and accepting the Farm Family Award
during this year's Calgary Stampede.*

The Calgary Stampede and BMO Bank of Montreal will be hosting the Awards Ceremony during this year's Stampede to hand out this award to the deserving Southern Albertan Recipients. The objective of the award is to recognize outstanding Southern Alberta farm families "who best typify the value of the family farmer to our rural communities and society in general and to honor these families at the Calgary Exhibition and Stampede."

County of Warner No. 5



Contact Information:

County of Warner No. 5
Administration Office
300 County Road, Box 90
Warner, AB T0K 2L0
Phone: 403-642-3635
Fax: 403-642-3631

New Toll Free Number: 1-888-642-2241
Website: www.warnercounty.ca

Shawn Hathaway, Administrator/ Economic
Development Officer
shathaway@warnercounty.ca

Morgan Strate, Property Assessor
mstrate@warnercounty.ca

County of Warner No. 5
Agriculture Service Board
202 County Road, Box 90
Warner, AB T0K 2L0
Phone: 403-642-2255
Fax: 403-642-2256
Toll Free Call: 1-866-642-2221

Jamie Meeks, Agriculture Fieldman
jmeeks@warnercounty.ca

PUBLIC WORKS:

Phone: 403-642-3833
Fax: 403-642-3832

New Toll Free Number: 1-888-642-3831

Larry Liebelt, Public Works Superintendent
lliebelt@warnercounty.ca

COUNCIL MEMBERS

David Cody, Division 1	dcody@warnercounty.ca
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WHAT'S IN THIS ISSUE:

- Controlling of Richardson Ground Squirrel (gophers)Page 2
- Call for Applications - Community Adult Learning ProgramPage 3
- County of Warner ParksPage 4
- Pesticide container sites are located atPage 5
- Canadian Beef Industry Conference 2019Page 6
- Fire permits, Development information and MapsPage 7
- Toolbox Talk: Safety Around Livestock or Farm AnimalsPage 8
- What are your fertilizer requirements for Spring?Page 9
- Environmental Stewardship and Climate ChangePage 10



RENEW YOUR PLAN, ACCESS FUNDING, REVITALIZE YOUR FARM

If your Alberta Environmental Farm Plan is more than ten years old, you will need to update it for your farm to be eligible for some funding programs. Renewing your plan gives you better access to markets and funding. With our new online platform and our network of trained technicians across Alberta, it is easy to update your environmental farm plan on a regular basis.

Please contact Kerry for more information 403-642-2255 or khyatt@warnercounty.ca

PUBLIC NOTICE Roadside Spraying

The County of Warner will be controlling broadleaf and noxious weeds on:

- Developed and Undeveloped Road Allowances
- Newly Constructed Roads
- Bladed Trails
- Established roads
- Other public areas as necessary



As deemed necessary by the Ag Fieldman.

Commencing May 1, 2019 to September 30, 2019

The County will be conducting Roadside Spraying activities with care and consideration. Selective Spray to ensure effective control of *target* plant species.

If you have any question about which weeds are Noxious or which weeds are considered Prohibited Noxious within the County of Warner, please contact the Ag Fieldman at the Ag Service Board Shop by calling (403) 642-2255.

AGRICULTURE SERVICE BOARD BUILDING

Adjacent to the Public Works Shop
North of the Village of Warner

Please visit our new location.

Operational Hours

Ag Service Board

7 a.m. to 5:30 p.m. Monday – Thursday

FOR TENDER

Used Portable Solar Watering Station

Bidding Sheets available at the County of Warner Ag. Service Board and accepted until noon on May 21st 2019

Any or the highest bid will not necessarily be accepted.

To view the unit please stop by the Ag. Service Board Building Monday - Thursday 7 a.m. - 5:30 p.m.

Controlling of Richardson Ground Squirrel (gophers)

The County of Warner No.5 Agriculture Service Board is urging all farmers and ranchers to consider early control of the gopher population, before green grass appears.

Products available for purchase through the Ag Service Board building include:

- 2% Liquid Strychnine Concentrate for Agricultural producers: rate at 250 ml in 1 kg of clean (hulled or hullless) oats or wheat.
- The rodenticide Rozol (anti-coagulant)
- Ready-To-Use Premix in 20 lb pail
- Ready – To – Use Premix in 50 lb bag

Also registered for ground squirrel control in Alberta is the fumigant, aluminum phosphide and is available to producers with a valid Farmer's Pesticide Certificate (FPC).

**** You *cannot* buy fumigants if you don't have a valid Farmer's Pesticide Certificate ****

- "Accessing and using fumigants has become more complex as requirements for application and record keeping have changed. Products containing phosphine are highly toxic and rules have been recently updated

to reduce the risk to both the applicators and the public." (Health Canada)

- **Labeling Requirements for Fumigating Rodent Burrows:** Purchase or rental use of a National Institute of Occupational Safety and Health (NIOSH) approved respirator is required.

*Fast acting fumigant must not be used within 500 meters (1,500 ft) of residential area

*When the air or soil temperature is below 5°C, fumigation is not recommended.

Other gopher control methods include:

- Shooting, using traps, cultivating burrows.
- Biological controls – nest boxes or owls and hawks. Leaving existing lone trees in place and protecting lone trees from rubbing or damage by cattle.
- Cultural controls – crop rotation, use of buffer zones etc.

To purchase these products please stop in at the Ag Service Board Building (403) 642-2255.



CALL FOR APPLICATIONS - Community Adult Learning Program

The Alberta Ministry of Advanced Education is inviting eligible organizations to apply for a two-year probationary [Community Adult Learning Program](#) grant funding. Eligible organizations interested in serving foundational learners in the County of Warner may apply.

The Community Adult Learning Program (CALP) provides funding and other supports to over 100 community-based organizations to facilitate part-time, primarily non-formal, adult learning opportunities in communities across Alberta.

Organizations funded through the CALP work towards the following vision:

Changing lives through adult foundational learning in connected communities.

To make this vision a reality, funded organizations serve as visible access points for learners who have literacy and foundational learning needs. These needs include adult literacy,

Changing lives through adult foundational learning in connected communities.

numeracy, English language learning, basic digital skills, and/or foundational life skills, and can be addressed through group learning such as a class or family literacy program or through one-on-one or small group tutoring. Organizations are often the local learning hub in a community: in addition to providing adult foundational learners with access to learning oppor-

tunities, organizations work collaboratively with community partners to be able to give learners the information, referrals, and other supports they require to be successful in meeting their personal learning and/or employment goals.

Eligible organizations that have an interest in working towards the program's vision are invited to apply for Community Adult Learning Program grant funding on a probationary period. The deadline for Applications is June 3, 2019, and details on how to apply can be found (<https://www.alberta.ca/community-adult-learning-program.aspx>)

If you have any questions, please contact Ben Hartt, CALP Grant Manager for the South Region, by email at Ben.Hartt@gov.ab.ca or by phone at 780.427.5625.

Thank you and we look forward to receiving your applications!

Southern Alberta Youth Range Days 2019

July 23-25th 2019

Ages 13-18

Families are welcome!



Location:

Grain Community and Ag Society Hall

Aden, AB

Lizards, exploring badlands, river sports, birds and much more!

The Southern Alberta Youth Range Days program is an interactive event for youth, and families, interested in learning about rangelands, watersheds, wildlife, and other topics related to natural resource management.

Youth from all backgrounds including farm and ranch, city, acreage or town, are welcome to attend.

Registration link is available at www.mrwcc.ca

Cost: \$75 per participant



Southern Alberta Youth Range Days

For more information contact: youthrangedays@gmail.com or Kandra Forbes (MRWCC): 403-647-4306

County of Warner Parks

**2019 Fees for Chin & Ridge Parks:
Day Use/Boat Dock: \$10/Day or
\$120 - 2019 Season Pass**

Overnight Camping

• with Power \$30 • no power \$20



CHIN PARK

Chin Park is located on Chin Reservoir a large irrigation reservoir. There are 12 sites with electrical hook-ups and an overflow area. The park is owned and maintained by the County of Warner. There is a boat dock, boat ramp, swimming area, camp kitchen, and washrooms. Potable water is available. The park is open from April 15 to October 15. No reservations accepted.

RIDGE PARK



Located on a huge irrigation reservoir, this park has received many new upgrades in 2011. There are new sites, new playground, new boat dock and new sandy beach! 31 powered sites and 17 non powered sites, two camp kitchens, boat ramp, swimming area, washrooms, and overflow area. Potable water and sewer dump is available. The park is owned by the County of Warner, however, maintenance and fee collection is contracted out. The park is open from April 15 to October 15. No reservations accepted. Limited long term sites available - contact the park contractor.
Cell phone: 403-393-8297 • email: ridgepark17@gmail.com.

County road enforcement stringent in 2019

Public Works would like to remind everyone that they will be out repairing culverts, replacing signs, patching, re-graveling roads, upgrading roads for snow storage and drainage. While County crews are out working please keep safety in mind and follow the signs that are placed and slow down when passing workers.

When possible updated road construction and work being done will be updated on the County website.

Farm Pivots and Irrigation, The County of Warner has been experiencing road problems occurring from Irrigation pivots spraying water on the roads. This has washed gravel off the road surface and created dangerous soft spots.



County of Warner Bylaw NO. 883-10 will be enforced resulting in fines of up to \$1000.00 plus repair costs.

Road Slopes & Ditches

When doing road inspections, the crews have been noticing that a number of the road slopes are being farmed, and sprayed out closer and closer every year.

This promotes the road slopes and ditches to be eroded, cut away, culverts to be tore out and eventually affects the road base.

With keeping safety and the integrity of our road structures in mind please stay a safe distance away.

Gravel request forms and Dust suppression forms can be found on the County of Warner website. All requests must be in by May 15th of the current year.

BORDER COMMUNITY WELLNESS FOUNDATION UPDATE

On Monday, Feb. 11, 2019, at the Prairie Rose Lodge in Milk River, the organizational meeting for newly formed non-profit society, BORDER COMMUNITY WELLNESS FOUNDATION, was held. The meeting was well attended with 15 people present. Nominations were held, and the executive stands as follows:

Chairperson: Emma Hulit
Vice Chairperson: Tom Butler
Secretary: Laura Wills
Treasurer: Lana Proctor
Directors: Liesl Bogle, Peggy Losey,
Jim Willett, Anne Michaelis,
Austin Hook, Colleen Bianchi

In the fall of 2017, it became evident to organizers through local discussions, that there was interest in forming a wellness foundation to benefit the residents of the three southern communities (Coutts, Milk River, and Warner) and rural area of the County of Warner. Incorporation was finalized in August of 2018.

Why a Foundation? Registration as a non-profit society provides many benefits, not the least of which is exemption from federal income tax. This status allows the foundation to accept charitable donations, personal or corporate, for which a tax receipt can be issued and submitted as "tax-deductible". The organization can also donate

funds and give support to other organized efforts in our communities. If a need is recognized within the area, application to both public and private grants may be made through a non-profit foundation helping to address it.

As you can see, we have town, village and county representation, with both Coutts and Milk River and rural board members. We hope that Warner will come forward with residents who may be willing to sit on the board in anticipation of hearing from that community as well. Please contact anyone from the board if you are interested in being a part of this worthwhile endeavor. Also note that we will have a website up and running in the near future, and we thank Austin Hook for handling this for the foundation. We would also like to thank Emma Hulit, Lana Proctor, and Austin Hook for "taking the bull by the horns" and making this foundation a reality.

We are all so fortunate to live in rural Alberta and take advantage of the many positive aspects this lifestyle has to offer. It is in each of our own best interests to maintain a healthy wellness which will allow us to enjoy our lives and make the lives around us worthwhile. Let's make the BORDER COMMUNITIES WELLNESS FOUNDATION a success, so that our communities can continue to flourish in health, happiness, and wellness!

Laura Wills

PESTICIDE CONTAINER SITES ARE LOCATED AT

Border Seed Cleaning Plant - 10 Miles East of Milk River on Highway 501

Sunshine Seed Cleaning Plant - Just east of the intersection of Highway 4 and 52

RECYCLING OF SMALL, RINSED CONTAINERS ONLY: ABSOLUTELY NO DUMPING OF BARRELS

RETURN THESE ITEMS TO THE RETAILER

- Unused Chemical
- Chemical Totes
- Chemical Barrels
- Bulk Chemical Containers
or Tanks

TRANSFER STATIONS MAY ACCEPT THE FOLLOWING:

- Domestic Garbage
- Fertilizer Bags
- Used Oil or Pails
- Silage Wrapping
- Plastic Tarps

Check with the transfer station attendant or
call Chief Mountain RSWA at 403-653-3366


cleanfarms

Let's make it 100%

Recycle every jug




Pesticide & Fertilizer Containers (23L or less)

1 RINSE
Triple or pressure rinse to ensure
no product is wasted.

2 REMOVE
Remove caps and booklets to
ensure that containers can be
recycled. Caps and booklets can be
put in your regular garbage.

3 RETURN HERE
Return empty, clean containers to
your municipal collection site.

 No containers larger than 23L
(return to retailer).

 No obsolete pesticides (hold on
farm for next collection event).

Seed Treatment Containers Important Instructions

- 1 Rinse, if possible.
- 2 If rinsing is not possible, close cap
securely and place unrinsed jugs
together in a separate collection bag.
- 3 When the bag is full, securely close
with a tie wrap, rope or knot and
take the bag to your local municipal
collection site for proper disposal.



Triple or pressure rinse
and return to municipal
collection site



Every jug counts!

For more information:
1-877-622-4460

Cleanfarms.ca

DID YOU KNOW?



The VBP+ program is now an accredited certification body for the Canadian Roundtable for Sustainable Beef. By achieving VBP+ certification, you will also be recognized as a Certified Sustainable beef operation and are eligible to participate in Certified Sustainable value chains!

Ready to be recognized for your efforts?

Contact Alberta VBP+ Coordinator Melissa Downing for more info:
780-753-1934 or ab@verifiedbeef.ca
www.verifiedbeef.ca

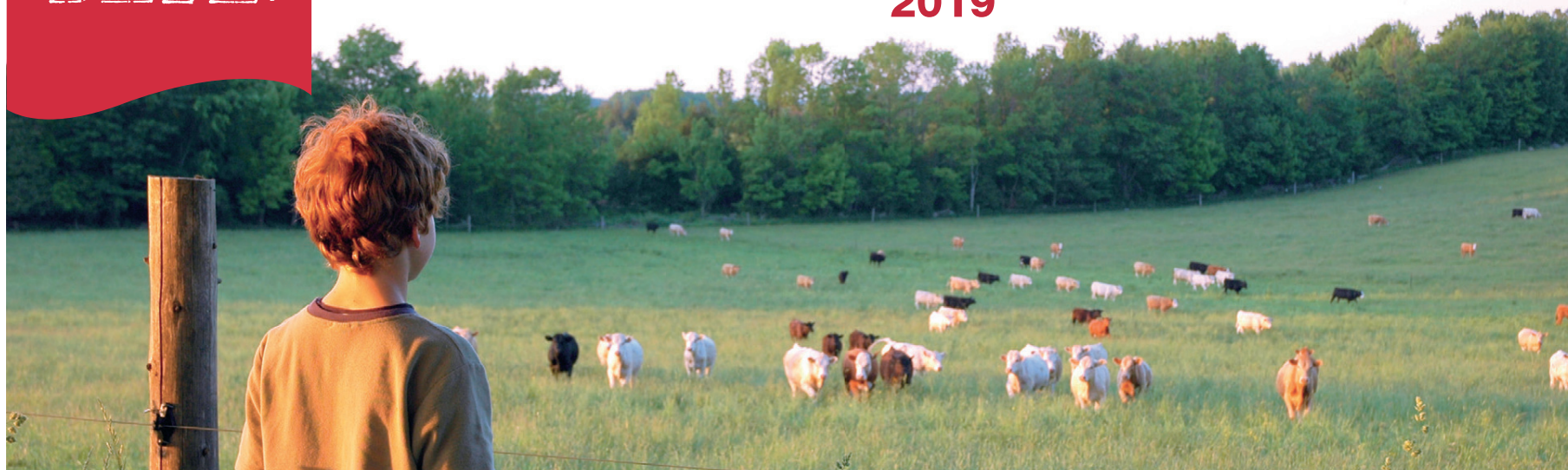


Simple. Practical. Trusted.

**SAVE THE
DATE!**

CANADIAN BEEF INDUSTRY CONFERENCE

2019



Securing our future

AUGUST 13-15, 2019 BMO CENTRE ON STAMPEDE PARK, CALGARY, AB

Visit us at canadianbeefindustryconference.com  @CDNBeefConf  @CDNBeefConf  [canadianbeefindustryconference](https://www.facebook.com/canadianbeefindustryconference)

REGISTRATION NOW OPEN



Fire permits, Development Information and Maps

FIRE PERMITS

All open fires require a permit - YEAR ROUND - Please Contact Your Nearest Fire Chief Before Lighting Any Open Fire.

This does not include screened burning barrels or fire pits at recreational areas. **Please obtain a fire permit by calling your local fire department's fire chief.** Their contact information is available on our website www.warnercounty.ca. If they are unavailable please contact the Community Peace Officer.

When a **Total Fire Ban** is in effect **no permits will be issued.**

DEVELOPMENT INFORMATION

Road Setbacks – Buildings and other developments/improvements such as dugouts, must be at least 120 feet from the center line of the nearest county road, unless the road is a primary or secondary highway. If the road is a primary or secondary highway, the setbacks are established by Alberta Transportation.

New shelterbelts must be set back 25 feet from any property line and must be set back at intersections so sight lines are not obstructed. The above setbacks are also required for undeveloped road allowances.

Stockpiles are defined as the temporary storage of materials

on or off a hard surface. Materials stored include: soil, manure, forage crop, or machinery. The setbacks shown in the above paragraph must be met.

A full Copy of the Land Use By-Law and Development application forms are available on our website www.warnercounty.ca.

County of Warner Maps – wall maps are available for purchase at the County Administration Office.

If you require clarification on any of the discussed items, please contact the County office at 403-642-3635 or 1-888-642-2241; fax 403-642-3631;

email: www.warnercounty.ca



GRAZING & PASTURE MANAGEMENT


Key Facts for Canadian Beef Producers



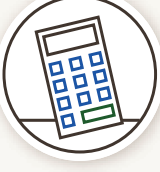
Calves with access to pumped water have the potential to gain 16-18 more pounds during the grazing season than calves watering directly from a dugout.¹



Cattle can passively re-seed pastures when fed legume seeds like cicer milkvetch or sainfoin through their mineral supplements.²



Test stock water quality regularly as the grazing season progresses. Hot and dry weather, or heavy rainfall or runoff events, can affect water quality and cause herd health problems or even death.³



The Beef Cattle Research Council has a calculator designed to help producers determine the cost and potential benefits of setting up different water systems. Visit the site at www.beefresearch.ca/research/water-systems-calculator.cfm



Varieties of bloat-safe legumes like sainfoin have improved in yield and persistence. When a minimum of 15% sainfoin is included in a stand with alfalfa, the risk of bloat is reduced.⁴



Cattle grazing in the winter must be checked daily, have a “hands-on” body condition score of at least 2.5, and have access to shelter and plenty of clean, loose snow.⁵ If conditions are right, cattle can graze in up to 25cm of snow but producers must have a backup plan to care for their cattle if weather changes.⁶

WWW.BEEFRESEARCH.CA



16th ANNUAL

Southern Alberta Grazing School For Women



Registration Deadline
July 9th
Cost: \$100.00



JULY 16-17th 2019

Link to Register:
2019sagsw.eventbrite.com

For more info contact
Kristi Stebanuk
kstebanuk@cowsandfish.org
(403) 382-0927

 “Grazing Schools for Women”

MILK RIVER CIVIC CENTRE

TOPICS INCLUDE

- Grazing Principles & Practices*
- Local Ranching Women Stories*
- Range & Riparian Health*
- Stocking Rate Jeopardy*
- Hands-on Plant ID*
- Fire & Grazing*
- Species at Risk*





























AgSafe
ALBERTA

Toolbox Talk: Safety Around Livestock or Farm Animals



Background

Cows, horses, sheep, pigs, and dogs are common fixtures on many farms and ranches in Alberta. The hazards associated with these animals come in all shapes and sizes, as do the animals themselves. Being struck by the animal is a common hazard and can easily occur if you're working near livestock and not focused on the task at hand. Animals will react to changes in their environment, so it is important to pay attention to animal behaviors. Some animals may perceive danger and attempt to escape or run, while other animals may become nervous or agitated and kick-out or even attack. These reactions may worsen if the animal is sick or injured or nursing her young. Even animals with a mild temperament can become dangerous under the right circumstances. But behaviors are not the only problem when it comes to animal safety. Some other hazards include being struck by or pinned against gates, tripping or slipping on uneven ground or slippery work surfaces, pinch points on gates, equipment or tools being used and handling or administering medications. Let's not forget about biosecurity concerns, and the potential for spread of disease or bacteria. There is a lot to think about. And we can agree there is a considerable level of risk when working around or handling livestock or farm animals.

Managing the Risk

Some control measures you might consider implementing on your farm or ranch include:

- Wear appropriate footwear. This might mean boots with adequate traction in mucky pens or uneven surfaces or steel toed footwear that will protect against trampling or puncture
- Wear appropriate head protection if you're at risk of a fall or strike. Helmets are a trendy accessory that have the potential to prevent serious head injuries
- Verify equipment is in good working order. The equipment you'll need will depend on what type of

task you're performing and what type of livestock or farm animal you're dealing with. Some examples of equipment we use to work with, or handle livestock or farm animals might include a livestock chute or other types of enclosures, calving jacks, feeding spears or dispensers, ropes and halters, ear tags and applicators and the list goes on. All equipment should be visually inspected before use. *If equipment is in good working condition, a malfunction resulting in an injury is less likely to occur*

- If you're handling or administering medications, read the Safety Data Sheet provided by the manufacturer or your veterinarian
- Plan and designate an escape route, make sure that the escape route isn't obstructed and that it is accessible to everyone working in the area
- Come up with a work-alone check-in system if you need to be by yourself while working around livestock or farm animals. If you must work with an animal that is known to be aggressive, use the buddy system
- Always stay aware and alert, animal behavior can change in a matter of seconds. Anticipating and reacting to animal behavior can go a long way toward preventing injuries and incidents on the farm
- Be familiar with the biosecurity concerns surrounding the animals you're dealing with and how to protect the spread of disease or bacteria. This might include donning specific PPE and removing the PPE after your contact with animals
- Build safe habits. If you put on your gloves every time you handle an animal with a lead rope, your behavior becomes a habit. The act of donning the gloves becomes less difficult and more natural over time. When the animal tries to pull away or spooks, you have eliminated the chance of a rope burn injury. You've developed a safe habit

What else can I do?

- Perform a hazard assessment on the type of animals you're working with. This will help you think critically about specific hazards and how you can deal with them. Once complete, spend time reviewing the results of the hazard assessment with those who may be affected. People affected may include your family, staff or visitors
- Training should be provided to anyone who will work around or handle livestock or farm animals. Workshops or online material on working safely around livestock or low stress cattle handling can be a helpful tool
- All animals are unique and respond to stimuli differently. Don't believe that because you've worked with one animal that responded a certain way, that the next one will
- Don't let your guard down around the quiet animals in the herd, animals are unpredictable
- Of animal related deaths on farms and ranches in Alberta, horses and cows were most often involved. The average weight of a cow is 1390lbs. The average weight of a horse is 1000lbs. The average weight of a human is 137lbs
- Ensure children working near or with livestock or farm animals understand the safety measures in place on your farm. Children should know not to walk near the hind end of large animals, to behave calmly and carefully around animals and to avoid playing in pastures or pens.

What are your fertilizer requirements for spring?

With seeding well on its way, soil fertility and fertilizer management are on the minds of many producers in Alberta.



Doon Pauly, agronomy research scientist with Alberta Agriculture and Forestry, looks at spring fertilizer considerations.

Soil tests are still the best way to determine levels at the beginning of the season. "We can determine where we're starting from as far as the nitrate that is present in the soil and what's there for the plant at the start of the year."

"Phosphorus, potassium, and salinity don't change much year to year. However, the tests show you trends over time that gives clues about your fertilizer management," he adds. "If your phosphorus is gradually improving, that is a sign you're doing a pretty good job of matching at least what you are taking off the land."

Nitrogen

"We hear lots of concern over nitrogen loss, so you need to consider your risk," explains Pauly. "Your loss potential over winter is fairly low if you are in an area where you don't typically have saturated conditions in the spring. If your normal practice in the spring is banding ahead of time, your loss potential is relatively low. We seldom have the conditions in a lot of the province where we have saturated soils after a spring fertilization event. We are not at a high risk for nitrogen losses every year." He adds that there is not a lot of loss difference between a two-pass and a one-pass system.

"However, the one-pass system should be comparable as long as the soil is sealing behind your application equipment, and it is giving you the seed soil separation that it is designed to."

"If you don't want to handle a huge amount of dry fertilizer during the seeding operation, you can design a system where you are surface applying a little bit of nitrogen or a portion of that nitrogen early in the growing season and have it work very well. Short season crops are grown here. As long as the nitrogen is in the root zone by mid-June in most of the province, you can do a lot of different application strategies."

Phosphorus

How the phosphorus is placed in your field depends on what has been previously done to the land. "You will tend to see a larger effect from seed-placed phosphorus if your land is more deficient or if your phosphorus use has been less than what you have been pulling off in crops," he adds. "You can get away with having phosphorus a little farther away from the seed if your soil tests higher, or if you have been applying a reasonable amount of phosphorus over time."

Potassium

Pauly says that the soil test for potassium is fairly reliable. "If you are above 300 lb. of potassium

based on zero to six-inch sample, the chances of you seeing a benefit from fertilizing with potash are pretty slim. But, if you are below 200 lb., then the chances of you seeing a response to your potassium on your cereal crops is actually pretty good."

"Potassium can be a benefit to land that has been silaged or had a lot of hay production. Where you are taking a lot of biomass off, potassium levels can be drawn down to the point that a chance of seeing a benefit from potassium fertilization is pretty good."

Sulphur

Gaging sulphur levels in soil test samples can be difficult to determine as it is mobile and can accumulate in so-called hot spots. "That's why typically I suspect most producers who are growing canola are putting down about 15 lb. of sulphur per acre regardless what is found in the soil test," he says.

From www.alberta.ca



Environmental Stewardship and Climate Change (ES&CC) Producer Program Funding List Categories A to C

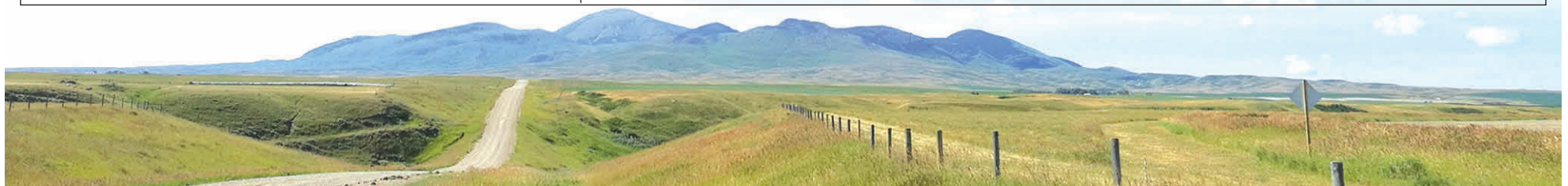
Grant funding cost share of 30%-70% of eligible expenses to complete the project

The Environmental Stewardship and Climate Change Producer Program supports active producers and commercial manure applicators with assessing their environmental risks and implementing beneficial management practices (BMP's) that reduce the risk of agricultural contaminants entering water or soil resources, benefit their business, enhance public trust and reduce the impacts of climate change.

Minimum payment an Applicant may receive under the program is \$500.

Project	Eligible Costs
Category A - Riparian Management	
<p>Riparian Area Fencing and Management FUNDING MAXIMUM: \$75,000 COST SHARE: If approved: 30%, 50%, or 70% PURPOSE: Fencing helps manage livestock access to environmentally sensitive areas on the farm property resulting in protection of aquatic life, riparian vegetation, wildlife habitat and water quality.</p>	<ul style="list-style-type: none"> • Permanent fencing for controlled access or exclusion as part of a riparian area fencing and management project • Cross fencing only if it is part of a riparian management project • Purchase and planting of native trees and shrubs and/or native or non-invasive introduced species of grass and legumes^s • Cultural weed control systems and mulch • Seed and seeding operation for revegetation • Applicant's equipment use and labour (at set program rates) Total In-kind costs (labour and equipment) shall not exceed 50% of eligible expenditures
<p>§ Proposed riparian species must be native to your ecoregion and are subject to approval by program staff. No ornamental species are allowed. For guidance on selecting riparian species, review the Cows and Fish document "Planning your Riparian Planting Project in Alberta".</p>	
<p>Year-Round/Summer Watering Systems* FUNDING MAXIMUM: \$50,000 COST SHARE: If approved: 30%, 50%, or 70% PURPOSE: Installation and setup of winter watering systems support winter-feeding management, reduce the build-up and off-site transport of manure nutrients and pathogens, and provide greater protection of natural water sources.</p>	<ul style="list-style-type: none"> • Portable watering systems • Troughs, stock tanks, plastic tanks or similar water storage • Heat tape or heated waterers • Pumping systems • Power sources such as solar panels, windmills, etc. and other electrical supplies • Plumbing materials • Surface, shallow or deeply buried pipelines - if used to distribute water within a pasture and protect a water source • Applicant's equipment use and labour (at set program rates)
<p>Watercourse Crossings FUNDING MAXIMUM: \$10,000 COST SHARE: If approved: 30%, 50%, or 70% PURPOSE: Manage livestock access across a watercourse by maintaining bank stability and reducing the time cattle spend in the waterbody will reduce impacts on riparian areas and maintain or improve water quality.</p>	<ul style="list-style-type: none"> • Construction materials and supplies to construct a watercourse crossing in accordance with the Water Act • In-kind labour and equipment at set program rates
<p>Riparian Management Strategies - OPEN FUNDING MAXIMUM: \$100,000 COST SHARE: If Approved: 30%, 50%, or 70% PURPOSE: Grazing management solutions that address an environmental risk.</p>	<p>Eligible Costs/Ineligible Costs:</p> <p>Projects of this nature will be assessed on an individual basis by a technical review panel and must have technical merit. Applications under this category must clearly describe an environmental risk and explain how the suggested project(s) will mitigate the risk. The larger the environmental risk, the larger the granted cost-share.</p>
<p>Wetland and Riparian Assessments FUNDING MAXIMUM: \$100,000 \$15,000 per Wetland or Riparian Assessment COST SHARE: If approved: 50% PURPOSE: Assessment of wetlands and riparian areas to collect site information and evaluate potential solutions that will improve surface water management for agricultural operations and address environmental issues.</p>	<p>Engineering and consultant fees to conduct the following:</p> <ul style="list-style-type: none"> • Economic analysis of options; • Riparian and or wetland health assessment • Land survey
Category B - Manure and Livestock Facilities Management	
<p>Engineering investigation and/or feasibility assessment FUNDING MAXIMUM: \$15,000 COST SHARE: If Approved: 70% PURPOSE: To allow producers to use a qualified third party to identify an existing environmental risk at an existing facility and to evaluating potential solutions to minimize or eliminate the environmental risk and improve manure management.</p>	<p>Engineering and consulting fees to conduct site investigation to identify the existing environmental risk on a site or to assess options when addressing the risk. They can include the following:</p> <ul style="list-style-type: none"> • Subsoil investigation to identify the level of environmental risk; • Hydrogeological assessment; • Economic analysis of options; • Land survey <p><i>*Reports may be used to support any Category B project.</i></p>

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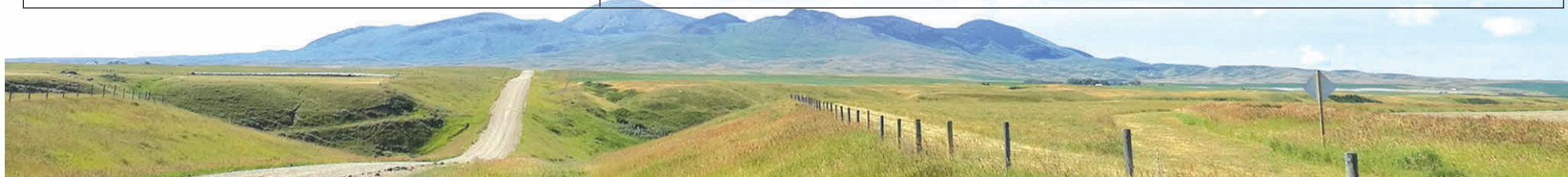


Environmental Stewardship and Climate Change (ES&CC) Producer Program Funding List Categories A to C

Continued from Page 10

Project	Eligible Costs
Category B - Manure and Livestock Facilities Management	
<p>Construction or upgrade of a surface water management system FUNDING MAXIMUM: \$100,000 COST SHARE: If Approved: 30%, 50%, or 70% PURPOSE: To protect water quality by installing or upgrading surface water control systems to reduce run on of clean water onto the livestock facility and control runoff from the livestock facility</p>	<p>Eligible Costs/Ineligible Costs: All applications under this activity code will require a site inspection prior to construction taking place.</p> <p>Enhancement that improve run on activi ties: • Water diversions (i.e. eaves troughs), berms, culverts • Features that reduce snow accumulation – windbreaks, shelterbelts, snow fence Enhancements that improve the management of run-off water flow: • Installation of culverts connecting pens under roads • Catch basin construction or expansion • Construction of retention or settling ponds • Construction of collection channels between pens and catch basin • Catch basin synthetic liner • Engineering and/or survey fees for design of surface water control systems improvements</p>
<p>Improved Manure Storage Facilities FUNDING MAXIMUM: \$100,000 COST SHARE: If Approved: 30%, 50%, or 70% PURPOSE: Improve an existing manure storage facility in order to address an existing water quality risk created by potential facility over-flow or the need to winter spread manure.</p>	<p>Eligible Costs/Ineligible Costs: All applications under this activity code will require a site inspection prior to construction taking place.</p> <ul style="list-style-type: none"> • Construction costs to rebuild an equivalent or adequately sized facility in a location that has less environmental risk than the original site. • Plumbing, electrical, fence lines, feeding areas, shelter/wind protection • Tear down and removal costs of the old livestock facility - if part of a new replacement livestock facility project. • Re-vegetation costs (e.g. seed, seeding, plantings etc.) for the old site • Applicant's equipment use and labour at set program rates
<p>Relocation of a Livestock Facility and Permanent Wintering Site or Confined Feeding Operation FUNDING MAXIMUM: \$100,000 COST SHARE: If Approved: 30%, 50%, or 70% PURPOSE: Relocate a livestock facility that poses a significant risk to water quality or the environment, and properly remove the existing facility</p>	<p>Eligible Costs/Ineligible Costs: All applications under this activity code will require a site inspection prior to construction taking place.</p> <ul style="list-style-type: none"> • Construction costs to rebuild an equivalent or adequately sized facility in a location that has less environmental risk than the original site. • Plumbing, electrical, fence lines, feeding areas, shelter/wind protection • Tear down and removal costs of the old livestock facility - if part of a new replacement livestock facility project. • Re-vegetation costs (e.g. seed, seeding, plantings etc.) for the old site • Applicant's equipment use and labour at set program rates
<p>Improved Land Application of Manure FUNDING MAXIMUM: \$100,000* COST SHARE: If Approved: 30%, 50%, or 70%* *Refer to Appendix 1 for detailed funding caps and cost-shares per eligible item PURPOSE: To increase safety and public awareness during field application of manure. To adopt technologies that result in more efficient nutrient use and decrease nutrient loss through run-off and volatilization. To adopt management practices that improve record-keeping, nutrient management and compliance with AOPA legislation.</p>	<ul style="list-style-type: none"> • Supplies and materials for an emergency manure spill kit, personnel safety (e.g., H2S monitors), or roadside public awareness (e.g., signage) • In-cab technologies to map and record application (includes monitor and subscription or unlock key) • Load cells or other weight sensors • Flow control meters and valve systems • Remote (cellular or radio) or automatic shut off valves for pumps • On the go Nutrient Analysis Technology* • Surface banding delivery system • Injection delivery system • Costs to convert existing equipment to surface banding or injection delivery systems • Vertical Spreader assembly • Supply/mainline *limited to 3 km (2 miles) • Drag hose *limited to 800m (1/2 mile) • Main and booster pumps for dragline systems. MUST include an automatic shut off feature • In-field temporary manure storage systems (specifically: fillable bags or bladders for dragline systems) • Traveling gun for catch basin management • Compost turners • Auto inflate/deflate systems • Road crossings, directional drilling for dragline systems (culvert under or pipes over) • Applicant's equipment use and labour at set program rates • *On the go nutrient analysis (https://www.deere.com/en_INT/products/equipment/agricultural_management_solutions/precision_farming_solutions/manure_sensing/manure_sensing.page)

Continues on Page 12



Environmental Stewardship and Climate Change (ES&CC) Producer Program Funding List Categories A to C

Continued from Page 11

Project	Eligible Costs
Category B - Manure and Livestock Facilities Management	
<p>Manure and Livestock Facilities Management Strategies – OPEN FUNDING MAXIMUM – \$100,000 COST SHARE: If Approved: 30%, 50%, or 70% PURPOSE: Manure management solutions that reduces the environmental risk from a manure or livestock facilities</p>	<p>Activities which are not explicitly ineligible and which can be shown to meet or exceed the program goals such as common and proven management practices which are determined to be the best fit in addressing environmental risk. Projects of this nature will be assessed on an individual basis by a technical review panel and must have technical merit. The technical review panel will determine whether the application is classified as a manure and livestock management strategy or an innovative solution. Any items listed in any ineligible column in the Funding List are not eligible under this category.</p>
Category C - Agricultural Input and Waste Management	
<p>Improved Pesticide Management FUNDING MAXIMUM: \$10,000 COST SHARE: If Approved: 30% for new sprayer or 50% for retrofit of existing sprayers PURPOSE: Sprayer equipment modifications reduce the risk of movement of agrochemicals to non-target areas, providing greater protection of biodiversity, buffer zones and water quality. Improved crop and pest monitoring increases the efficacy of application and reduces the amount of agrochemicals released into the environment.</p>	<ul style="list-style-type: none"> • Spray Boom Remote Control • On-board rinse-water tanks • Chemical injection systems • Pulse-Width Modulating nozzle systems • Recirculating booms • Sectional control systems – controllers, software, plumbing, valves.
<p>Improved Nutrient Management FUNDING MAXIMUM: \$15,000 COST SHARE: If Approved: 30% or 50% PURPOSE: Sectional control increases fertilizer nutrient efficiency and minimizes the loss of excess fertilizer nutrients from entering the environment and affecting water quality or contributing to greenhouse gas emissions.</p>	<ul style="list-style-type: none"> • Controllers, software, subscriptions or “unlock codes” for management/operation of sectional control • Sectional control systems for application of granular, liquid or gaseous fertilizer.
<p>Plastic Rollers and Compactors FUNDING MAXIMUM: \$7,000 COST SHARE: If Approved: 70% PURPOSE: Rolling and compacting agricultural sheet plastics allows for more convenient and safe storage on farm prior to being transported to an approved recycling site. This practice will eliminate the need to dispose of plastics on farm.</p>	<ul style="list-style-type: none"> • Stand-alone grain bag roller expressly for rolling agricultural plastics. • Grain bag rollers as an attachment to an existing grain bag extractor. • Compactors for silage plastic
<p>Shelterbelts & Eco-Buffers FUNDING MAXIMUM: \$10,000 COST SHARE: If Approved: 50% PURPOSE: Establishment of permanent shelterbelts* which supports winter-feeding management, reduces manure nutrient build-up and protects water sources. *Minimum shelterbelt length is 100m in order to be eligible for funding</p>	<ul style="list-style-type: none"> • First-year establishment costs, such as site preparation, planting, weed control • Purchase of trees and shrubs\$ to a maximum of \$5/tree or shrub. • Wood and plastic mulch • Watering system components including (but not limited to): trickle or drip systems, delivery hose/pipe and emitters • Shelterbelts surrounding farm sites • Applicant's equipment use and labour (at set program rates)** **Total In-kind costs (labour and equipment) shall not exceed 50% of eligible expenditures. • First year fencing expenses for the purpose of excluding livestock from the shelterbelt, including: <ul style="list-style-type: none"> • Permanent barbed/electric fencing systems • Construction materials and supplies *note: all materials <u>must be newly purchased materials</u> and not materials on hand
<p>§ Proposed Shelterbelt/Eco-buffer tree and shrub species must be native to your ecoregion and are subject to approval by program staff. No ornamental species are allowed. For guidance on selecting shelterbelt and eco-buffer species, review the Agroforestry & Woodlot Extension Society's document "Practical Guide To Establishing An Eco-Buffer".</p>	
<p>Agricultural Input and Waste Management Strategies – OPEN FUNDING MAXIMUM: \$100,000 COST SHARE: If Approved: 30%, 50%, or 70% PURPOSE: Agricultural inputs and waste management solutions that address an environmental risk and/or reduces the impacts of climate change.</p>	<p>Activities that are not currently, explicitly ineligible and which can be shown to meet or exceed the program goals such as common and proven management practices that are determined to be the best fit in addressing environmental risk. Projects of this nature will be assessed on an individual basis by a technical review panel and must have technical merit. Any items listed in any ineligible column in the Funding List are not eligible under this category. * Fuel tanks are not eligible Potential Eligible Projects.</p>

