

**AGENDA
 CLEAR HILLS COUNTY
 AGRICULTURAL SERVICE BOARD MEETING
 February 13, 2017**

The Agricultural Service Board meeting of Clear Hills County will be held on Monday, February 13, 2017 at 10:00 a.m. in the Council Chambers of the County Office, Worsley, Alberta.

1.	CALL TO ORDER	
2.	AGENDA	
3.	ADOPTION OF PREVIOUS MINUTES	
	a. January 9, 2017	2
4.	Delegation(s)	
5.	BUSINESS ARISING	
6.	OLD BUSINESS	
	a. Activity Report	7
	b. Towable Backhoe	10
	c. Glyphosate Tolerant Wheat	24
7.	NEW BUSINESS	
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11.	ADJOURNMENT	

**MINUTES OF CLEAR HILLS COUNTY
AGRICULTURAL SERVICE BOARD MEETING
COUNCIL CHAMBERS, Worsley, Alberta
January 9, 2017**

PRESENT

Brian Harcourt	Chair
Charlie Johnson	Council Representative
MacKay Ross	Member
Baldur Ruecker	Deputy Chair
Julie Watchorn	Member
Garry Candy	Member

IN ATTENDANCE

Sarah Hayward	Community Development Clerk
Greg Coon	Agricultural Fieldman
Audrey Bjorklund	Community Development Manager

IN REGRET

CALL TO ORDER

Chair Harcourt called the meeting to order at 10:08 a.m.

AGENDA

AG1(01/09/17)

**RESOLUTION by Member Ross that this Agricultural Service Board adopts the agenda governing the January 6, 2017 Agricultural Service Board meeting with the following additions:
6 E. Environmental Stream Funding Application
7 C. Dugout Vegetation Removal CARRIED.**

AG2(01/09/17)

RESOLUTION by Deputy Chair Ruecker that this Agricultural Service Board adopts the minutes of the December 12, 2016 Agricultural Service Board Meeting as presented. CARRIED.

AG3(01/09/17)

RESOLUTION by Member Ross that this Agricultural Service Board adopts the minutes of the December 12, 2016 Agricultural Service Board Organizational Meeting as presented. CARRIED.

DELEGATION

OLD BUSINESS

Activity Report

The Board is presented with the Agricultural Service Board Activity Report.

AG4(01/09/17)

RESOLUTION by Member Watchorn that this Agricultural Service Board accepts the January 9, 2017 Agricultural Service Board Activity Report as presented. CARRIED

Agricultural Service Board Business Plan

The Board tabled the draft 2017-2019 Agricultural Service Board Business Plan to this meeting for further consideration. The list of action items that require direction from the Board was circulated by email for the Board's review and feedback after the December meeting.

AG5(01/09/17)

RESOLUTION by Councillor Johnson that this Agricultural Service Board recommend Council lower the rental rate on the tree spade from \$150.00 a day to \$50.00 a day to promote the establishment of shelterbelts. **CARRIED.**

AG6(01/09/17)

RESOLUTION by Member Ross that this Agricultural Service Board approve the 2017-2019 Agricultural Service Board Business Plan with the following amendments:

1. Carcass Disposal – Option 3: Revise Action by holding workshops
2. Encourage producer education by reimbursement of registration fees and travel costs for agricultural workshops and conferences – Option 1 continue Agricultural Improvement Policy 6302 Section 2.2 and do more advertising.
3. Maintain cost recovery goal of 70% for Trade Show – Option 1 no change
4. VSI Membership Fees – Option 1 no change
5. Annual Farm Safety Poster Contest – Removing from Business Plan as farm safety education in schools is now provided by provincial agency.
6. Encourage education of young farmers by reimbursing registration fees and travel costs for young farmers to attend conferences and workshops – Continue Agricultural Improvement Policy 6302 Section 2.2 and defined Young Farmers as up to the age of 35
7. 50% cost recovery of the annual operating costs of the rental program – include maintenance in the operating costs
8. 50% capital costs per unit and 100% of maintenance – remove this item from the Business Plan (see #7)
9. Enter into agreements with agents to provide satellite yards for rental equipment – Option 1 – Continue with current policy of reducing rental rate by half a day for users more than 50kms from County office.
10. Roadside Beautification – Remove as Public Works is responsible for roadside garbage clean-up. Weed related matters are addressed in the Business Plan
11. Tag Readers – Option 2 pass this item on to the Peace Country Beef and Forage Association.
12. Offer workshops on animal health and wellness – Remove from Business Plan as provided federally
13. Utilize provincial funding for 3rd party traceability – Remove from Business Plan
14. Support the Peace Country Beef and Forage Association – Option 1 continue supporting the Peace Country Beef and Forage Association

Date, Time and Place
Of Board Meetings

15. Shelterbelt Program – Option 1 continue with this program

The Board tabled this item from the December 12, 2016 Organizational Meeting since not all the members were present.

AG7(01/09/17)

RESOLUTION by Member Watchorn that this Agricultural Service Board authorize that ten (10) regular meetings are to be held the second Monday of each month except May when the meeting will be held the first Monday; meetings will start at 10:00 a.m.; and no meetings will be held in April or August. At the call of the Chair, special meetings shall be posted 48 hours in advance. CARRIED.

Municipal Weed
Control

Minister Carlier has responded to the letter of concern Council sent regarding the spread of noxious and prohibited noxious weeds due to the movement of traffic, equipment, and people. In the letter of reply, the Minister is offering to meet with the County and representatives from the urban authorities within Clear Hills County (Village of Hines Creek) to discuss obligations under the Act. The Board is provided with the draft response letter that will be presented to Council tomorrow, January 10, 2017, and it is requested to provide direction on additions or deletions if any.

AG8(01/09/17)

RESOLUTION by Member Ross that this Agricultural Service Board recommend that Council sends the letter of response to Minister Carlier regarding the spread of noxious and prohibited noxious weeds, pointing out concerns are not with the immediate area, rather traffic, equipment, people, coming from outside the region and province as presented. CARRIED.

Add-In: Environmental
Stream Funding
Application

The Board is presented with the 2017-2019 Environmental Stream Funding portion of the Agricultural Service Board Grant application, as prepared by Peace Country Beef and Forage Association.

AG9(01/09/17)

RESOLUTION by Member Ross that this Agricultural Service Board approve the 2017-2019 Environmental Stream funding portion of the Agricultural Service Board grant application as prepared by the Peace Country Beef and Forage Association. CARRIED.

NEW BUSINESS
Events

The Board is presented with events for their consideration.

AG10(01/09/17)

RESOLUTION by Deputy Chair Ruecker that this Agricultural Service Board to authorize the attendance of Member Ross, Chair Harcourt, Deputy Chair Ruecker, Councillor Johnson and Member Watchorn to attend the 2017 Peace Agronomy update

AG11(01/09/17)

on January 18, 2017 at the Dunvegan Motor Inn in Fairview, Alberta. **CARRIED.**

RESOLUTION by Member Ross that this Agricultural Service Board authorize the attendance of Member Candy to attend the Alberta Beef Conference at the Sheraton in Red Deer, Alberta on February 15-17, 2017. CARRIED.

Chair Harcourt adjourned for lunch at 11:45 a.m.
Chair Harcourt reconvened at 12:17 p.m.

Well Decommissioning
Under Growing
Forward 2

Board Member Ross requested administration bring information to the Board regarding well decommissioning funding through the Growing Forward 2 Program.

AG12(01/09/17)

RESOLUTION by Deputy Chair Ruecker that this Agricultural Service Board accept the information and discussion regarding well decommissioning funding through the Growing Forward 2 program as presented. CARRIED.

Dugout Vegetation
Control

Member Ross asked that this be added to today's agenda.

AG13(01/09/17)

RESOLUTION by Member Ross that this Agricultural Service Board direct administration to bring back further information on a towable backhoe for dugout vegetation control to the next Agricultural Service Board meeting. CARRIED.

REPORTS

Agricultural Fieldman
Report

At this time the Agricultural Fieldman will have an opportunity to present his report.

AG14(01/09/17)

RESOLUTION by Member Ross that this Agricultural Service Board accepts the January 9, 2017 Agricultural Fieldman Report for information as presented. CARRIED.

Board Reports

At this time the Board members will have an opportunity to present their reports.

Chair Harcourt: Cattle Marketing Workshop on January 5, 2017 at the Manning Legion Hall

Deputy Chair Ruecker: Cattle Marketing Workshop on January 5, 2017 at the Manning Legion Hall and Peace Country Beef Congress on January 6-7, 2017 at the Lakota Center in Dawson Creek, BC.

Member Ross: Attended the Peace Country Beef Congress on January 6-7, 2017 at the Lakota Center in Dawson Creek, BC.

Member Watchorn: Attended the Peace Country Beef Congress on January 6-7, 2017 at the Lakota Center in Dawson Creek, BC.

AG15(01/09/17)

RESOLUTION by Member Watchorn that this Agricultural Service Board accepts the Board members' written and verbal reports of January 9, 2017 for information. CARRIED.

INFORMATION &
CORRESPONDENCE

The Board is presented with correspondence to review.

1. Fusarium Head Blight – Article – (63-10-02)
2. Alberta Plant Health Lab – Article – (63-10-02)
3. Save the Date – Brochure - (63-10-02)

AG16(01/09/17)

RESOLUTION by Member Candy that this Agricultural Service Board receives the information and correspondence of January 9, 2017 as presented. CARRIED.

ADJOURNMENT

Chair Harcourt adjourned the meeting at 1:21 p.m.

CHAIR

AGRICULTURAL FIELDMAN

Clear Hills County

Request For Decision (RFD)

Meeting:	Agricultural Service Board
Meeting Date:	February 13, 2017
Originated By:	Greg Coon, Agricultural Fieldman
Title:	ACTIVITY REPORT
File:	63-10-02

DESCRIPTION:

The board is presented with the Agricultural Service Board Activity Report.

BACKGROUND:

The Activity report is helpful to administration and the board for tracking the status of resolutions and directions from the board. Items will stay on the report until they are completed. Items that are shaded indicate that they are completed and will be removed from the list once presented at the current Agricultural Service Board meeting.

ATTACHMENTS:

- Agricultural Service Board Activity Report

RECOMMENDED ACTION:

RESOLUTION by _____ that this Agricultural Service Board (ASB) accepts the February 13, 2017 ASB Activity Report as presented.

Initials show support - Reviewed by: Manager: <i>ABj</i> AgFieldman: <i>GC</i>
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Senior Management Team Agricultural Service Board

Activity Report for, February 13, 2017 Page 1 of 2

Budget Items:

CAO = Chief Administrative Officer

DO= Development Officer

EA = Executive Assistant

Completed Items:

CSM = Corporate Services Manager

AF = Ag. Fieldman

CDM = Community Development Manager

MOTION	DATE	DESCRIPTION	DEPT	STATUS
REGULAR AGRICULTURAL SERVICE BOARD MEETINGS				
March 18, 2016				
AG48	(03/18/16)	RESOLUTION by Member Ross that this Agricultural Service Board direct administration to arrange an Alternative Land Use Services (ALUS) joint meeting with M.D. of Fairview No. 136 and M.D. of Peace No. 135 in October 2016.	AF	Meeting scheduled for February 22, 2017
October 17, 2016				
AG109	(10/17/16)	RESOLUTION by Deputy Chair Ruecker that this Agricultural Service Board submit the following resolution to the Regional Agricultural Service Board Conference: WHEREAS glyphosate tolerant canola is not accepted by Japan, European Union and South Korea. WHEREAS glyphosate tolerant alfalfa is not accepted in Japan European Union, China and South Korea. THEREFORE BE IT RESOLVED THAT PEACE REGION AGRICULTURAL SERVICE BOARDS REQUEST that glyphosate tolerant wheat not be licensed for growing in Canada to protect our world market.	AF AZ	February 13, 2017 RFD
December 12, 2016				
AG142	(12/12/16)	RESOLUTION by Councillor Johnson that this Agricultural Service Board set up a joint public workshop with the Peace Country Beef and Forage Association having speaker Michele Del Colle, Land and Energy specialist with the Farmers' Advocate Office.	AF	Meeting scheduled for March 29, 2017
AG5	(01/09/17)	RESOLUTION by Councillor Johnson that this Agricultural Service Board recommend Council lower the rental rate on the tree spade from \$150.00 a day to \$50.00 a day to promote the establishment of shelterbelts.		Council RFD February 14, 2017



Senior Management Team Agricultural Service Board

Activity Report for, February 13, 2017 Page 2 of 2

Budget Items:

CAO = Chief Administrative Officer

DO= Development Officer

EA = Executive Assistant

Completed Items:

CSM = Corporate Services Manager

AF = Ag. Fieldman

CDM = Community Development Manager

MOTION	DATE	DESCRIPTION	DEPT	STATUS
AG8	(01/09/17)	RESOLUTION by Member Ross that this Agricultural Service Board recommend that Council sends the letter of response to Minister Carlier regarding the spread of noxious and prohibited noxious weeds, pointing out concerns are not with the immediate area, rather traffic, equipment, people, coming from outside the region and province as presented.		Council approved C20(01/10/17)
AG13	(01/09/17)	RESOLUTION by Member Ross that this Agricultural Service Board direct administration to bring back further information on a towable backhoe for dugout vegetation control to the next Agricultural Service Board meeting.		February 13, 2017 RFD
Items in Waiting				
AG133	(12/12/16)	RESOLUTION by Member Watchorn that this Agricultural Service Board table the discussion around the CombCut Selective Mower and bring back information once the University of Saskatchewan field trial study is complete.		2020 OR 2021
AG60	(06/13/16)	RESOLUTION by Deputy Chair Ruecker that this Agricultural Service Board requires all Agricultural Service Board members to attend the Clear Hills County Agricultural Trade Show and Farmers' Appreciation Banquet.		

Clear Hills County Request For Decision (RFD)

Meeting:	Agricultural Service Board
Meeting Date:	February 13, 2017
Originated By:	Greg Coon, Agricultural Fieldman
Title:	Towable Backhoe
File:	63-10-10

DESCRIPTION:

The Board requested administration bring back further information on towable backhoes.

BACKGROUND:

AG13(01/09/17) RESOLUTION by Member Ross that this Agricultural Service Board direct administration to bring back further information on a towable backhoe for dugout vegetation control to the next Agricultural Service Board meeting.
CARRIED.

OPTIONS:

- Accept for information
- Recommend including \$_____ in year ____ of the multi-year capital plan

ATTACHMENTS:

- Prairie Coast Equipment email and literature
- FCM Group literature
- DR Equipment literature
- Grande Prairie Kubota email

BUDGET/COST:

Range of \$5999.00 low end to \$11,800.00 high end

RECOMMENDED ACTION:

RESOLUTION by _____ that this Agricultural Service Board

Initials show support - Reviewed by: Manager:

ABJ

AgFieldman:

GC

Greg Coon

From: Logan Rewerts <lrewerts@pcequip.ca>
Sent: February-06-17 10:05 AM
To: Greg Coon
Subject: 3pt Backhoe

Hi Greg,

When i got looking into the backhoe your wondering about, i found a Wallenstein GX920 is probably your best option. Here is what i have come up with:

A Wallenstein GX920 backhoe digs 9 feet deep and can be mounted on a 3pt hitch. We recommend using a subframe mounting kit as it is a big more robust way to handle the stress of the backhoe.

The GX920 is \$9633

The 3pt hitch mount kit is \$761.00

An 18" bucket is \$737.00

If you decide to go with the sub frame kit instead of the 3pt kit, it is \$1332.00 and you would not need the 3 point kit for the \$761.00.

The tractor you rent will need at least 5GPM hydraulic flow. There is a PTO pump kit available for \$1332.00 if the tractor does not meet this requirement.

Here is a link to some literature on the GX920.

<http://www.wallensteinequipment.com/ca/en/model/gx920-compact-backhoe>

Please let me know if i can answer any questions for you.

Thanks Greg!



Logan Rewerts | Agriculture Sales Representative
11520-101 ave Box 2139 Fairview, Alberta T0H 1L0
Direct 780-835-4440 | Cell 780-834-6508 | PCE Ext 2212 Fax 780-835-3634

YouTube    www.prairiecoastequipment.com



Proud to be a Best Managed Company
2013, 2014, 2015

WALLENSTEIN



GX920 COMPACT BACKHOE

The large GX920 extends the usefulness of 45–100 HP tractors with digging capabilities of 9-foot deep. Trenching for footings and excavating to spec becomes quick and easy without the added expense of a single-purpose

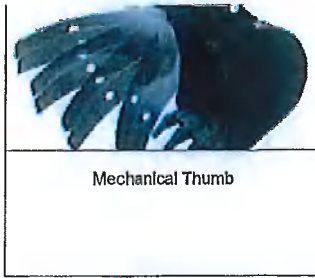
Wallenstein Rancho Backhoe



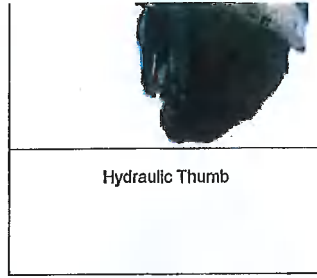
DEALER LOCATOR

FEATURES:

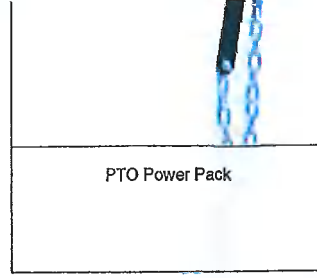




Mechanical Thumb



Hydraulic Thumb



PTO Power Pack

SPECIFICATIONS:

DIGGING DEPTH:	9'4"	BOOM LIFT CAPACITY:	750 LBS.
TRANSPORT HEIGHT (WITH BOOM FULLY RETRACTED):	92"	TRANSPORT WIDTH (WITH STABILIZERS UP):	42½"
LOADING HEIGHT:	89"	GROUND CLEARANCE:	10½"
TRANSPORT LENGTH:	81"	OVERALL OPERATING HEIGHT (FULLY RAISED):	135"
REACH FROM SWING POST:	141"	BUCKET ROTATION:	180°
SWING ARC:	180°	STABILIZER WIDTH (SPREAD):	89"
OPERATING PRESSURE:	2250 PSI	SAE* DIPPER BOOM DIGGING FORCE:	3200 LBS.
SAE* BUCKET DIGGING FORCE:	3925 LBS.	HYDRAULIC VOLUME REQUIREMENTS:	MIN. 5 GPM
RECOMMENDED TRACTOR HP:	45-100	RECOMMENDED SKIDSTEER REQUIREMENTS (SSQT):	30-100
BUCKET SIZES AVAILABLE:	9, 12, 15, 18, 24"	3 POINT HITCH:	CAT I (PT300) / CAT II (PT322)
MAIN BOOM CYLINDER DIAMETER:	3"	DIPPER CYLINDER DIAMETER:	2.5"
BUCKET CYLINDER DIAMETER:	2.5" (x2)	SWING CYLINDER DIAMETER:	2.5"
STABILIZER CYLINDER DIAMETER:	3"	SHIPPING WEIGHT:	791 LBS.

Spider 1600

- Brand: FCM
- Product Code: Remorquable / Towable
- Availability: Pre-Order

• **11,800.00\$**



- [Description](#)
- [Reviews \(0\)](#)

Our powerful excavator that can tackle big jobs while being easily towable. Its hydraulic outriggers allow it to adapt to the difficult terrain.

FEATURES:

- Rugged & powerful
- The perfect tool for big jobs
- Hydraulic thumb: ideal for forestry work
- Hydraulic stabilizers: quickly adapt to difficult terrain
- High quality components
- Towed with ATV, tractor, car, etc.
- Can work attached or detached from the tow vehicle

SPECIFICATIONS:

- Industrial Engine: 9 HP Honda
- Width: 47 inches
- Weight: 1600 pounds

There are no reviews for this product.

Write a review

* Your Name

SPIDER 1600

Specifications

Maximum lift capacity /total extension	1000/400 lbs (4463/1785 N)
Bucket digging strength	3030 lbs (13 500 N)
Dipper stick digging strength	1500 lbs (14 700 N)
Motor horsepower	9 Hp/6.7KW
Weight	1543 lbs (701 kg)+120lbs/54KG with thumb
Trailer hitch ball size	Look on coupler for info
A: Overall height	76.5" (194 cm)
B: Overall length in transport position	134" (340 cm)
C: Ground clearance	7.5" (19 cm)
D: Overall height in operating position	111" (282cm)
E: Loading height	81" (206 cm)
F: Loading reach	45" (114 cm)
G: Maximum reach	110" (279 cm)
H: Maximum digging depth	80" (203 cm)
Stabilizer width in operating position	86" to 95" (218 cm to 241 cm)
Transport width	47" (119 cm)
Boom swing angle	155°
Operating pressure	2 600 psi (17926 kp)
Standard bucket width	12" / 0,85 ft* (30,5 cm / 24 liters)
Tire size	Look on each tire for info



Orbit 1200

- Brand: **FCM**
- Product Code: Remorquable/ Towable
- Availability: Pre-Order

• **11,500.00\$**

- [Description](#)
- [Reviews \(0\)](#)

This robust, powerful and very stable machine performs a continuous rotation in 360 degrees making it the perfect tool for big jobs.

CHARACTERISTICS:

- Robust, powerful and very stable
- Great work capacity
- 360 degrees continuous rotation
- Superior components
- Honda GX200 engine
- Towable by an ATV, tractor or car
- Can work attached or detached from the tow vehicle

SPECIFICATIONS:

- Engine: Honda 6.5 HP
- Transport width: 47 in
- Weight: 1200 pounds
- Digging depth: 90 in
- Bucket width: 14 in

*** Prehensible gripper isn't included with basic model**

There are no reviews for this product.

Write a review



ORBIT 1200

FEATURES

- Strong, powerful and very stable
- Great work capacity
- Continuous rotation of 360 degrees
- The perfect tool for big jobs
- Superior Components
- Honda Motor
- Towable with ATV , tractor or car
- Can work attached or detached from the tow vehicle

SPECIFICATIONS

- Engine
- Honda 6.5 HP
- Transport width
- 47 inches
- Weight
- 1200 pounds
- Digging depth
- 90 inches
- Bucket width
- 14 inches

Options:

- Mechanical gripper
- Hydraulic gripper
- Hydraulic Group with Honda 9 HP
- Hydraulic auger
- Ditch bucket
- Leveling blade



Backhoe 12 feet

- Brand: FCM
- Product Code: 1220 HDS
- Availability: Pre-Order

. 9,775.00\$

- Description
- Reviews (0)

This backhoe tractor has an impeccable reputation for its expertise in design and manufacture of more than 40 years .

CHARACTERISTICS:

- 3 points attachment
- " Joystick" control levers
- Sectional valve
- Double rotation cylinders with shock absorbers
- Amplitude 177 degrees
- Mounted on pads 58 Rockwell
- Replaceable hardened axes of rotation
- Industrial manufacturing quality
- High quality hydraulic components
- Bucket and attachment system
- included Interchangeable bucket teeth

SPECIFICATIONS :

- Digging depth : 12 ft
- Bucket 20 in
- Loading height 10 ft
- Lifting capacity at full extension 1150 lbs



WINTER SALE EXTENDED TO FEB 9 FREE SHIPPING 1 YEAR HOME TRIAL 12 MONTH WARRANTY *Some limitations

Home > Power Equipment > Backhoes > 14.5 FPT DR Towable Backhoe

14.5 FPT DR Towable Backhoe

For powerful and portable digging

SKU: 36845 | (15 reviews) | Share



Dig trenches, plant large trees, complete landscaping projects, and more with the DR Towable Backhoe. The hydraulic power system is self-contained for use anywhere, on even your toughest jobs.

List: \$7,499.99

Sale: \$5,999.99

In Stock
FREE SHIPPING to a Depot
Ships In 1 To 2 Business Days

Extend Your Warranty[®] ▾

- 1 +

Add To Cart ➔

FREE SHIPPING See shipping section below for more information

OVERVIEW ▾ FEATURES ▾ SPECS ▾ REVIEWS ▾ PRODUCT Q&A ▾ SHIPPING ▾ OTHER ITEMS ▾

The 14.5 FPT DR Towable Backhoe has power to spare for trenching, landscaping, stump removal, heavy lifting and more. Designed especially for the most demanding digging tasks, this machine is self-powered with its own hydraulic system, so there's no fussing with a 3-point hitch or hydraulic connections.

Versatile design allows you to attach the machine to your truck, ATV, UTV, or tractor and tow to virtually any location at up to 45 mph. Plus, use it freestanding for maximum maneuverability, or while attached to your towing vehicle for even better torque. The wide stance stabilizer system provides a solid anchorage to the ground, and the unique foot design allows for easy repositioning. High-performance Briggs & Stratton engine is up to any tough task!

Comes standard with:

- 12" digging bucket

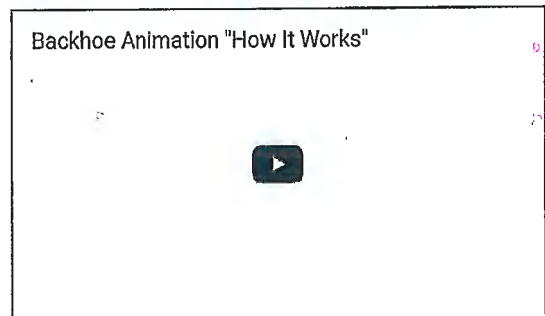
Warranty Coverage:

- Machine: 2 years residential; 90 day commercial



Learn more about DR Backhoe

Backhoe Animation "How It Works"



FEATURES



Unmatched Portability

Tows Wherever You Need it

The DR Towable Backhoe hitches to your pickup truck with a common 2" ball hitch. You can also take it off-road with your tractor, allowing you to get to places a farm tractor couldn't go easily or safely. Tires are DOT certified at up to 45 mph.



Flexible Design

Use it with or without a tow vehicle

The DR Backhoe is designed for digging attached to your tow vehicle or free-standing. Working unhitched, for lighter jobs maximum maneuverability, and means you don't have to tie up your tow vehicle if it's needed for other purposes. For rippi should leave the tow vehicle attached to provide extra anchorage.



Wide Stance Stabilizer System

Multiple legs provide a safe operating position

Wide stance stabilizer system provides maximum holdback to counter digging force and provide solid platform. Unique for you to reposition the unit, using the bucket, but resists unintentional "crawl." Front stabilizer legs have 3 positions for mod height. Rear stabilizer feet skid backward easily but resist forwardsliding.



Briggs & Stratton Professional Series Engine

The power, performance and durability of Briggs & Stratton® engines are legendary.

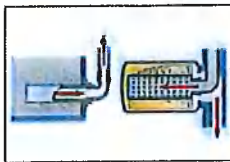
The DR Backhoe uses an easy-starting 14.5 HP (306cc) XR Professional Series engine with overhead valve and a cast ir for long life.



Valve Control Levers

Operation is simple and easy to learn

The DR Backhoe's controls are simple and intuitive, allowing you to become a proficient operator with just a little practice. controls one action: 1) the up-down action of the boom (or "upper arm"); 2) the side-to-side action of the boom; 3) the up-crowd (or "lower arm"); 4) the curl of the bucket.



Dual Filtration System

Clean fluid ensures less maintenance, better performance

Clean hydraulic fluid is essential to any machine powered by hydraulics. With the DR Backhoe, the hydraulic fluid is clean the Tank Mounted Strainer (left) and second by the Hydraulic Filter (right).

SPECS

Digging

Digging Depth
Reach
Swing Arc
Digging Force
Breakout Force

6' 4.5"
8' 8.5"
128 degrees
1,950 lbs
1,950 lbs

Engine

Make
Starting Type
Ft Lbs Torque
Displacement
Engine Type
Oil Capacity
Lubrication
Oil Type
Cooling Methods

Briggs & Stratton
Manual
14.5
306 cc
OHV
37oz
Splash
SAE 30W HD
Air Cooled

Warranty

Machine Warranty

2 years residential; 90 day commercial

Dimensions

Length
Width
Height
Weight
Shipping Dimensions
Shipping Weight

115"
64"
71"
940 lbs.
96" L X 69" W X 68" H
960 lbs.

Fuel System

Fuel Capacity 0.8 Gallons

Hydraulics

Reservoir 8.5 gal
Hydraulic Pressure 2,500 PSI
Hydraulic Flow 2.6 GPM @ 3,200 RPM

Loading

Max Lift Capacity Up to 612 lbs
Bucket Rotation 148 degrees
Loading Height 57.6"
Loading Reach 38.4"

REVIEWS

Submit a review for this product

Questions
Chat Live
or call 1

First Prev 1 2 3 Next Last

Sort By: Newest

Towable Backhoe

Posted by: Jenimy W. from Mount Ida, AR on 12/08/2016

Rating:

Awesome piece of equipment!! Very heavy duty construction, one might even say overbuilt. If you an equipment operator and use to "joystick" operator controls, it will take a little practice to a control levers. I wasn't so sure about the tire size and pulling it down the road. I'd prefer a larger size tire/wheel. However, a larger size tire can't be utilized due to the clearance between the forward stabilizers. Had a couple of issues during shipping, on the receiving end, but a quick call to Customer Service and everything was fixed up. Great folks there in Customer Service. Overall great little piece of equipment and at a fraction of the cost to adding an attachment to the back of your tractor. Some might feel that maneuverability is an issue but I just attach it to my John Deere there is no place I can't go!

2 people found this review helpful.

Was this review helpful? Yes

AN AWESOME MACHINE!

Posted by: Robert L. from berne, NY on 11/01/2016

Rating:

THIS MACHINE TOTALLY EXCEEDED MY EXPECTATIONS. IT'S POWERFUL AND EASY TO OPERATE. DIGGING DEPTH AND LIFTING CAPACITY IS UNBELIEVABLE IT ACTUALLY MAKING DIGGING JOB FUN, I'M IMPRESSED BY THE TOUGHNESS OF THE BUILD.

3 people found this review helpful.

Was this review helpful? Yes

Great tool for homeowner with projects to do

Posted by: Charles K. from STRATFORD, CT on 07/20/2016

Rating:

I purchased a reconditioned model. The machine itself is solidly built and I put a hitch onto my JD garden tractor to move it around the yard. My Suburban hitch makes it a breeze to tow off site reconditioned, I did have some issues that were resolved: a leaky fuel bowl gasket, scratches during shipment and the strapping to hold the bucket up broke upon pickup at depot; the depot was not enough to give me cloth strap so I could get it home. So DR needs, in my opinion, to pack it up a little better, and please test run the engine (would have revealed the big leak in fuel bowl gas send me touch up paint and a maintenance kit as comp for my troubles. This unit is constructed FAR better than the HF clone with good American made craftsmanship and steel. One last little Recon model shows the towing package installed yet was not included in the price, and they did not honor my inquiry on that. I plan to use this for 5-6 jobs around the house and then sell it, I am a homeowner, but renting something similar is hundreds per week and puts you on a deadline. Thanks DR, I enjoy your email ads and catalogs too. PS: I later bought a 9" bucket, tarp and a ripper are great. Charles in CT.

Response from DR Support

Thank you for letting us know about the issues you experienced. As a reconditioned unit, it should leave the building in like new condition. I apologize that it was not. I am glad to help to help rectify the situation and that you are enjoying the Backhoe around your property!

9 people found this review helpful.

Was this review helpful? Yes

little machine big machine power

Posted by: Randy L. from russell, PA on 06/18/2016

Rating:

we use this every other weekend i am a over the road truck driver and dont get the time to do every that needs to be done I haul heavy equipment and have ran it most of my life so far 2 ponds foot ditch dug and the best one is a railroad tie wall/flower & rock garden for my wife this little machine dose everything a big machine can just at a little slower pace two thumbs up five stars pictures of the big project will be on dr. powers facebook page

8 people found this review helpful.

Was this review helpful? Yes

Me

Posted by: DONALD S. from ELK CITY, OK on 08/13/2016

Rating:

Nice little backhoe. For sure better on my back then a shovel. One hydraulic piston leaking. One phone call made and new piston sent to replace.

13 people found this review helpful.

Was this review helpful? Yes

First Prev 1 2 3 Next Last

PRODUCT Q&A

Ask a Question for This Product

First Prev 1 2 Next Last

Sort By: Most Helpful

Q. digging can the dr backhoe handle rocky ground

Show Answer

Q. DOES IT ALSO COME WITH TWO LEVER JOY STICK OPTION AND HOW MUCH MORE IN PRICE

Show Answer

Questions
Chat Live
or call 1

Q. Length and width of unit in transport mode?

[Show Answer](#)

Q. Does the machine have electric start.

[Show Answer](#)

Q. Shipping charge on backhoe.
Can I save the \$499 shipping charge if I come and pick up the backhoe myself? Does it require a 2" ball?

[Show Answer](#)

Q. Attachments
Does this backhoe accept attachments like augers, blades, lifts etc?

[Show Answer](#)

Q. What size bucket is included with the purchase of the Towable Backhoe? Thanks, Gage

[Show Answer](#)

Q. Does it come road worthy with tall lights on it.

[Show Answer](#)

Q. What is the standard bucket with the backhoe? do you have a reconditioned or demostator available?

[Show Answer](#)

Q. Do you have a "thumb" for this back hoe?

[Show Answer](#)

[First](#) [Prev](#) [1](#) [2](#) [Next](#) [Last](#)

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Backhoe Bucket Package

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Sale: \$449.99

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16" Backhoe Bucket

List: \$399.99

Sale: \$199.99

[Add to Cart >](#)



Backhoe Ripper Tooth

List: \$249.99

Sale: \$124.99

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Greg Coon

From: Dustin Backus <dustin@grandeprairiekubota.com>
Sent: February-03-17 12:00 PM
To: Greg Coon
Subject: Kubota Mini Excavators

Hi Greg, I looked into towable backhoes and didn't see anything available through our distributors. I did find the towable backhoe from DR Power Equipment you were talking about online. Looks like there are a few dealers in Alberta. The closest would probably be Countryside Motor Sports in Grande Prairie. Not sure if they deal with that specific piece of equipment very much but you never know.

As for Kubota mini excavators, here's some basic info on the 3 smallest models currently in production. The MSRP pricing is what's listed on Kubota's website and only accounts for the base machine; no options like buckets and thumbs. I would never quote MSRP but it should give you a decent idea of pricing, especially the units relative to one another.

K008-3

Starting MSRP - \$25,654

10.1 hp

1.0 ton

5' 8" dig depth

*There's no thumb or quick attach options available through Kubota, but I've outfitted one with a thumb and quick attach before through AMI which worked out very well.

U17-HGS

Starting MSRP - \$33,395

15.2 hp

1.7 ton

7' 7" dig depth

*Quick attach available, but no hydraulic thumb available through Kubota. If I could get a thumb through AMI on the K008 though, there shouldn't be a problem doing the same with this unit.

U25-HGS

Starting MSRP - \$40,817

19.8 hp

2.5 ton

9' 3" dig depth

*Quick attach and hydraulic thumb available through Kubota.

You can also check out kubota's website for more info at the link below:

<https://kubota.ca/en/products/power-equipment/excavators>

Hope this helps!

Dustin Backus
General Manager
o 780.568.3416
c 780.933.8756

Clear Hills County

Request For Decision (RFD)

Meeting:	Agricultural Service Board Meeting
Meeting Date:	February 13, 2017
Originated By:	Greg Coon, Agricultural Fieldman
Title:	Glyphosate Tolerant Wheat
File Code:	63-10-40

DESCRIPTION:

The Board tabled resolution AG109(10/17/17) regarding Glyphosate Tolerant Wheat until after the 2017 Provincial Agricultural Service Board Conference to gather additional information. Has any new or pertinent information been sourced or should the resolution be rescinded?

BACKGROUND:

AG109(10/17/16) RESOLUTION by Deputy Chair Ruecker that this Agricultural Service Board submit the following resolution to the Regional Agricultural Service Board Conference:
WHEREAS glyphosate tolerant canola is not accepted by Japan, European Union and South Korea.
WHEREAS glyphosate tolerant alfalfa is not accepted in Japan European Union, China and South Korea.
THEREFORE BE IT RESOLVED THAT PEACE REGION AGRICULTURAL SERVICE BOARDS REQUEST that glyphosate tolerant wheat not be licensed for growing in Canada to protect our world market.
CARRIED.

OPTIONS:

1. Rescind motion AG109(10/17/16)
2. Accept for information.

RECOMMENDED ACTION:

RESOLUTION by _____ that this Agricultural Service Board...

Initials show support - Reviewed by:

Manager:

ABJ

AF:

AK

Clear Hills County Request For Decision (RFD)

Meeting:	Agricultural Service Board
Meeting Date:	February 13, 2017
Originated By:	Greg Coon, Agricultural Fieldman
Title:	EVENTS
File:	63-10-02

DESCRIPTION:

The Board is presented with events for their consideration.

BACKGROUND:

- 2017 UFA Farm & Ranch Insights on February 14, 2017 at the Pomeroy Hotel and Conference Centre in Grande Prairie, Alberta.
- Soil Health & Carbon Day on February 21, 2017 at the Centennial Hall, Spirit River, Alberta
- ALUS meeting on Feb 22, 2017 at the Dunvegan Motor Inn, Fairview, Alberta at 10:00am.
- Living With Wildlife Workshop on February 23, 2017 at the Grimshaw Legion in Grimshaw, Alberta.
- PCBFA Annual General Meeting on February 24th, 2017 at the Dunvegan Motor Inn, Fairview, Alberta.
- Peace Country Classic Agri-Show is on March 9-11, 2017 at the Entrec Centre in Grande Prairie, Alberta.
- Solar Power Workshop on March 15, 2017 at Westmark Hall in Woking, Alberta.
- 2017 Provincial Agricultural Service Board Summer Tour on July 10-14, 2017 in Old's Alberta.

BUDGET/COSTS:

OPTIONS:

1. Approve the attendance of one or more members to one or more of the events listed.
2. Accept for information.

ATTACHMENTS:

- Event Attendance Cost Estimate
- Calendars
- Soil Health & Carbon Day poster
- Living With Wildlife poster
- Solar Power Workshop poster
- 2017 Provincial Agricultural Service Board Summer Tour Agenda

RECOMMENDED ACTION:

That this Agricultural Service Board ...

Initials show support - Reviewed by: Manager:

ABJ

AgFieldman:

GC

Upcoming Events

Cost estimate per day per individual

Event	Location	Dates	# of days	Registration	Kms roundtrip from Worsley	Mileage	Room	Meals	Personal Allowance	Per Diem	Total Cost per person per day
2017 UFA Farm & Ranch Insights	Grande Prairie	February 14, 2017	1		455.6	\$246.02				\$165.60	\$411.62
Soil Health & Carbon Day	Spirit River	February 21, 2017	1	\$20	255.8	\$138.13				\$165.60	\$323.73
ALUS Meeting	Fairview	February 22, 2017	1		170.6	\$92.12				\$165.60	\$257.72
Living With Wildlife	Grimshaw	February 23, 2017	1	\$10	245	\$132.30				\$165.60	\$307.90
PCBFA Annual General Meet	Fairview	February 24, 2017	1	\$55	170.6	\$92.12				\$165.60	\$312.72
Peace Country Classic	Grande Prairie	March 9-11, 2017	3		455.6	\$246.02				\$165.60	\$742.82
Solar Power Workshop	Woking	March 15, 2017	1	\$25	282.8	\$152.71				\$165.60	\$343.31
Provincial ASB Summer Tour	Olds	July 11-14, 2017	3	\$475	1656.2	\$894.35	\$150.00	\$25.00	\$40.00	\$165.60	\$2,511.15

February 2017

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
			1	2	3	4
5	6	7 Peace Country Beef Cattle Day DMI Fairview 9:00am All	8	9	10	11
12	13 ASB Meeting All	14 Council Meeting UFA Farm & Ranch Insights	15 Alberta Beef Conference GC	16	17 Organic Alberta Conference MR	18
19	20	21 Soil Health & Carbon Day	22 ALUS Meeting MR, GC, JW	23 Living with Wildlife Workshop	24 PCBFA Annual General Meeting DMI Fairview 4:30pm	25
26	27	28				

February 7th – Peace Country Cattle Day Dunvegan Motor Inn, Fairview, Alberta
 February 15th-17th - Alberta Beef Conference, Sheraton in Red Deer, Alberta
 February 17th-18th – Organic Alberta Conference in Lacombe, Alberta
 February 21st- Soil Health & Carbon Day, Centennial Hall, Spirit River, Alberta
 February 22nd- ALUS Meeting, location to be announced
 February 23rd- Living with wildlife workshop at the Grimshaw Legion in Grimshaw, Alberta
 February 24th- PCBFA Annual General Meeting Dunvegan Motor Inn, Fairview, Alberta

Legend:

BH – Brian Harcourt
 BR – Baldur Ruecker
 MR – MacKay Ross
 GC – Garry Candy
 JW – Julie Watchorn
 CJ – Charlie Johnson
 All – All available members

March 2017

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
			1	2	3	4
5	6	7	8	9 Peace Country Classic Agri- Show	10	11
12	13 ASB Meeting	14 Council Meeting	15	16	17	18
19	20	21	22	23	24	25
26	27	28 Council Meeting	29 Land Owner Service Rights	30	31	

March 9-11th- Peace Country Classic Agri-Show at the Entrec Centre, Grande Prairie
 March 29th- Land Owner Service Rights at the Community Centre in Worsley, Alberta.

Legend:
BH – Brian Harcourt
BR – Baldur Ruecker
MR – MacKay Ross
GC – Garry Candy
JW – Julie Watchorn
CJ – Charlie Johnson
All – All available members

2017 UFA FARM & RANCH INSIGHTS

Please join UFA and our industry experts at the Farm & Ranch Insights Tour in Grande Prairie on Tuesday, February 14.

**Location: Pomeroy Hotel and Conference Centre
11633 - 100 Street | Grande Prairie, AB**

This year will feature both a Livestock and Crop component that will run concurrently in separate breakout rooms. Attend a focused business track or mix and match between the sessions, based on your preference.

It will be a full, information-packed day that runs from 10:00 a.m. to 4:00 p.m. Included is a hearty lunch, insight into this year's petroleum direction, networking opportunities and getting your tough questions answered by our presenters.

There is one additional location in February that you may want to consider, should the timing of this event not work for you - Vermillion (February 15).

**NO
CHARGE**
(for Attendance or Lunch)

AGENDA

	Track A	Track B
10:00 a.m. - 11:00 a.m.	New Varieties for Summer and Winter Grazing Strategies Dr. Bart Lardner	The Essentials of Essential Nutrition Elston Solberg Agri-Trend
11:15 a.m. - 12:15 p.m.	Animal Health Relative to Profitability Dr. Simon Timmermans Inc.	The Future Benefits of Plant Molecular Biology for Your Crops Dr. Ian Tetlow University of Guelph
12:15 p.m. - 1:30 p.m. lunch	Regional and Global Direction of the Petroleum Industry Don Smith UFA	Regional and Global Direction of the Petroleum Industry Don Smith UFA
1:30 p.m. - 2:30 p.m.	Secret of Mineral Nutrition D.J. Woodward, ADM Alliance Nutrition	2017 Market Outlook Larry Weber Weber Commodities
2:45 p.m. - 3:45 p.m.	2017 Cattle Market Update Anne Wasko Gateway Livestock Exchange	Benefits of Grain Conditioning Derek Johnson AGI
3:45 p.m. - 4:00 p.m.	Q & A and Closing	Q & A and Closing

*Speakers subject to change.

To register, please contact your local Customer Account Manager (CAM) directly or call Jackie Bean at (403) 570-4639.

Please RSVP asap to:

Or Terry @ 780-835-2288

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Soil Health & Carbon Day

Tuesday, February 21st

10:30am registration

Centennial Hall, Spirit River

Cost: \$20/member, \$30/non-member

Lunch & refreshments included

Featuring:

Ranch-Scale Carbon Sequestration & Grazing Management

**Dr. Richard Teague, Associate Resident Director & Professor,
Texas A&M AgriLife Research**

Soil Health for Carbon Sequestration

Dr. Yamily Zavala, Crop & Soil Health Management Specialist, CARA

Carbon Offsets & Other Environmental Markets

Paul Jungnitsch, Greenhouse Gas Offset Agrolologist, Alberta Ag & Forestry



To register or for more information, please contact Jen with PCBFA at 780-835-6799 or jen@pcbfa.ca



Living with Wildlife Workshop

Thursday, February 23rd

9:00am Registration

Grimshaw Legion

Cost: \$10/member, \$15/non-member

Lunch will be served

Do you have issues with wildlife on your farm? Please join us to:

- ♦ Share your own knowledge and experiences with wildlife
- ♦ Learn how to properly encourage beneficial species on your land, and
- ♦ How to discourage pest species through different management practices

Special Guest Speakers will be discussing both the good and the bad of wildlife related issues on farms in the Peace Country, including topics on:

- ♦ Predators (i.e. wolves, cougars, bears)
- ♦ Alternate Land Use Services program
 - ♦ Sharp-tailed Grouse habitats
 - ♦ Wildlife-friendly fencing
 - ♦ Elk depredation
 - ♦ Bats and birds
 - & more!



To register or for more information, please contact Jen with PCBFA at 780-835-6799 or jen@pcbfa.ca



Agri-Show

The 32nd Peace Country Classic Agri-Show is being held March 9-11 this year and it is shaping up to be even better than last year when an estimated 20,000 people attended.

Exhibitor space has pretty much been filled to capacity both inside and outside the ENTREC Centre; the ATB Financial Northern Classic Bull Sale will no doubt fill up the Drysdale Centre again; the AFSC Petting Zoo at the Drysdale Centre will be especially busy this year because the first two days of the show are teacher's convention days and the kids aren't in school; which means the Investor's Group Kidz Zone in the ENTREC Centre will also be crowded (free Troyer Town passes for the first 1,000); and that also augers well for participation at 4-H events at the Drysdale Centre.

One of the more intense activities last year was the Kids Auction in the ENTREC Centre. It's back



and there will be some more great donated prizes. All children who donate an item to the Food Bank will get some "cash" back and they can use it to "purchase" the prizes in a live auction with a live auctioneer provided by Michener Allen.

The Horse Show returned last year and it was amazing. The Lewis Hawkes Pavilion is the site again this year and it promises to be just as good or better.

The Peace Country Classic Agri-Show is the largest of its kind in northwestern Alberta and one of the largest in western Canada.

Clarkson Hall, newly renovated thanks in part to a Canada 150 grant, will be where the County of Grande Prairie Farm Family of the year is celebrated with a banquet on Thursday night.

Evergreen Park's indoor kids playground, Troyer Town, is free to those 12 and under who collect a free admission pass at the Investors Group Kidz Zone table at the entrance to the ENTREC Centre. Troyer Town will be open throughout the Show.

"Tradition, community spirit, and the opportunity to keep abreast of new technology – these are at the heart of the appeal agricultural exhibitions have long held for Alberta's rural communities.

"This show presents a tremendous variety of displays and exhibits, and provides information on all aspects of farming and rural life. There truly is something for everyone at the Peace Country Classic Agri-Show."

Those words were spoken by Alberta's Minister of Agriculture LeRoy Fjordbotten just before the first Agri-Show in 1986. They still apply today as we are about to celebrate the 32nd Agri-Show.

Whether you are a farmer/rancher looking to talk to manufacturers and distributors; want to sit in on a seminar to learn more about some aspect of the agricultural industry; or are an urban family looking to experience a taste of rural life the Agri-Show is the place to be.

City of Grande Prairie is sponsoring Thursday's Show and Foster's Agri-World/Foster's Seed & Feed/Napa Auto Parts Friday.

The Show is looking for a Saturday Day Sponsor.

"Being a day sponsor offers a lot of exposure," says Evergreen Park Marketing & Sponsorship Manager Don Moon. "You get to set up right in front of the main doors of the ENTREC Centre where everyone streams through with the ability to engage the public throughout the day.

"The Day Sponsor also gets a cover story on that day's insert; their logo on the cover of the main program; a large sign that hangs from the ENTREC Centre ceiling for several weeks before the Show; exposure on our promotional screens; and much more."

Companies can make an impact at the Show for as little as \$90 for a banner ad in the program or get more involved with a Day Sponsorship or sponsorship of the exhibitor lounge, exhibitor breakfast or with signage in one or all of the venues.

"We certainly appreciate the support of our sponsors," said Moon. "The Agri-Show would not be able to continue without them. They realize, too, that being involved creates a return for them also. There are not many events in the area that draw the numbers of people that attend the Agri-Show every year."

The list of 2017 sponsors, so far, is below.

"We encourage everyone to check out our sponsors and support them," said Moon. "They are the backbone of the community. It is important to reward them for their involvement."

Anyone looking for a sponsorship opportunity can contact Moon at Evergreen Park at 780-532-3279. A PDF file of the Sponsor Handbook can be downloaded to the right of this page.



[« Winter Watering Systems Tour](#)

[PCBFA Annual General Meeting »](#)

Solar Power Workshop

WHEN:

March 15, 2017 @ 10:00 am – 3:30 pm

[\(http://peacecountrybeef.ca/upcoming-events/\)](http://peacecountrybeef.ca/upcoming-events/)



WHERE:

Westmark Hall
 Woking
 AB T0H
 Canada

COST:

\$25/member, \$35/non-member

CONTACT:

Jen Allen
 780-835-6799
 Email (<mailto:jen@pcbfa.ca>)

We are pleased to host Rob Harlan of Solar Energy Society of Alberta for a Solar Power Workshop.

Please stay tuned for more event details!

Thank you.

[« Winter Watering Systems Tour](#)

[PCBFA Annual General Meeting »](#)

Follow Us

Upcoming Events

FEB 7
 Tue
 (http://peacecountrybeef.ca/upcoming-events/action~oneday/exact_date~7-2-2017/)
 9:00 am Peace Country Beef Cattle Day @ Dunvegan Motor Inn. (http://peacecountrybeef.ca/event/peace-country-beef-cattle-day/?instance_id=414)

FEB 16
 Thu
 (http://peacecountrybeef.ca/upcoming-events/action~oneday/exact_date~16-2-2017/)
 9:00 am Transition Planning Workshop (2/2) @ Holiday Inn & Suites Conference Centre (http://peacecountrybeef.ca/event/transition-planning-workshop-22/?instance_id=407)

FEB 21
 Tue
 (http://peacecountrybeef.ca/upcoming-events/action~)
 10:30 am Soil Health & Carbon Day @ Centennial Hall (http://peacecountrybeef.ca/event/soil-health-carbon-day/?)

2017 Provincial Agricultural Service Board Summer Tour July 11 – 14, 2017



Mountain View County and **Red Deer County** have teamed up to bring to you the 2017 Provincial Agricultural Service Board Summer Tour. We are busy putting together plans to create a jam-packed tour showcasing the latest and greatest of agriculture in Central Alberta.

The theme for the tour is ***Growing Tomorrow's Agriculture***. We plan on showing our local producers in action and the contributions they are making to the future of agriculture. Embodying our theme, **Olds College** has been selected as the base for the tour week and will be hosting registration, check-in, optional tours and all of the evening festivities.

The 2017 ASB Summer Tour team is in the process of building the website as we finalize tour stops for the Delegate Tour, Partner Tour and the Youth Tour. At this time, we are sending you an initial invitation to ensure you have ample time to SAVE-THE-DATES. Future notices will be circulated with registration and tour options and posted on the website. Check out www.2017asbtour.ca for updates.

GENERAL ITINERARY

Monday, July 10 th	Accommodations: available for those arriving early, no formal activities.
Tuesday, July 11 th	Optional activities golf, river rafting, Olds College tours including brewery Registration: Centennial Village. Evening: Welcoming Reception and social
Wednesday, July 12 th	Delegate Tours and Partner Tours in both MVC and RDC Youth tour in Red Deer County Evening: BBQ Mixer, Tradeshow, Ag Entrepreneurial Showcase, College walks
Thursday, July 13 th	Delegate Tours and Partner Tours in both MVC and RDC Youth tour in Mountain View County Evening: Banquet
Friday, July 14 th	Stampede Breakfast and departure

As more details are seeded and growing, we will send updates, share further information and place all of this information on the 2017 ASB Summer Tour website www.2017asbtour.ca. If you have inquiries about the tour please contact our Tour Coordinator, Donna Trottier at 403.348.9321 or email Donna at donna.trottier@tatonga.ca.

ACCOMMODATION OPTIONS

Here are the accommodation options we have set up in and around Olds, Alberta:

1. Olds College offers a few options that allow you to stay right at the College where the action is:
To book the Olds College accommodations call College Conference Services at **403.556.8330**
 - A. [Olds College Centennial Village](#)
\$70/night with linens for 1 person (2016 prices)
\$80/night with linens for 2 people
 - B. College Courts – townhouse style units with 4 bedrooms and 2 full bathrooms
\$50/night with linens for one bedroom (one person)
\$200/night with linens for 4 bedrooms (4 people)
 - C. Camping at Olds College – parking lot DD - \$25/night with power (no water or sewer)

For inquiries about the Olds College accommodations call 403.556.8330 or email conferenceservices@oldscollege.ca

2. [Pomeroy Inn & Suites @ Olds College](#) – (Located right on the Olds College campus)
4601, 46th Avenue, Olds Alberta
403.556.8815
\$129 - \$179 + tax per night depending on room type
3. [Best Western in Olds](#)
4520, 46th Street, Olds Alberta
403.556.5900
\$139.49 + tax per night
4. [Ramada Olds](#)
500 – 6700, 46th Street, Olds Alberta
403.507.8349
\$134.99 + tax per night
5. [Circle 5 Motel](#)
4513, 52 Avenue, Olds Alberta
\$107.00 + tax per night
403.556.7755
6. [O. R. Hedges Campground](#)
5013, 54th Street, Olds Alberta
403.556.2299
Begin taking reservations on May 1st, 2017. They book up very quickly so call early!!

Contact tour coordinator donna.trottier@tatonga.ca with any questions. 403.348.9321

Clear Hills County Request For Decision (RFD)

Meeting:	Agricultural Service Board
Meeting Date:	February 13, 2017
Originated By:	Mackay Ross, Member At Large
Title:	Livestock Predation Management
File:	63-10-10

DESCRIPTION:

Member Ross requested administration bring information to the Board regarding Kevin Van Tighem providing information and direction around livestock predation and wolf management.

BACKGROUND:

Member Ross heard Mr. Van Tighem present at the ASB Conference in Edmonton and feels more information from Mr. Van Tighem would be helpful for the board in regards to finding a long term management program for wolf populations in the County while keeping social license at the forefront.

Administration has contacted Mr. Van Tighem to inquire about cost and availability for him to meet with the Agricultural Service Board. Mr. Van Tighem has indicated that he is retired and is not doing speaking engagements, however, he would be willing to provide some insight and suggestions through a phone conference, perhaps.

ATTACHMENTS:

- Email from Member Ross
- Wolf Incentive Historical numbers (included in Ag Fieldman's Feb report)

RECOMMENDED ACTION:

RESOLUTION by _____ that this Agricultural Service Board accept the information the discussion regarding livestock predation and wolf management and have administration arrange some type of meeting with Kevin Van Tighem.

Initials show support - Reviewed by: Manager:

ABJ

AgFieldman:

AC

From: MacKay Ross [<mailto:muckslotus@yahoo.com>]
Sent: February-05-17 12:44 PM
To: Audrey Bjorklund <Audrey@clearhillscounty.ab.ca>
Subject: Notes and agenda requests.

Hi Audrey,

Hope your month has gone well, I am trying to keep up to my notes from conferences:/

Please add "Kevin Van Tighem video joint conference with council" to our agenda, he presented at the provincial conference and I feel the county needs to find a long term, social licence acceptable, approach to our wolf concerns.

Thanks,

MacKay

Clear Hills County

Request For Decision (RFD)

Meeting:	Agricultural Service Board Meeting
Meeting Date:	February 13, 2017
Originated By:	Greg Coon, Agricultural Fieldman
Title:	VETERINARY SERVICES INCORPORATED (VSI)
File Code:	63-10-40

DESCRIPTION:

The Board is presented with the Veterinary Services Incorporated (VSI) 2017 annual program summary and 2017 requisition for review.

BACKGROUND:

161 VSI members in Clear Hills County.

NEW in 2016: C28-16(01/12/16) RESOLUTION by Councillor Svederus to approve removing the service limits in the V.S.I contract and implement an annual cap on the county's 50% portion of service costs at \$3,000.00 (three thousand dollars) per producer and send a letter to V.S.I requesting to amend the 2016 contract accordingly. CARRIED.

No members exceeded the \$3,000 cap.

2017 Requisition is \$55,500 Requisitions for previous 5 years are:

- 2016: \$43,900
- 2015: \$31,800
- 2014: \$33,100
- 2013: \$22,400
- 2012: \$18,700

BSE Testing: 19 members were reimbursed for using Bovine Spongiform Encephalopathy (BSE) Testing in 201 as set out in Policy 6314. 2016 was the first year this policy was.

ATTACHMENTS:

- VSI Requisition Letter
- VSI Summary of Membership Coverage & Restrictions
- Clear Hills County VSI Contract

OPTIONS:

1. Accept for information
2. Recommend the following changes.

RECOMMENDED ACTION:

RESOLUTION by _____ that this Agricultural Service Board to accept for information the 2017 annual program summary and 2017 requisition details for Veterinary Services Incorporated (VSI).

Initials show support - Reviewed by:	Manager: <i>ABJ</i>	AF: <i>GC</i>
--------------------------------------	---------------------	---------------

V.S.I. SERVICES (1980) LTD

A nonprofit organization providing veterinary care in Alberta

BOX 137

FAIRVIEW, AB T0H 1L0

PH 780 835 5440

February 05, 2017

Mr. Allan Rowe, CAO
Clear Hills County
Box 240
Worsley, AB T0H 3W0

Dear Allan,
Enclosed is your 2017 VSI requisition of \$55,500.

Total VSI administrative costs, for 2016, including G.S.T. (\$14,662) were approximately \$61,517. Your jurisdiction accounted for 562 (10.5%) of the 5378 claims processed thus your share of administrative costs was deemed to be \$6,195.

Total investment income was approximately \$3058. The total cost of your claims, as per your fourth quarter report, which was sent to aaron@clearhillscounty.ab.ca and sarah@clearhillscounty.ab.ca was \$44,056. This was 8.6% of total claims expenditures of \$510,933 thus your share of the interest was deemed to be \$264.

The 2017 VSI fee schedule was increased 1.8% and a 10% contingency was added. As a result your **2017 requisition is equal to your 2016 claims plus an 11.8% increase plus your estimated net administrative costs for 2016.** The total was rounded to the nearest \$100.00. (Net administrative costs = administrative costs minus investment income)

Following is an estimate of your current VSI balance after adding 2016 administrative costs and investment income:

	Claims	Payments	Balance
Jan. 1, 2016			\$ <3,739>
Payments in 2016		\$ 43,900	40,161
2016 Claims	\$44,056		<3,895>
Share of 2016 Expenses	6,195		<10,090>
Share of 2016 Interest		264	<9,826>

The amount in your **contract** was based on the actual cost of claims for **Oct 1, 2015 to Sept 30, 2016 plus an estimate of administrative costs.** The amount of your **requisition is based on the actual cost of claims for 2016 plus an estimate of net administrative costs** (rounded to the nearest \$500). This explains the difference between your requisition of \$55,500 and the \$54,000 in your contract.

Please feel free to contact me if you detect any errors or if you have any questions.
Thank you for your continuing support of VSI.

Yours sincerely

Rik Vandekerkhove, Manager

cc Aaron Zylstra
Sarah Hayward

V.S.I. SERVICES (1980) LTD

A nonprofit organization providing veterinary care in Alberta

BOX 137

FAIRVIEW, AB T0H 1L0

PH 780 835 5440

February 05, 2017

Mr. Allan Rowe, CAO
Clear Hills County
Box 240
Worsley, AB T0H 3W0

INVOICE

2017 VSI Requisition	\$55,500.00
Plus Deficit Dec. 31, 2016	9,800.00
Balance Owing	65,300.00

Note: The VSI Board of Directors approved a 1.8%, cost of living allowance, increase in fees for 2017. They also recommended that the 2017 requisition should include a 10% contingency to help ensure that participating jurisdictions don't have to deal with additional requests for funds after their budgets have been finalized.

As a result of these two decisions your 2017 requisition is 11.8% higher than your total claims for 2016 plus an amount for net administrative costs equal to what these costs were for 2016. Your requisition has been rounded to the nearest \$500.00 and your deficit balance has been rounded to the nearest \$100.

Although this requisition is not due until March 31st earlier payment would be appreciated.

Thank you,

Rik Vandekerkhove DVM
Manager

50% Coverage without any restrictions

- Municipal District of Big Lakes
- Birch Hills County
- Mackenzie County
- Northern Lights County
- Northern Sunrise County
- Saddle Hills County
- Municipal District of Greenview No. 16
- Municipal District of Peace No. 135
- Municipal District of Smoky River No. 130
- Clear Hills County

50% with restrictions

- Municipal District of Bonnyville No. 87
 - Semen Tests – Limit of 20 bulls per producer
- Woodlands County
 - Semen Tests – limit of 20 bulls per producer
 - Pregnancy Tests – limit of 400 per producer

60% Coverage

- Lac La Biche County
 - No restrictions
- Municipal District of Lesser Slave River No. 124
 - Semen Tests – limit of 7 bulls per producer
 - Pregnancy Tests – limit of 200 per producer

70% Coverage

- Municipal District of Spirit River No. 133
 - Semen Tests – limit of 7 bulls per producer
- Municipal District of Fairview No. 136
 - No restrictions

This agreement made effective as of January 1, 2017.

Between

V.S.I. SERVICES (1980) LTD.

A body corporate under the laws of the Province of Alberta (hereinafter called "V.S.I.")

and

Clear Hills County in the Province of Alberta, representing the district ratepayers (hereinafter called the "Municipal Jurisdiction").

Whereas the parties hereto are parties to an agreement in writing dated January 1, 2016 (hereinafter referred to as the "agreement"); and

Whereas the agreement, by its terms, is deemed to terminate on December 31, 2016; and

Whereas the parties hereto desire to continue the agreement in full force and effect for the period from January 1, 2017 to December 31, 2017.

Now therefore this agreement witnesses that in consideration of the premises and the covenants hereafter contained:

1. The agreement shall be deemed to continue in full force and effect for the period from January 1, 2017 to December 31, 2017 and all references to any date or dates in the agreement and the term of its termination shall be amended accordingly.
2. Schedule "A" **50/50** and Schedule "B" to the agreement shall be dated effective January 1, 2017.
3. The Municipal Jurisdiction agrees to provide V.S.I. with the funds necessary to implement, administer and carry out the Veterinary Health Program until this agreement is terminated. The Municipal Jurisdiction agrees to advance the sum of

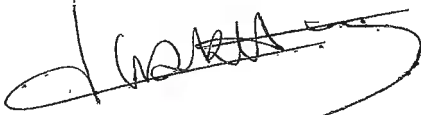
FIFTY FOUR THOUSAND (\$54,000.00) DOLLARS

to establish the Veterinary Health Program in the Jurisdiction for the 2017 calendar year.

...2

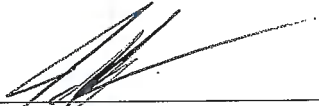
The parties agree to observe and perform all other terms, covenants, conditions and provisions on the part of each of them respectively contained in the agreement subject only to the amendments contained herein.

V.S.I. SERVICES (1980) LTD.

Per 
Rik Vandekerkhove

Signed, sealed and delivered
in the presence of:


Witness


Clear Hills County

V.S.I. SERVICES (1980) LTD.

SCHEDULE "A" 50/50 – Effective January 1 2017

CLEAR HILLS COUNTY

Until this Tariff is amended and subject to the terms and conditions of the year 2017 contract, VSI Services (1980) Ltd. will pay the listed VSI fee charged by the veterinarian for the services stated herein. All other charges levied in association with the service(s) being claimed must be shown on the invoice.

Note: Unless otherwise noted all **flat rate and hourly fees** are fully **inclusive** which means the **fee includes local anaesthetic procedures** (including the drugs), **surgical packs, suture materials, stitch removal and all drug administration procedures.**

CATTLE

A. Ancillary (add-on) Services

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Clinic Outpatient Fee	9	21.50	21.50
Note: This fee can only be claimed in conjunction with another valid VSI claim . It can only be charged once per occurrence. It is not a per animal fee.			
Epidural	1	16.75	16.75
Note: Epidurals can only be claimed in conjunction with dystocias (code 31), embryotomies (code 44) & prolapse revisits under code 52.			
Intramuscular or Subcutaneous Injections	3	3.00	3.00
Intravenous Injections	4	6.00	6.00
Stall Fee (calves - per day)	10	15.50	15.50
Stall Fee (older animals)	11	23.50	23.50
Oral Drug Administration	5	16.75	16.75
Subconjunctival injection	7	6.00	6.00
Note: Codes 3, 4, 5 & 7 can only be claimed once per animal and only in conjunction with a code 26, 27, 50, 51, or 52 claim.			
X-ray (2 views)	2	68.75	68.75
X-ray (subsequent views - each)	21	14.25	14.25
X-ray – Digital Equipment Surcharge	8	19.25	19.25
Note: Please be judicious in taking x-rays in situations where the x-ray won't add to the diagnosis or alter the course of treatment (e.g. most cases of broken legs in calves).			

B. Flat Rate Inclusive Surgical Procedures

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Abscesses	28	88.50	88.50
Claw Amputation	17	126.75	126.75
Epididectomy	20	136.00	136.00
Eye Enucleation	16	189.25	189.25
LDA (Left Displaced Abomasum)	22	220.25	220.25
Omphalitis – Intra-abdominal debridement	35	132.25	132.25
Note: For superficial procedures with minimal debridement use code 28			
RDA (Right Displaced Abomasum)	23	245.75	245.75
Rumen Fistula	24	89.00	89.00
Sole Abscess	29	68.25	68.25
Torsions (abomasal or intestinal – calves < 200#)	14	140.00	140.00
Umbilical Hernia (eviscerated in newborn calves)	18	140.00	140.00
Urethrostomy	15	110.50	110.50
Vasectomy	19	149.25	149.25

C. Flat Rate Obstetrical and Reproductive Services**Note: Oxytocin and/or uterine boluses are included in all obstetrical procedures.**

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Caesarean Section	41	252.50	252.50
Dystocia	31	114.50	114.50
Embryotomy (1 or 2 cuts)	44	171.00	171.00
Embryotomy (3 or more cuts)	45	202.00	202.00
Note: Code #1 (epidural) can be added, as appropriate, with codes 31, 44, 45 & 52.			
Scrotal Circumference Measurement	65	11.75	11.75
Note: This fee <u>only</u> applies for <u>bulls eliminated</u> from further breeding soundness evaluations.			
Semen Test (1 st bull)	60	50.50	50.50
Semen Test (2 nd to 10 th bull)	61	35.75	35.75 each
Semen Test (11 th to 20 th bull)	62	31.75	31.75 each
Semen Test (51 st bull plus)	63	29.50	29.50 each
Pregnancy Testing (per head)	6	2.55	2.55 each
Note: A higher fee can be charged for the first animal as per the AB.VMA fee schedule but VSI will only pay the VSI rate for the first animal.			
Prolapses			
-Rectal	74	59.50	59.50
- Uterine	71	113.00	113.00
-Vaginal	81	77.25	77.25
-Vaginal & Rectal	84	89.00	89.00
Uterine Torsion (manual correction)	46	124.75	124.75

D. Hourly Rates for Surgical & Professional Services**Note: Rates are quoted for 1/4 hour (15 minute) intervals.****All of the services in this section are fully inclusive and an hourly rate can't be used for services for which a flat rate fee has been established.****Code 12A/12B or 13A/13B claims CAN'T EXCEED 1½ hours (parts A & B combined)**

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Surgery (major)	12A	44.50	44.50
Non Surgical Professional time	12B	26.75	26.75
Surgery (minor)	13A	30.00	30.00
Non Surgical Professional time	13B	26.75	26.75

Note: Only the actual surgical time should be claimed under codes 12 & 13. Time required for related services, e.g. examination, surgical preparation, immediate post surgical treatments, etc. should be claimed under codes 12B or 13B.

Professional Services (general)	25	26.75	26.75
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Note: This fee is used:

- For herd health visitations and/or problems
- In place of codes 50, 51, 52, 55 & 56 as specified in section "E"
- When more than two postmortems are conducted
- When a single animal is examined, euthanized then subjected to a postmortem
- Other instances as agreed to or recommended by the VSI Manager

Time claimed for codes 12, 13 & 25 should be consistent with time required by a veterinarian of average competence.

E. Flat Rate Non-Surgical Professional Services

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Cast Application (closed reduction)	26	62.50	62.50
Cast Removal	27	29.50	29.50
Examination	50	50.50	50.50
Examination (2 nd animal)	51	34.50	34.50
Examination (re-visit)	52	34.50	34.50
I.V. Hook - up (1 st & 2 nd no monitor)	55	50.50	50.50 each

Note: This code includes the examination and is for situations where the animal is not hospitalized for follow-up care.

I.V. Hook - up + 24 hour monitor	56	88.50	88.50
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Note: Only for calves up to two months old. It includes the exam and professional services for the first 24 hours. Code 52 should be used to cover professional services in subsequent 24 hour periods.

Services normally covered by codes 50, 51, 52, 55 & 56 will be claimed under code 25 in the following situations:

- a) When more than two (2) claims are made using any combination of codes 50, 51, 52, 55 & 56 or
- b) When one or more specific flat rate codes are claimed which are equal or greater in value to two (2) code 50 claims

Postmortem - Brain Removal	99	33.50	33.50
Postmortem - 300 pounds or less	90	53.00	53.00
Postmortem - 300 to 800 pounds	91	57.50	57.50
Postmortem - over 800 pounds	92	86.50	86.50

Note: For more than 2 postmortems at the same time make a single code 25 claim.

Technovit Block - Application of	30	44.25	44.25
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Note: Materials are included in this service.

PIGS**All Services**

Note: With the exception of the following pig services are to be billed by the hour under codes 12, 13, or 25, as appropriate:

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Examination	50	50.50	50.50
Examination (2 nd animal)	51	34.50	34.50
Examination (re-visit)	52	34.50	34.50

Note: Codes 3, 4 & 5 can be claimed with codes 50, 51 & 52, as appropriate.

Postmortem - 20 pounds or less	93	35.75	35.75
Postmortem - 20 to 100 pounds	94	38.25	38.25
Postmortem - over 100 pounds	95	46.75	46.75

Note: For more than 2 postmortems at the same time make a single code 25 claim.

SHEEP & GOATS**All Services**

Note: Most sheep and goat services can be billed by the hour under codes 12, 13, or 25, as appropriate, with the exception the specific flat rate codes in this section:

All of the sheep codes are inclusive with the exception of codes 33, 50, 51 & 52 where the same conditions apply as for cattle.

Oxytocin and/or uterine boluses are included in all obstetrical procedures.

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Caesarean	43	160.25	160.25
Dystocia	33	71.25	71.25
Examination	50	50.50	50.50
Examination (2 nd animal)	51	34.50	34.50
Examination (re-visit)	52	34.50	34.50
Note: Codes 3, 4 & 5 can be claimed with codes 26, 27, 50, 51 & 52, as appropriate.			
Semen Test (1 st animal)	66	42.75	42.75
Semen Test (subsequent animals)	67	32.50	32.50
Postmortem - 20 pounds or less	96	35.75	35.75
Postmortem - 20 to 100 pounds	97	38.25	38.25
Postmortem - over 100 pounds	98	46.75	46.75
Note: For <u>more than 2</u> postmortems at the <u>same time</u> make a <u>single code 25 claim</u>.			
Prolapse - Rectal	76	50.50	50.50
Prolapse - Uterine	73	73.75	73.75
Prolapse - Vaginal	83	50.50	50.50

ELK & BISON**All Services**

Note: The only services covered for elk & bison are pregnancy tests, semen tests and postmortems. Pregnancy & Semen tests can be charged at the flat rates for cattle or by the hour under code 25

Assuming that the hourly rate will only be used when the flat rate is not adequate you are asked to consider whether the extra amount is justified due to the inherent difficulty in working with these species or whether it is due to poor facilities or inadequate help. If the problem is poor facilities or poor help then the producer should assume 100% of the extra fees.

The following codes apply to postmortems for elk & bison:

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Postmortem - Brain Removal	99	33.50	33.50
Postmortem - 300 pounds or less	90	53.00	53.00
Postmortem - 300 to 800 pounds	91	57.50	57.50
Postmortem - over 800 pounds	92	86.50	86.50

V.S.I. SERVICES (1980) LTD.

SCHEDULE "B"

Annexed to and forming a part of the agreement dated **effective January 1, 2017**

Following are some of the services not payable by V.S.I. Services (1980) Ltd

- a) castrations
- b) dehorning
- c) dockings
- d) spaying heifers
- e) embryo transplants
- f) routine trimming of feet
- g) meat inspection
- h) scrotal hernias - all species
- i) umbilical hernias - all species
- Note: With the exception of eviscerated hernias in newborn calves**
- j) cryptorchid surgery- all species
- k) insurance examinations (including mortality, loss of use exams & reports)
- l) listed herd and dispersal sales
- m) shows & sales
- n) endorsement fees
- o) export testing
- p) parentage sampling
- q) routine vaccinations
- r) all drugs and medicines
- s) all laboratory fees
- t) waiting time
- u) after hours or holiday fees
- v) mileage
- w) services relating to quality assurance programs such as CQA & QSH.
- x) internal fracture fixation procedures
- y) hospitalization for any **service not listed in Schedule "A"**
- z) Services under codes 12A/B & 13A/B over & above 1½ hours

All "Schedule A" services for species not specifically identified on "Schedule A"

Note: All jurisdictions cover "Schedule A" services for the bovine, porcine, caprine and ovine species. Some jurisdictions cover some, or all, "Schedule A" services for alternative livestock species (e.g. elk, bison, deer, etc.). The specific species and services covered will be identified on the "Schedule A" that was approved by that particular jurisdiction.

Any other veterinary services not specifically listed in Schedule "A" as amended from time to time.

Clear Hills County

Request For Decision (RFD)

Meeting:	Agricultural Service Board Meeting
Meeting Date:	Feb 13, 2017
Originated By:	Greg Coon, Agricultural Fieldman
Title:	AGRICULTURAL FIELDMAN REPORT
File No:	63-10-02

DESCRIPTION:

At this time the Agricultural Fieldman will have an opportunity to present his report.

BACKGROUND / PROPOSAL:

ATTACHMENTS:

- Greg- Agricultural Fieldman Report-Feb 13

RECOMMENDED ACTION:

RESOLUTION by _____ that the Agricultural Service Board accepts the February 13, 2017 Agricultural Fieldman report for information.

Initials show support - Reviewed by: Manager: *ABJ* AgFieldman: *AK*

CLEAR HILLS COUNTY

AGRICULTURAL FIELDMAN REPORT

FEB 13, 2017

GREG COON

PEST CONTROL

- **Wolf numbers:**

Wolves Claimed Since 2010 & Cost Associated with Claims			
Year	Comments	Wolves	Cost
2010	start of program - adults \$500; juvenile \$250	46	\$ 22,250.00
2011		92	\$ 44,500.00
2012	adults \$500; juvenile \$350	114	\$ 48,150.00
2013	all wolves \$250ea; Only private property & grazing leases are eligible as of March 2013 C195-13(03/26/13)	87	\$ 21,750.00
2014		58	\$ 14,500.00
2015	Incentive increased from \$250 to \$400 in October 2015; C492-15(10/13/15)	53	\$ 17,150.00
2016	Jan 2016 accept unskinned carcasses only; C52-16(01/26/16); Bear Canyon Pasture \$500/wolf bounty initiated.	107	\$ 42,800.00
2017		26	\$ 10,400.00
2018		0	\$ -
2019		0	\$ -
Total		583	\$ 221,500.00

- **Coyotes claimed 2017:**

Total #	Total \$
112	\$3,360.00

- **Beaver tails claimed 2017:**

<u>Total #</u>	<u>Total \$</u>
26	\$780.00

Rental Equipment Usage January 1, 2017 - February 3, 2017

Equipment	Rental Rates	Total Users	Total Days	Total Revenue
Backpack Sprayer	\$ -			
Bale Scale	\$ 30.00			
Bale Tester	\$ 10.00			
Ball Hitch (2" & 2 5/16")	\$ -			
Livestock Ultrasound	\$ 25.00			
Chairs	\$0.5/chair			
Community Centre	\$ 50.00	1	1	\$ 50.00
Corral Panels	\$ 50.00			
Coyote Trap	\$ -			
Eco-Bran Applicator	\$ 50.00			
Grain Bag Roller	\$ -	2	2	\$ -
Grain Bagger	\$ 350.00			
Grain Bag Extractor	\$ 350.00	1	1	\$ 350.00
Grain Vac	\$ 200.00	3	3	\$ 600.00
Grass Seeders-Hand Held	\$ 5.00			
Grass Seeders-Quad Mount	\$ 5.00			
Grill	\$ 5.00			
Hand Held Rope Wick	\$ 10.00			
Land Leveller	\$ 130.00			
Loading Chute	\$ 25.00	1	1	\$ 25.00
Manure Spreader	\$ 150.00			
Mulch Applicator	\$ 25.00			
Extra Hoses	\$ 1.00			
Post Pounder	\$ 125.00			
Pull/Push Roller Applicator	\$ -			
Quad Mount Rope Wick	\$ -			
Quad Mounted Sprayer	\$ -			
Quad Pull Type Sprayer	\$ -			
RFID Tag Reader	\$ -			
Rock Picker	\$ 300.00			
Rock Rake	\$ 300.00			
Roller Mill	\$ 20.00			
Rotowiper	\$ 75.00			
Scare Cannon #91060254	\$ -			
Signs	\$ -	1	1	\$ -
Skid Mount Sprayer	\$ -			
Steam Tables	\$ 5.00			
Tables	\$1.00/table			
Toilets	\$ 40.00			
Tree Spade	\$ 150.00			
Truck Mount Sprayer	\$ 100.00			
Wash Station	\$ 10.00			
	\$75.00(Summer)			
Water Pumps	\$200 (Winter)			
Zero Till Drills	\$300.00/20 feet			
Wire Roller	\$ 25.00			
Post Hole Auger	\$ 25.00			
Sickle Mower				
BBQ Trailer	50			
	48	9	9	\$ 1,025.00

OTHER TOPICS

- I passed the pesticide applicators exam on Feb 1st, 2017. I am now certified for agricultural, industrial, and landscape applications.
- I am starting to prepare for the upcoming weed season. We are now receiving applications for seasonal weed inspectors.
- Attended the Peace Agronomy update on Jan. 18, 2017

Jennifer Mitchell-Fetch is a research scientist-oat breeder with Ag Canada. She gave a presentation on different oat varieties and some of the better ones for the Peace country as well as desirable qualities such as Beta Glucan content.

Bill Chapman presented on oat marketing opportunities. He stressed the importance of quality, varieties, and target markets. He also touched on some diseases in oats and the importance of treating seed. He then compared commercial and organic markets. He talked about Stony Plain Seed as a viable oat buyer, as well as McKenzie Oat Milling, Viterra, Richardson Pioneer, Grain Millers in Rycroft, and local beef operations for feed oats.

Jon Treloar from Monsanto Bio-Ag presented on Rhizobia and nodulation and the work that they are doing in biotreatment.

Trent Whiting presented on the modernization of wheat classes that is happening in Canada and how that is going to affect producers in the upcoming years.

Neil Blue, a grain market analyst gave an in depth market update on grains, pulses, and oilseeds.

- Attended the ASB Conference Jan 24-27, 2017

The first speaker was Bill Wilson, the host of the Prairie Farm Report. He provided a light hearted presentation with lots of anecdotes from throughout the shows history.

Adam Kreek, an Olympic rowing gold medallist gave a motivational presentation on the merits of having a plan and keeping calm under pressure and working to achieve larger goals in small steps.

Damian Mason delivered a humorous agricultural based routine that had the audience in stitches.

Kevin Kossowan is a film maker who does a lot of films about food and agriculture around the world. He talked about the importance of telling a story and knowing your audience. He stressed the fact that unless the agriculture gets their story out in the public eye, people are only going to see the false and bad information about agriculture that is put out there by different interest groups.

Wayne Schneider, Geoff Stewart, Carlton Gruger, and Sylvia Cheverie told the audience about their agricultural partnership that focuses on using local partnerships in business and how they can help each other. Wayne grows grain on his farm for Geoff who uses the grain to make his vodkas. He sends the leftover mash to

Carlton, who uses it to grow mushrooms in, which he sells to Sylvia for her restaurant, who in turn serves locally grown and produced and prepared food to local clientele.

Timothy Caulfield did a presentation on how popular culture affects and dictates how people think and make decisions. He stressed the importance of being able to sort out the good information from the “bunk” that is out there, and to make sure your sources of information have some science to back them up.

John Knapp gave a presentation predicting what agriculture in Alberta was going to look like in 50 years. He had some very interesting predictions about how Alberta was going to thrive in agriculture in the next 50 years. He had some good reasoning behind his predictions.

Michael Kerr gave a very energetic and entertaining presentation on the importance of keeping a workplace fun as well as rewarding.

Kevin Van Tighem gave a presentation on wolf and bear biology as it pertains to livestock predation and offered some insight into ways of managing predation.

Luree Williamson gave an overview of “Ag For Life” group, which is a charity committed to building a greater understanding and appreciation of agriculture by delivering educational programming to children, youth, and adults throughout Alberta

Doug Macauley gave an update on the provincial acts (weed act, asb act, pest act, soil conservation act)

Dr Keith Lehman gave an update on the bovine tuberculosis situation in Alberta and Saskatchewan.

Clear Hills County

Request For Decision (RFD)

Meeting:	Agricultural Service Board Meeting
Meeting Date:	February 13, 2017
Originated By:	Greg Coon, Agricultural Fieldman
Title:	BOARD REPORTS
File No:	63-10-02

DESCRIPTION:

At this time the Board members will have an opportunity to present their reports.

BACKGROUND / PROPOSAL:

At this time the Board members will have an opportunity to report on meetings attended and other agricultural related topics.

ATTACHMENTS:

- Chair Harcourt written reports
- Member Watchorn written reports
- Member Ross written reports

RECOMMENDED ACTION:

RESOLUTION by _____ that this Agricultural Service Board accepts the Board members' written or verbal reports of February 13, 2017 for information.

Initials show support - Reviewed by: Manager: *abj* AgFieldman: *gc*

Cattle Marketing Workshop

January 15, 2017
Manning, Alberta
By: Brian Harcourt

Speaker...David Moss..MA
VP and Co-Founder of AgriClear...TMX..NGX.
#403-11012 Macleod Trail, S.E.
Calgary, AB, T2J 6A5
www. agriclear.com

This is an online program that allows any cattle rancher to buy or sell to anyone, anywhere, anytime with transactional security.
If anyone has had any problems with the selling of your cattle, give this company a call.
All the forms are on line and very straight forward.
AgriClear is a transactional web-based platform that connects US and Canadian Producers.
Marketers can now securely list, transact, and be assured of payment from your computer, phone or tablet.
Producers are now able to buy or sell cattle for just \$6.00 per head with anyone, anywhere, anytime with confidence.
Get on the web site check out the 6 steps to get started.

Peace Agronomy Update

January 18, 2017
Dunvegan Motor Inn, Fairview, Alberta
By: Brain Harcourt

Speaker Dr. Jennifer Mitchell-Fetch.
Research Scientist-Oat Breeder
Ag. Canada, Brandon, MB.

A new oat variety begins with selecting from the very best of existing varieties
Steps are from P1 to P15, ending with Breeder Seed.
Selecting P1 to P6 and growing trials to determine erotic, elite, emasculation(?)
pollination, disease resistance, stem strength, etc.
P7 + P8, Off to New Zealand for field trials. NZ because of their very good soil
and somewhat isolation, less chance of contacting diseases.
P9, Back o Canada and the US for more trials.
P10, 200 heads are selected from the plants are selected.
P11 + P12 +P13 +P14, more testing and finely

P15 from which Breeder Seed is finally accepted by all the various authorities like CFIA, AG, Canada, seed growers groups, Health Canada etc. The seed must have "merit", and then it's given a Name.

Bill Chapman...Crop Business Development Specialist.
AB, Ag, and Forestry, Barrhead, AB.
780 674 8258, C 780 349 0300, www.agric.gov.ab.ca

"Quality is #1 Priority"

Food for human consumption is his business.

Grains for milling, flakes, groats, pablums cosmetics, beta glucans, must be toxin free.

Best area for growing oats is around Portage La Prairie, MB. Longest growing frost free days in Canada.

Less possibility of mycotoxins getting into the plants like Aflo and Ochre (the worst).

After harvesting he recommends using a batch or continuous dryer to preserve the quality rather than bin dryers.

If you decide to grow oats for sale, check the market.

Buyers will determine the variety they want.

Trent Whiting

Wheat Class Modernization.

CWRS...Canada Western Red Spring.

CPRS...Canada Prairie Red Spring.

CNHR...Canada Northern Hard Red.

For the information you may need www.grainscanada.gc.ca

Neil Blue..Grain, pulse and Oils Market

Prov. Market Analyst.

AB, Ag, and Forestry. 780 422 4053.

You name a condition, weather, people, politics and then guess where \$ are going, mega changes.

World well supplied with Feed wheat, therefore good quality wheat should bring a better price.

Oats...\$1.50 to \$3.00, depends on the variety, quality and the Buyer.

Peas...\$8.00 plus.

Canola...stronger dollars into spring.

www.agric.ab.ca...neil.blue@gov.ab.ca

P 780 422 4053

Winter Watering Systems

January 21, 2017

Hines Creek Composite School

By: Brian Harcourt

This Tour put on by PCBFA...

Gathered at the Hines Creek High School.

Speaker Dan Benson...Ag Water Specialist, Gov' AB.

Dan gave an overview of the Water Act,(Jan 1st, 1999),

most of the do's and don'ts a landowner can and cannot do.

The landowner does not own the water on his/her land.

If you are thinking of another or a new dugout you will need to get approval through Dan.

The first farm visited was the Karetaka Farm (Peter and Nancy Van Herk) on HWY 730.

Peter uses a single pressure system to supply 3 separate drinkers.

He uses a heat lamp in each one during colder weather.

Water flows outwards into an insulated trough for the animals to drink.

Works very well as long as the power stays on.

Back to school--coffee and lunch.

Steve and Amber Kenyon, Busby, AB, 780 307 6500, 780 887 3251.

They offer Land Management, Grazing courses,

Custom Grazing and meat sales.

they live off the "Grid"by using solar panels.

they pasture neighbors cattle during the summer on 20+ quarters.

They will give seminars in the area if there is enough interest.

On to Wally and Christine Lentz farm.

They use three solar panels (approximately 150watts) to charge 4--12-volt batteries to run the pump for water supply.

Water is pumped into a 10' diameter insulated plastic tank.

Tank has a 21/2 foot center hole on top with insulated lid.

Tank has 4 drinking holes around the outside edge.

Their second water system was up on a hill beside a large dugout.

There he uses three nose pumps in about a 2 foot buried culvert with the necessary plumbing to the dugout.

It was a cold with wind, the beauty of this system is it does need power and it worked well that day.

Harcourt.

Agricultural Service Board 2017 Provincial Conference

January 24-27, 2017

Edmonton, Alberta

By: Brian Harcourt

Keynote Speaker, Bill Wilson.

Host of The Prairie Farm Report.

Canada exports 50.4 Billion \$ of Ag products yearly.

Agriculture employs 1 in 8 jobs in Canada.

If you want the Rural Channel and don't have it, ask your TV supplier for it.

Adam Kreek, Gold Medal Olympic Champion, Canada's Rowing Team.

He and three others left western Europe heading for Florida.

Things went fairly good until they got to the infamous Bermuda Triangle.

A huge rogue wave hit them and overturned their boat.

They had practiced saving themselves from just such an event.

They had an inflatable raft and all four were rescued.

He is now a fitness expert helping many to enjoy a better life.

Google 'Capsized'.

Kevin Kossowan, Story Chaser.

Local Food is not the Solution.

He is on many food boards and councils and Alberta's Farmers Market.

Local 100 mile is old now.

Quality not distance, and preparation are more important.

The Steps...

1 Preproduction.

2 Production.

3 Post production.

4 Know your clients.

What do you want to tell them?

What do they want to hear?

ie. Large hog producers need to share their side.

Distribution equals hustle.

Tell...Show people.

kevin@storeychaser.ca

www.storeychaser.ca

Fortis Alberta, Power co.

This power co. 530,000 customers of which

230,000 are rural,
168,000 are farmers,
1,100 employees,
45% of the Alberta system,
\$350,000.00 cap expenditures,
7,300,000.00 linear taxes,
#1 priority is safety,
#2 reliability,
#3 customer focus.

Timothy Caulfield,..Debunker of Myths.

One in four vaccines are no good for you!

Things to do for yourself and family.

#1 Don't SMOKE!

#2 Vigorous exercise daily, for a strong heart beat.

#3 Eat real food, no life left in the box or the can
because of over processing and added sugars.

#4 Weight management, you all know how heavy you are.

#5 Take preventive measures of all kinds.

#6 Sleep, don't ignore this on.

You could choose the Canadian Health Guide.

Or Gwyneth Paltrow's advice...."NOT"!

John Knapp,Global Macro Trends and The Future of Agriculture in Alberta.

Red his BIO on numerous subjects like 4H,Rat Control (from 3000k to 3 Billion)

AG culture societies, Call of The Land,AG Service Boards.

He speculated on the trends that may happen by 2050.

#1 Social License, GMOs, H2O, animal rites, and about those who "don't know".

#2 Aggregation of farm lands, used to be a family on every quarter.

#3 Rise in the \$ of farm land, by 2050 up 700%.

#4 Climate Change, there be givers and takers, which are you.

#5 Rising incomes globally, ie, China and India, Eritria, the poorest country in the world!

#6 Reduced farm income support,fewer programs,
health care costs rising rapidly, all other programs decreasing,
reduced R and D.

Technology advancing more than any other sector,
nano tech, drones (UAVs) solar, lithium from oil.

#8 Rise in sea levels,up one foot in the last 100 years,
half by ice melt,1/8 inch per year, by 2050 up 4 feet.

Lose of fertile lands, more violent storms, salt water invading the land,
wars, takes 20 to 30 years for the land to recover.

#9 Net Food export will decrease, USA already has water problems, water will be a concern in all countries.

#10 Global land rush, people from all over the globe will be buying up land no matter where or the quality.

Physical look at 2050,

More rain, more CO2, 2 degrees warmer, earlier springs, longer falls, higher value crops.

In AB orchards and vineyards, grossing \$5,000.00 per acre.

Farmers of the SUN, solar prime source of power.

More sheep less cattle. Water and food the Keys.

Damion Mason, Comedian.

Quotes...

You can have money or horses.

A crackhead is better than a horse loving woman.

She will have a 100K horse trailer and a 5K house trailer.

We don't need more soccer camps, we do need more farm camps.

Farmers don't want to make too much money, they might to pay taxes.

Krista Zuzak, "Safe food for Canadians Act" CFIA.

She is a research Tech. at AB Plant Health Lab,...NEW!

Crop health issues take priority.

Dr. Jie Leng in charge, for AB, AG, and Forestry.

Crop Research and Extension Branch.

Responsible for the Pest Act.

Diagnosis of plant diseases and identifying of insects.

Testing is free.

Since opening they have tested 325 samples.

People, Partnership, Progress Panel.

Four people, The Farmer grows the wheat,

the Brewer buys the wheat to make the whiskey,

the mushroom grower buys the mash left over from the brewer and grows the mushrooms,

the restaurant owner buys the mushrooms and meats from the local rancher.

The patrons of the restaurant are the winners as are the farmer,

the brewer, the gardener, and the restaurant owner.

Great Local system.

Big Rig Brewery, Nisku, AB

mush-familyfungi.ca

Local Food is not the Solution.

He is on many food boards and councils and Alberta's Farmers Market.

Local 100 mile is old now.

Quality not distance, and preparation are more important.

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ie. Large hog producers need to share their side.

Distribution equals hustle.

Tell...Show people.

kevin@storeychaser.ca

www.storeychaser.ca

Adam Kreek, Gold Medal Olympic Champion, Canada's Rowing Team.

He and three others rowed across the Atlantic Ocean from east to west.

Things went fairly well, two rowed and two slept, for 70 days.

As they entered the Bermuda Triangle the weather took a turn and they were hit by a rogue wave.

The wave overturned the boat.

Fortunately they had practiced for just such an event.

They had a life raft and all got on board and eventually were rescued by the Coast Guard.

He is now a fitness expert helping many to enjoy a better life.

Google "capsized"

Michael Kerr,...Inspiring workplaces.

The Way Work Ought To Be..

Funniest man I've seen since Abbott and Costello,

Archie Bunker and Red Skelton.

Sign in a Ladies store...Bras half off.

Have a little fun in your work and a sense of purpose.

Kevin Van Tighen...Rethinking Carnivores.

Wolves and people are much alike.

Bounties ultimately don't work.
Poison and snares are unethical, the animals die a terrible death.
Bears are smart and alert, great sense of smell.
They deserve respect and readiness...bear spray.

AG For Life...Luree Williamson.

She will do educational Ag tours if the schools arrange the time and place.
cell...403 862 5688...T...1 888 931 2951...Fx...403 931 2671

[Email...williamson@agricultureforlife.ca](mailto:williamson@agricultureforlife.ca)

Peace Country Beef Congress

January 7, 2017

Dawson Creek, BC

By: Julie Watchorn

On January 7 2017 I went to Dawson Creeks 19th annual Peace Country Beef Congress held at the Lakota Center

It was a two day event starting on January 6th . There was trade show booths and equipment dealerships promoting their products and on the other side was the cattle show ! They had shown purebred pens of 2 year old bulls pens of purebred and commercial heifers on Friday with a jackpot class ending Friday with a banquet and heifer auction.

On Saturday they had planned a 4-H/ Youth program starting at 9 am with lunch at 11:30 and 4-H showing steers and heifers they ended the day with Cattlemen's Choice , showing pens of 3 bulls , yearling and 2 year olds all ending at 4 pm

ASB Provincial Conference
By: MacKay Ross

Bill Wilson

The producer and host of the long running TV series "The Prairie Farm Report" then in 2013 along with his wife started "The Rural Channel" a TV channel dedicated to Canadian rural interest.

agcomproductions.com
theruralchannel.com

Adam Kreek

Team Canada member which won Gold for rowing at the Beijing Olympics. Then attempted to row across the Atlantic with 3 others, went 73 days, reached the edge of the Bermuda Triangle and then were capsized by a rogue wave. This resulted in more benefit to their sponsors than if they had completed:/

Adam had many specific points he put across.

Be the one who speaks.

The Olympics are 4 years apart because it takes time to achieve "break through"

What's your next gold medal moment?

I can dream big act small and work hard.

Amateurs are powered by passion, professionals powered by purpose.

What's your plan?

I can plan my strategy and execution.

Reflect, learn, grow, let it go.

"I have failed.", not "I am a failure."

Inspiration has an expiry date, it's now

I can focus on what I can control.

"It is the strength to continue that counts." Winston Churchill

"Capsized" NBC Dateline, is the documentary of his teams crossing of the Atlantic.

dontchangemuch.ca is the home of "The league of Fairly healthy men"

Resolution session

Damian Mason

A comedian who is a little too knowledgeable about agriculture. A funny man who got several points across during his talk. Hopefully we can remember them, as we were laughing too much to take notes☺

Krist Zuzak

A plant health tech at the Alberta Plant Laboratory gave us an overview of the services that are available.

Kevin Kossowan

“Local food” is no longer the trendy catch phrase, it is important to follow trends to keep people interested in your message.

Stories win, people respond to stories, not facts and figures. Emotion wins, or at least will lead to interest in your product, then start giving information, then details, facts and figures last.

When making any length film, remember;

Preproduction, ask stakeholders, what do you want to say, and to who?

Production, DIY has benefits mostly cost, advised we pay for it, spend our time and energy in preproduction and hustle.

Post production, caution YouTube only works for established channels. Use Social media. Release stills, then 30 second preview, lastly feed to Youtube 3 minute video.

Longer videos suffer from short attention spans and cost.

Kevin helped ALUS with their promo video.

From the Wild. A show about chefs going out to nature to harvest and cook food.

“Interesting people, doing interesting things, in interesting places.”

Music bed, has music that has nominal fee to use in your video.

Context is the most important aspect. Remember it takes time, the message will move slowly, be patient. Don't worry so much, PETA etc are not as prevalent as one would think.

People, Partnership, Progress Panel

Leduc farmer who supplies “Big Rig Brewery” (a mile or so away) with malt barley (only 1% of his production) after the lager etc, the brewer's grains (waste) is then picked up by Familyfungi.ca a mushroom grower a few miles away, which is the part of the growth medium for mushrooms, which are sold to dinechartier.com in Beaumont, as well as other restaurants and farmers markets.

Pop Cultures View vs. Science Professor Timothy Caufield

Regulators response is important, provided it is 3rd party verified. Science literacy is low, how do we promote and then get people to assess the information for themselves?

Creative communications are humour laden and fact revealing.

Independent science, 3rd party is the most respected.

Call it bunk (personal note, this usually results in a defensive emotion filled response that shuts down communication)

What are the secrets to health and healthy body weight?

Don't smoke (or live with a smoker), get vigorous exercise (15 minutes full body, can't speak when you are done), real food, (simple non processed, minimum of ingredients, each food group in its proportion, fill up on vegetables and fruits, less meat, bread last), weight management, (water for calorie free hydration, minimize [caffeine, sugar, complex fats]).

Prevention; seatbelts, vaccines, sleep (varies by person and age, consciously make a routine, then shrink or expand sleep hours to fit)

John Knapp

Alberta's "Rat Free" program is approximately a 10,000 ROI program, what other Zero Tolerance programs are necessary?

Social license is a fact of the new reality and must be addressed daily.

Aggregation of farms, results in a 3rd as many farms, and 11/12 the children leaving the farm for life. There are too few farm raised advocates.

Farm land has increased in cost at 10x the rate of the value of products (no surprise here).

Climate change socially divisive, sea level rise 4 feet by 2050, 2 billion displaced and millions of acres of farmland permanently salted/flooded, More rain, 500 ppm CO₂, 2 degrees more temp earlier seeding, climax crops (crops that always transcend, wheat, grapes, olives etc.) summers are expected to be 10% dryer and 2'C warmer resulting in 3x the irrigation.

World wealth is increasing over all, increasing food consumption by 67% more food by 2050, there are less net food exporting nations, Global land rush continues, countries are ensuring food by purchasing other countries farm land.

Fewer Ag support programs invest in R&D

Technology in 100 years has increased Ag production higher than any other industries
Richard Schnieder U of A

Orchards and vineyards gross 3-5000\$ an acre regularly, nothing touches greenhouse production 1 m² compared to 1 acre dry land, cattle and sheep grazed together increase production 1.5x.

Tenancy in Europe runs on minimum loans of 25 years, how long till Alberta's farmers become tenants?

Farmers will become electrical power producers for Albertan's, currently a 3-5 year ROI for solar, bio digester set up will increase exponentially, nothing has power like water and food, farmers have both and electricity if we want.

Micheal Kerr

People who take themselves seriously are taken less seriously by others, counter intuitive.

Humour at work has significant value, but don't be a clown, or commit damaging practical jokes.

Look for the humour and embrace the ridiculous

Work is hard enough as it is without making it harder.

Train sales reps for optimism to increase sales 30% or more.

Relentlessly focus on culture, it has to be built intentionally, talk about values, and instil actions to back up those values.

Big sign, "We are going to be a 100% jerk free workplace."

Translate values into examples and draw a line that if crossed that person is released from the organization.

Clear sense of purpose is #1

Communication is everything and everything is communication.

Peoples first response tends to look at failure, concentrate on the positive, and build form what worked.

Decrease email and texting; concentrate on effective phone or face to face conversation.

Put forward rules with humour and the acceptance will be 5x higher!

We are all in the idea business, if we want more ideas; we have to ask for them.

We need to change the question, look at issues from all sides (not just the devil's advocate).

Ask for opinions, people want their idea heard and then get back to them, so they know they were taken seriously and their ideas are vetted.

Ha ha fun moments lead to Aha! moments.

Make sure we are having fun regardless of the work load; less will be accomplished if everyone gets bogged down.

Rituals and traditions create culture not the other way around.

Rethinking carnivores Kevin Van Tighem

Cows and fish changed the discussion on grazing, both sides won in the end.

Wolves kill CWD animals before prions start shedding, can herd elk out of our area.

More than 25% of wolves must be killed per year to decrease livestock losses, but a stop in culling will have disastrous results.

Would it have more benefit for the county to pay compensation for livestock losses due to wolves, instead of a bounty? Would it cost more? Administratively it would be a challenge, socially it would be a huge win/win especially long term. The bounty is going to bite back and is short term.

Clear Hills County

Request For Decision (RFD)

Meeting:	Agricultural Service Board Meeting
Meeting Date:	February 13, 2017
Originated By:	Greg Coon, Agricultural Fieldman
Title:	INFORMATION & CORRESPONDENCE
File No:	63-10-02

DESCRIPTION:

The board is presented with correspondence for review.

BACKGROUND:

Attached are documents for the Board's information:

ATTACHMENTS:

- ALUS Flyer – (63-10-02)
- Agricultural Service Board Grant Application – (63-10-02)
- Oat Marketing Opportunities – PowerPoint – (63-10-02)
- Peace Country Beef & Forage Association – newsletter Jan – (63-10-02)
- Peace Country Beef & Forage Association – newsletter Feb – (63-10-02)
- Peace Country Beef and Forage Association – thank you – (63-10-02)
- Municipal Weed Control – letter – (63-10-02)
- The Pest Insider – newsletter – (63-10-02)

RECOMMENDED ACTION:

RESOLUTION by _____ that this Agricultural Service Board receives the information & correspondence of February 13, 2017 as presented.

Initials show support - Reviewed by: Manager: *AG* AgFieldman: *JK*

Program Overview

Every local ALUS community rests firmly upon ALUS Canada's eight core principles:

- 1. ALUS is farmer-delivered:** As the largest single group of landowners in Canada, agricultural producers are in a unique position to provide important solutions to some of the most pressing conservation challenges of our time, including climate change and biodiversity loss.
- 2. ALUS is community-developed:** The ALUS program is flexible, designed to be customized to suit a community's own agricultural and environmental priorities. Each ALUS program is managed by a local Partnership Advisory Committee (PAC), and strongly supported by ALUS Canada.
- 3. ALUS is integrated:** ALUS communities are encouraged to develop partnerships with environmental organizations and agricultural groups, to deliver the ALUS program in a manner that complements existing conservation programs, including federal and provincial government policy frameworks.

4. ALUS is targeted: ALUS projects focus on select parcels of marginal or ecologically sensitive land that can be managed in a different manner to produce ecosystem services that benefit all Canadians.

5. ALUS is accountable: ALUS projects are independently monitored, verified, and subject to a robust financial reporting system.

6. ALUS is science-based: Each ALUS project is based on sound scientific principles. The ALUS program provides valuable support and technical expertise for the design and implementation of each green infrastructure project.

7. ALUS is voluntary: Farmers and ranchers who choose to participate in the ALUS program have flexible agreements that suit their particular operation.

8. ALUS is market-driven: The ecosystem services produced by ALUS projects have economic value in the marketplace. Through ALUS Canada, organizations and individuals can invest directly in this innovative form of environmental stewardship, one acre at a time.

"Conservation will ultimately boil down to rewarding the private landowner who conserves the public interest"

-Aldo Leopold, 1934

What is ALUS Canada?

Community-developed and farmer-delivered, ALUS sustains agriculture, wildlife and natural spaces for all Canadians, one acre at a time.

ALUS Canada is a Weston Family Initiative. The W. Garfield Weston Foundation's generous and long-standing commitment to ALUS Canada has played a critical role in growing ALUS into a truly national not-for-profit organization, one that is rapidly expanding into many new communities across the country.

For more than a decade, ALUS has been investing in farmers and ranchers who are producing acres of clean air, clean water, wildlife habitat and other ecosystem services in their communities.

We are grateful for generous contributions from government, foundations, corporations and individuals who, by supporting ALUS, are helping to put green-infrastructure projects on Canada's agricultural landscape.

Find out more at ALUS.ca





Support ALUS

Through ALUS Canada, organizations and individuals can invest in a national program that sustains agriculture, wildlife and natural spaces for all Canadians, one acre at a time.

To find out how you can make a real difference on the ground, please visit our website, and contact your local ALUS program coordinator:

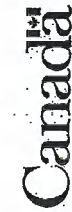
agservices@northern sunrise.net

T: 780-322-3831

ALUS.ca

We thank our dedicated supporters for their commitment to the ALUS program, both locally and across this great nation:

THE W. GARFIELD WESTON
FOUNDATION



What is ALUS Northern Sunrise?

Founded in 2016, ALUS Northern Sunrise is Canada's most northerly ALUS community, situated in the beautiful Peace Region of northwestern Alberta.

Crown land occupies 94% of Northern Sunrise County, with agricultural, residential, recreational and commercial areas concentrated in the remaining six percent, located east of the Peace and Smoky Rivers.

ALUS Northern Sunrise works with farmers and ranchers to establish ALUS projects, taking environmentally sensitive, marginal lands out of agricultural production and putting them to the production of cleaner air, cleaner water, biodiversity and other ecosystem services. ALUS provides support and annual per-acre payments for the maintenance and management of these projects.

By fencing around waterbodies, installing watering systems for livestock, expanding riparian buffer areas and reestablishing native grasses, trees and shrubs, ALUS Northern Sunrise helps protect the county's rivers, creeks, small lakes and wetlands that are essential to rural life, and beneficial for producers and residents alike.

THE ALUS NORTHERN SUNRISE PROGRAM



NORTHERN SUNRISE
COUNTY



A Weston Family Initiative



A Weston Family Initiative

NSC Watershed Advisory Committee (PAC)

Alberta Agriculture and Forestry (AAF)

Growing Forward 2

Smoky Applied Research and Demonstration Association (SARDA)

Peace Country Beef and Forage Association (PCBFA)

Mighty Peace Watershed Alliance (MPWA)

Aquality Environmental Consulting Ltd

Schedule "A" Application
Agricultural Service Board Grant Program 2017-2019
Application Deadline: January 31, 2017

1. Grant Program Information

Grant Overview	<ul style="list-style-type: none"> • Municipalities on behalf of Agricultural Service Boards (ASBs) may apply for an ASB grant under the Program for Legislative Funding Stream (LFS) only or Legislative Funding Stream plus Environmental Funding Stream. • The Environmental Funding Stream will be tiered to permit applications for Environmental Funding Stream Basic (EFS Basic) and Environmental Funding Stream Enhanced (EFS Enhanced). • There is a one-time Application process for a three year term. • Please refer to the Agricultural Service Board Grant Program 2017-2019 Terms and Conditions (Program Terms and Conditions) for defined terms and further details regarding the Program.
Grant Program Objectives	<ul style="list-style-type: none"> • Support ASBs with the administration of legislative requirements under the <i>Agricultural Service Board Act</i>. • Support ASBs in the development and delivery of environmental extension programming to increase awareness, understanding and implementation of environmental agricultural practices with an emphasis on supporting the agriculture industry in meeting social license requirements and climate leadership initiatives.
Grant Application Deadline	<ul style="list-style-type: none"> • Applications must be received by AF or postmarked on or before January 31, 2017 to be eligible for both Funding Streams. • Applications received after January 31, 2017 will not be eligible for Environmental Funding.
Eligibility Criteria Summary	<ul style="list-style-type: none"> • Please refer to the Program Terms and Conditions for more information.
Program Activities that are not eligible for grant funding	<p>The following activities are not eligible for Program funding under either funding stream:</p> <ul style="list-style-type: none"> • Non-agriculture related education and extension activities • Any other activity deemed to be ineligible by the Minister

2. Applicant Information

Legal Name of the Applicant (Municipality)	Clear Hills County
Contact Name and Title:	Greg Coon, Agricultural Fieldman
Contact Primary Phone #:	780-685-3925
Contact Email Address:	greg@clearhillscounty.ab.ca
Contact Mailing Address	P.O. Box 240, Worsley, AB T0H 3W0

Contact Fax Number	780-685-3960
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3. Program Application Process

Checklist of supporting documentation that is to be submitted with the Program Application Form	ASB Grant Program for 2017-2019 Application Checklist	
	Applicant is applying for (Please check one box):	
	<input type="checkbox"/> Legislative Funding Stream Only Is the Municipality a Participating Municipality in any other Environmental Funding Stream grant application under the Program? <input type="checkbox"/> No <input type="checkbox"/> Yes, _____ (identify name of Municipality applying)	
	<input checked="" type="checkbox"/> Legislative Funding Stream + Environmental Funding Stream <input type="checkbox"/> Basic <input checked="" type="checkbox"/> Enhanced, list all Participating Municipalities Clear Hills County; MD of Fairview #136; MD of Peace #135; MD of Spirit River #133; Birch Hills County; Saddle Hills County	
Application Submission Process	X Application Completed and Signed	
	X Schedule A is completed, as applicable and attached	
	Method of Submission:	Applications must be submitted by mail with original signatures.
Submission Address:	By mail to: ASB Program Coordinator Alberta Agriculture and Forestry Legislature Annex Room 211, 9718 – 107 Street Edmonton, AB T5K 1E4	
Reminder: The ASB Grant Program Application is due January 31, 2017.		

4. Notice of Collection

Agricultural Service Board Act and Freedom of Information and Protection of Privacy Act
The information collected on and with this form is for the purposes of administering the Agricultural Service Board Grant Program as contemplated in Section 7 of the <i>Agricultural Service Board Act</i> . The information is collected in accordance with and is subject to the provisions of the <i>Freedom of Information and Protection of Privacy (FOIP) Act</i> . If you have any questions or concerns regarding the collection or use of this information, please contact the ASB Grant Program Manager, Doug Macaulay at 6547 Sparrow Drive, Leduc, Alberta T9E 7C7. Phone: 310-0000 and dial (780) 980-4878. Email: doug.macaulay@gov.ab.ca

5. Certification and Mandatory Signatures for Application

I certify that the information given on this Application is true and correct to the best of my knowledge.			
I am authorized by the Applicant to submit this application on its behalf.			
Signature	Date	Signature	Date
	Jan. 30, 2017		Jan. 30, 2017
Print name and title of authorized signature		Print name and title of second authorized signature, where applicable, or place seal here	
Allan Rowe, CAO		Brian Harcourt, ASB Chairman	

6. Grant Application Assistance

Contact your local ASB Grant Program Representatives for assistance		
Office of Program Contact	Contact Phone Number	Contact email address
Legislative Funding Stream Doug Macaulay Manager, ASB Program	Call toll free at: 310-0000 and then dial (780) 980-4878	doug.macaulay@gov.ab.ca
Environmental Funding Stream Dale Chrapko Manager, Environmental Programs	Call toll free at: 310-0000 and then dial 780-644-1969	dale.chrapko@gov.ab.ca

7. Useful Resources

Use the following resources to find information on the ASB Grant Program	
Resource	Website Address
All ASB forms and ASB Grant Program Terms and Conditions	http://www.municipalaffairs.alberta.ca . All forms are under the Municipal Grants Web Portal, ASB Grant Program.
	http://www.agriculture.alberta.ca/asb

8. Supporting Schedules

The following supporting schedule is included with this Application Form and must be completed by the applicant to apply for the Legislative and Environmental Funding Streams of the Program:

Schedule A

Please complete the following sections depending on which Funding you are applying for:

- Part A if only applying for Legislative Funding Stream
- Parts A & B if applying for Legislative Funding Stream plus Environmental Funding Stream Basic
- Parts A, B & C if applying for Legislative Funding Stream plus Environmental Funding Stream Enhanced

ASB Legislative and Environmental Funding Stream Financial Summary

Estimated Statement of Expenditures

Calendar Year	Total Annual Budget
2017	\$877,378.00
2018	\$903,549.34
2019	\$930,685.82

Schedule A

Must be submitted with the signed application form and is DUE: January 31, 2017

Part A: Must be completed for all applications

Situation Statement (A brief overview of your ASB program)

- Clear Hills County's land base consists of 1,547,716 hectares, of which 269,991 hectares is farmland. There are approximately 900 residences, including 2 hamlets within the County boundaries. The County has appointed a separate Agricultural Service Board, including 5 members at large and 1 council representative, to advise and direct the agricultural service programs of the County. The main programs and projects directed by the ASB include the weed inspection program, the roadside spraying program, the pest control program, the rental program, and the annual agricultural trade show. The County employs only one full time, year round agricultural staff member. In light of this, the ASB has continued to contract out extension services to the Peace Country Beef and Forage Association. The ASB has implemented GPS tablets to track and report weed infestations. The ASB has also given direction to spray weeds only as necessary, which has led to the use of spot sprayers on the weed inspector's trucks and the end of the blanket roadside spray program. The rental program consists of 44 pieces of equipment, all of which have been well received by producers in the County. The Annual Agricultural Trade Show is a one day show hosted in The Village of Hines Creek (the only village within the County's boundaries). The trade show sees approximately 1500 visitors throughout the day.

Program History and Continuity

- The Peace Country Beef and Forage Association (PCBFA) is a producer organized, unbiased applied research and extension group focusing on beef, forage and crop production and environmental resiliency in the Peace River region of Northern Alberta. PCBFA strives to be a hub of innovative, relevant and local beef, forage and crop information for Peace Country producers. PCBFA has four full time staff with a wealth of experience and knowledge in many fields such as cattle and grazing management, animal nutrition, whole farm systems, nutrient management, crop and soil science, and natural resources management. Staff qualifications include BSc. (Agr) in Animal Science, BSc. (Env) in Natural Resources Management, MSc in Soil Science and Agricultural Chemistry, and a PhD in Farming Systems Research. PCBFA has been providing extension services to the producers of the Peace region since 1982.
- PCBFA has been working in partnership with Clear Hills County, MD of Fairview, MD of Peace, Birch Hills County, Saddle Hills County, and MD of Spirit River on the planning, coordination and delivery of the ASB Environmental funding program since 2010. The program goals for 2014-2016 involved creating awareness about nutrient budgeting to decrease water body contamination from various cropping systems and farming activities, and whole farm water planning for the sustainable use and development of water resources to mitigate drought and flood management issues in the Peace Country.
- From 2014-2016, PCBFA held 27 workshops, tours and pasture walks in support of the ASB Environmental program goals, reaching a total of 521 producers in attendance. At least 133 producers were assisted with Growing Forward applications and Environmental Farms Plans. A total of 13 articles containing information supporting the ASB Environmental goals were published in the Forage Facts newsletter, and Forage Country magazine. Forage Facts newsletter is published monthly, and distributed to the 182 farms that are active members of the PCBFA. Forage Country magazine is published biannually and distributed to 4000 farms across the Peace Country. PCBFA

also produced and released a three-part video series on the Whole Farm Water Planning process, which will be available online. A three-year project on nutrient budgeting and mapping under various cropping systems and farming activities was successfully carried out under this program, and the results will be available in PCBFA's 2016 Annual Report, to be released in February 2017. PCBFA is building on this project with a new three-year project that will use nutrient budgeting and planning to reduce fertility inputs and improve soil health and carbon sequestration under a number of different farming systems. PCBFA will expand on this project by carrying out extension activities and producing extension materials on sustainable cropping systems and farming activities to improve soil health and increase soil carbon sequestration, under the 2017-2019 ASB Environmental Funding program. Also under the 2017-2019 program, PCBFA plans to continue building on the sustainable use and development of water resources by identifying specific water quality risks pertaining to each of the main production systems in the region, and implementing best management practices with producers to mitigate those risks.

- All of PCBFA's extension programming has been and will continue to be based on an annual needs assessment completed with the producers of the Peace Region. Based on the 2016 needs assessment results, the most commonly mentioned topics were: soil health, carbon tax, and sustainability. Solar and wind power also rated high. The top five selected topics for On-Farm Environmental Issues were (in order of popularity): alternative power sources, soil health, whole farm water planning, cocktail cover crops and water quality based on selection site.

Vision

- Agricultural industry that is environmentally sustainable, economically progressive, innovative, and diverse.

Mission

- To develop and implement policies and programs that will advise and assist agricultural producers and Council to enhance and sustain agriculture within Clear Hills County.

Values

- The ability of farmers to practice all types of agriculture.
- Clean water, clean air, and happy, healthy people.
- Good communication with producers and residents.
- Respect for producers and residents.
- Environmentally beneficial land use practices, including protecting riparian areas and waterways, protecting and promoting private and community woodlots, and promoting soil conservation practices.
- Balanced and diverse agricultural land use that meets the needs of County producers and residents.

Goal	Strategy	Actions	Performance Measures	Results	
				Activities	Measures (#s)
Goal Area 1: Delivery/support of the Agricultural Pests Act.	Monitor pest and disease populations	A. Train staff in identification of pests and diseases and have them check for these while doing	A. 6 pest inspectors appointed 25 fields inspected for Clubroot B. Reimburse 100% of all samples sent in for testing of		

		inspections B. Provide reimbursement to producers for testing of fusarium and clubroot C. Continue agreement with Alberta Agriculture and Food in the Wild Boar Bounty Program	fusarium or clubroot C. Remunerate for 100% of boar ears brought in.		
Goal Area 1: Delivery/support of the Agricultural Pests Act.	Manage livestock predation within the County	A. Train staff on identifying livestock predation and proper placement of 1080 tablets(training provided by provincial Inspection Services) B. Distribute 1080 tablets for coyote control and continue with coyote bounty.	A. 4 staff trained for distribution of 1080 tablets. B. Track # of 1080 tablets distributed and track # of coyotes brought in for bounty.		
Goal Area 2: Delivery/support of the Soil Conservation Act.	Encourage the adoption of beneficial management practices for soil conservation	A. Hold Environmental Farm Plan workshops B. Facilitate a shelterbelt tree program inc. providing seedlings at discounted rates without admin fees or shipping costs. C. Provide access to mulch and mulch	A. 1 workshop per year. B. Track # of clients and # of seedlings for 2017 C. Track amount of mulch provided and # of applicator uses.		

		applicator for establishing windbreaks			
Goal Area 2: Delivery/support of the Soil Conservation Act.	Help producers with drought management, riparian areas, flooding, and water resources	A. Provide workshops and demonstrations on cover cropping, water conservation, and riparian area management	A. hold 3 workshops per year in the area		
Goal Area 3: Delivery/support of the Weed Control Act.	Control noxious and prohibited noxious weeds on private land, municipal roadsides, landfills, and gravel pits	A.Appoint and train weed inspectors	A. 6 weed inspectors appointed and obtained Authorized Assistant Applicator license. Trained in the Weed Control Act, weed identification, methods of control, herbicide application, communication with the public, inspection procedures, and proper documentation		
Goal Area 3: Delivery/support of the Weed Control Act.	Control noxious and prohibited noxious weeds on private land, municipal roadsides, landfills, and gravel pits	B.Administer the weed control act on agricultural land C. Administer Weed Control Act on private land	B. Inspect 100% of agricultural land in the county over a 3 year rotation, a minimum of 1400 quarter sections inspected each year. C. 100% of municipal and portable seed cleaning plants inspected within municipality C. 100% of villages and hamlets inspected within municipality		

		D.Administer Weed Control Act on County roadsides. E. Eradicate prohibited noxious weeds found within the County	D. 100% of municipal right of way inspected and sprayed where needed for control of regulated weed species E.100% of prohibited noxious weed sites investigated and eradicated.		
Goal Area 4: Support of the Animal Health Act.	Assist with the Animal Health Act within the County as required	A.Implement and promote the County BSE testing program B. Continue promoting VSI services within the County	A. Track # of producers that were reimbursed for BSE testing A.Advertise the County BSE testing incentive program bi-annually in the County Newsletter B. Advertise VSI services bi-annually in the County Newsletter		
Goal Area 5: Encourage adoption of innovative agricultural practices	Acquire and maintain rental equipment to assist the agriculture industry in the County	A.Purchase and replace equipment based on demand and relevance to agriculture best management practices	A. Track usage of existing rental equipment as well as cost recovery figures to use as basis for replacement or disposal of each piece of equipment.		
Goal Area 5: Encourage adoption of innovative agricultural practices	Acquire and maintain rental equipment to assist the agriculture industry in the County	B.Maintain rental equipment in safe working order	B. Keep maintenance and repair records for each piece of equipment.		
Goal Area 5: Encourage adoption of innovative agricultural practices	Promote innovative agricultural businesses and organizations	A. Host an annual agricultural trade show	A. Track # of exhibitors by type (agricultural, home based business, public service, and other).		

		B. Annual selection of Farm Family of The Year	B. Selection based on use of best management practices and community involvement		

Legislative Funding Stream – Detailed Estimated Statement of Expenditures

Calendar Year	A. Manpower	B. Program Activities	C. Capital Expenditures	D. Total Annual Budget (A+B+C)
2017	\$ 207,406.00	\$ 592,472.00	\$ 5000	\$ 804,878.00
2018	\$ 213,628.18	\$ 610,246.16	\$ 5000	\$ 828,874.34
2019	\$ 220,037.03	\$ 628,553.54	\$ 5000	\$ 853,590.57
	Total A= \$ 641,071.21	Total B=\$1,831,271.70	Total C= \$ 15,000.00	Total D= \$2,487,342.91

Manpower: includes salary, wages, benefits and professional development of ASB staff.

Part B: Fill out if applying for Environmental Funding Stream BASIC (\$15,000 minimum)

Goal Area 5. Environmental sustainability			<ul style="list-style-type: none">• # of extension events planned• # of extension events that occurred		

Part C: Fill out if applying for Environmental Funding Stream ENHANCED Funding

Roles and Responsibilities of Participating Municipality Team

Clear Hills County will partner with the MD of Fairview #136, MD of Peace #135, MD Spirit River #133, Birch Hills County, and Saddle Hills County in applying for the environmental funding stream enhanced program. Clear Hills County will act as the administrative municipality, applying for the funds and distributing them towards extension activities for the six partnering municipalities. To achieve the specified goals and objectives, the six municipalities will work in close association with the Peace Country Beef and Forage Association (a producer oriented, not for profit, applied research and extension association), based out of Fairview, Alberta, providing support and assistance. The municipalities will submit their extension requirements to the Peace Country Beef and Forage Association each year. Peace Country Beef and Forage will provide expertise and knowledge, develop demonstration sites, and deliver extension services to all six partnering municipalities. They will also provide yearly progress updates to the Municipalities. This partnership will ensure that key information will reach a larger audience within the partnering municipalities borders.

Environmental Goal 1

Create awareness about and encourage implementation of sustainable cropping systems and farming activities to improve soil health and increase soil carbon sequestration, while reducing fertility inputs.

Strategy 1

- Deliver demonstrations, workshops and field days, and produce and distribute extension materials relating to soil health and soil carbon sequestration
- Identify risk areas and assist producers to complete and/or update Environmental Farm Plans and Growing Forward 2 and 3 applications to aid in increasing sustainable soil health management

Performance Measures

- Continuation of our tracking sheet to record attendance at events, distribution of written extension materials, one-on-one assistance/discussion with producers, and follow up with producers
- Utilize evaluation forms at each extension event to determine effectiveness of program delivery
- Follow up with producers after extension events to record uptake of best management practices (# of producers that took new/additional measures to enhance soil quality on their farm)
- Monitor feedback from producers to PCBFA staff and participating municipality teams for future extension planning

Activity	Contributors Involved	When		
		2017	2018	2019
Deliver workshops on soil health and soil carbon sequestration	PCBFA, Dr. Yamily Zavala, Dr. Richard Teague, Paul Jungnitsch	-2 workshops	-2 workshops	-2 workshops
Promote use of best management practices to improve soil health and increase soil carbon sequestration by distribution of written extension materials directly to producers.	PCBFA	-3 articles in PCBFA monthly newsletter (180 producers)	-3 articles in PCBFA monthly newsletter (180 producers)	-3 articles in PCBFA monthly newsletter (180 producers)
		-1 article in PCBFA biannual magazine (4000)	-1 article in PCBFA biannual magazine (4000)	-1 article in PCBFA biannual magazine (4000)

		producers)	producers)	producers)
Implement and maintain demonstration plots at multiple sites for producer education, showcasing sustainable cropping systems for improving soil health, including demonstrations of cocktail cover crop mixtures, crop rotations, green manure cover crops and short-term fallow.	PCBFA	X	X	X
Field Day at one of the project sites upon conclusion of 3 year project "Farm-level Management Strategies to Reduce Fertility Inputs and Improve Soil Health & Carbon Sequestration for Mitigation of Climate Change"	PCBFA, Dr. Akim Omokanye to present			-1 Field Day
Publish and distribute to producers an extension guide on growing and utilizing cocktail cover crops in the Peace region.	PCBFA; Dr. Akim Omokanye	X		
Deliver workshop on the benefits of utilizing cocktail cover crops for soil health.	PCBFA; Dr. Akim Omokanye	-1 workshop		
Deliver workshop on 4R Nutrient Management	PCBFA		-1 workshop	
Produce and distribute written extension materials and webinars on the effects of different cropping/grazing systems on the distribution of nutrients in the soil and possible environmental impacts	PCBFA; Dr. Akim Omokanye	X		
Develop, implement and maintain full-scale field shelterbelt and ecological buffer demonstration site at Fairview Research Farm for producer education	PCBFA	X	X	X
Deliver workshops on field shelterbelts and ecological buffers for soil improvement, in different areas	PCBFA	-1 workshop	-1 workshop	-1 workshop
Provide one-on-one technical assistance in completing and/or updating EFPs and Growing Forward 2 and 3 applications	PCBFA (two staff EFP technicians)	Assist producers on an as needed basis, targeting a minimum of 30 producers per year	Assist producers on an as needed basis, targeting a minimum of 30 producers per year	Assist producers on an as needed basis, targeting a minimum of 30 producers per year
Deliver open, free workshops on getting started on an Environmental Farm Plan, in combination with a Growing Forward 2/3 programs update	PCBFA (two staff EFP technicians)	-2 workshops	-2 workshops	-2 workshops
Deliver additional demonstrations, workshops and field days related to soil quality and quantity as producer needs evolve and new information arises	PCBFA	X	X	X
Environmental Goal 2				
Increase producer awareness of alternative energy sources, increasing on-farm energy efficiency, and reducing greenhouse gas emissions from agriculture.				
Strategy 1				
<ul style="list-style-type: none"> Deliver workshops and produce and distribute extension materials directly to producers relating to alternative energy sources, energy efficiency, and reducing greenhouse gas emissions from agriculture Identify risk areas and assist producers to complete and/or update Environmental Farm Plans and 				

Growing Forward 2 and 3 applications to aid in improving on-farm energy efficiency

Performance Measures

- Continuation of our tracking sheet to record attendance at events, distribution of written extension materials, one-on-one assistance/discussion with producers, and follow up with producers
- Utilize evaluation forms at each extension event to determine effectiveness of program delivery
- Follow up with producers after extension events and record # of producers who took new/additional measures to reduce greenhouse gas emissions, increase energy efficiency or implement alternative energy sources on their farm
- Monitor feedback from producers to PCBFA staff and participating municipality teams for future extension planning

Activity	Contributors Involved	When		
		2017	2018	2019
Deliver workshops on alternative energy sources such as solar or wind power	PCBFA	-1 workshop	-1 workshop	-1 workshop
Deliver workshops to producers on increasing on-farm energy efficiency and reducing greenhouse gas emissions from agriculture	PCBFA	-1 workshop	-1 workshop	-1 workshop
Host tour of local watering systems featuring sites utilizing alternative energy sources, or energy efficient systems	PCBFA	-1 tour	-1 tour	-1 tour
Provide use of a solar-powered watering system (owned by PCBFA) to producers on short-term loan, for demonstration purposes and to encourage adoption of alternative energy sources on farms	PCBFA	X	X	X
Promote adoption of alternative energy sources on farms, as well as best management practices to increase energy efficiency and reduce emissions, through distribution of written extension materials directly to producers.	PCBFA	-2 articles in PCBFA monthly newsletter (180 producers) -1 article in PCBFA biannual magazine (4000 producers)	-2 articles in PCBFA monthly newsletter (180 producers) -1 article in PCBFA biannual magazine (4000 producers)	-2 articles in PCBFA monthly newsletter (180 producers) -1 article in PCBFA biannual magazine (4000 producers)
Deliver additional demonstrations, workshops and field days related to alternative energy sources, on-farm energy efficiency, and greenhouse gas emissions, as producer needs evolve and new information arises	PCBFA	X	X	X

Environmental Goal 3

Identify specific water quality risks pertaining to each of the main production systems in the region, and increase producers' awareness of the potential risks and best management practices to reduce the impact.

Strategy 1

- Deliver workshops related to water quality and assessment of water quality risks
- Identify risk areas and assist producers to complete and/or update Environmental Farm Plans and

Growing Forward 2 and 3 applications to aid in mitigation of risks to quality of water sources				
Performance Measures <ul style="list-style-type: none"> Continuation of our tracking sheet to record attendance at events, distribution of written extension materials, one-on-one assistance/discussion with producers, and follow up with producers Utilize evaluation forms at each extension event to determine effectiveness of program delivery Follow up with producers after extension events to monitor uptake of best management practices (# of producers that took new/additional measures to enhance water quality on their farm) Monitor feedback from producers to PCBFA staff and participating municipality teams for future extension planning 				
Activity	Contributors Involved	When		
		2017	2018	2019
Deliver producer workshops on water quality	PCBFA	-1 workshop	-1 workshop	-1 workshop
Develop water quality risk management demonstration sites on producer land, and distribute/host related extension events and materials directly to producers	PCBFA	-Identify 2-3 sites in the region with significant water quality risks and assess the sites -Develop plan for mitigating risks	-Implement water quality improvement plan for the sites (capture video footage of process) -Host related workshops	-Host field day/tour of the completed sites -Publish video series of the process and distribute
Promote proper stewardship of our water resources and mitigation of water quality risks on farms by distribution of written extension materials directly to producers	PCBFA	-2 articles in PCBFA monthly newsletter (180 producers) -1 article in PCBFA biannual magazine (4000 producers)	-2 articles in PCBFA monthly newsletter (180 producers) -1 article in PCBFA biannual magazine (4000 producers)	-2 articles in PCBFA monthly newsletter (180 producers) -1 article in PCBFA biannual magazine (4000 producers)
Deliver additional demonstrations, workshops and field days related to water quality, as producer needs evolve and new information arises	PCBFA	X	X	X

	A. Manpower		B. Extension Activities		C. Total Annual Budget (A+B)
Requested ASB Environmental Funding Stream Grant	\$70,000.00		\$50,000.00		\$120,000.00
	Type of Contribution		Type of Contribution		
	Cash	In Kind	Cash	In Kind	
Municipalities	\$23,400.00	\$	\$10,000	\$	\$33,400.00
Other Contributors	\$	\$	\$	\$	\$
	Total A= \$93,400.00		Total B= \$60,000.00		Total C= \$153,400.00

Manpower: includes salary, wages, benefits and professional development of ASB Environmental staff.

Cash: A monetary amount

In-kind: A product or service that has a defined value

Appendix 1: Definitions

Situation Statement

A situation statement describes the current condition of your area that influences your agricultural and environmental business plan. This statement should include some type of local needs assessment to help identify agricultural and environmental issues and priorities that you need to address in your plan.

Examples of components to include in an agricultural and environmental situation statement include:

- Population or number of farming operations
- Size of total municipal landbase
- Break down of landbase into land uses or commodities
- Break down of infrastructure and other non-agricultural activities such as roadways, parks, cemeteries, gravel pits, reserves, landfills, and subdivisions, etc.
- Presence and proximity to waterbodies or watercourses

Overall agricultural and environmental conditions or challenges

Program History and Continuity

- History of environmental extension programming
- Resources available to deliver the program plan (technical capacity, equipment, manpower required)
- Program continuity and past successes

Vision

A vision statement presents an image of what success will look like. A vision provides an organization a forward looking, idealized image of itself. It concentrates on the end goal, not the means to reach the goal.

Mission

A mission statement is an introductory paragraph or statement that sets the context of what will be detailed later in the context of the business plan. A mission statement must communicate the essence of the ASB in terms of the role it plays in achieving the big picture or vision. A mission statement summarizes the What, How and Why of an ASBs work and describes the ASB in terms of its Purpose, Business and Values.

Values

Values are standards or qualities that represent core beliefs or convictions that establish priorities for decision making and action. Including the values of the ASB in your business plan allows you to set out what is important and communicate that importance to others. You may have several values that are important to your municipality. Put as many as are applicable for your municipality.

Goals

Goals are broad, issue oriented statements that being to focus action towards clearly defined purpose. A goal is generally a statement of “what” needs to be done in order the reach the desired end result. Goals are benchmarks against which programs can be measured. They are clear statements of

anticipated results. SMART goals are specific, measurable, achievable, relevant and time specific. When setting goals think about the desired outcome and/or end results you are trying to achieve.

Strategy

Strategies are a specific course of action for a group of activities that will be undertaken to accomplish established goals and achieve key results. A strategy is helpful in that it explains how an ASB will move from the current situation to the desired goals and vision within the timeframe of the business plan. A strategy answers the question of “**how**” we are going to achieve the goals.

Action

Actions are specific steps to be taken to put a strategy into effect. Actions answer the question: What are the activities we are going to do to support the strategy and achieve the goal?

Performance Measures

Performance measures provide a scorecard relative to success in achieving the results intended. By measuring the performance of the ASB you will know how close you are to meeting your goals. In addition, the use of targets specifies a desired future level of performance.

Performance measures highlighted in **bold MUST** be included as part of your business plan.

Results: Activities and Measures

What you actually did over the previous year. What activities you were involved in to accomplish your goals and how you measured the success of these activities. This column is filled out at the end of the year and submitted to ARD as part of the reporting process.

EXAMPLE

Performance measures highlighted in **bold MUST** be included as part of your business plan.

Goal	Strategy	Actions	Performance Measure	Results	
				Activities	Measures (#s)

Oat Marketing Opportunities

Bill Chapman
Crop Business Development Specialist
Alberta Agriculture and Forestry, Barrhead
780-674-8258 office, 780349-0300 cell, and email is
bill.chapman.gov.ab.ca



Quality is Number 1

- ▶ Human Consumption
 - ▶ -Milling for Flakes, Groats or Pablum
 - ▶ Cosmetic market - pharmaceutical grade oil
 - ▶ Beta Glucans - extraction by ethanol

Mycotoxin, Aflo toxin and ochre toxin free
Price is good 2 CW \$ 3.20/bus or 207/tonne
1 CW is \$ 3.35/bus or 217/tonne FOB Stony Plain

Feed Market

- ▶ Horse Market - clipped and re-cleaned market
- ▶ Local Feed Market for Cow- calf - grain, swath grazing, bale grazing
- ▶ Price is 3 CW \$ 2.50/ bus or 162/tonne

Oat Marketing

- ▶ Trust
- ▶ Relationships
- ▶ Price Sensitive
- ▶ Delivery time
- ▶ Bonded - Canadian Grain Commission List

- ▶ **All About People!**

Market dictates the Variety

- ▶ Seed Supply - Certified disease free and clean
- ▶ Know your market and have a back-up plan
- ▶ Samples now you need 20 l pails not sample bags and it must be representative
- ▶ Milling Types - Derby and AC Morgan
- ▶ Feed types AC Morgan, AC Mustang Derby and CDC Baler and CDC SO-1

Agronomy

- ▶ Fusarium Head Blight
- ▶ Crown Rust
- ▶ Treat new seed coming into the area

Commercial or Organic

- ▶ Commercial use fertilizer, follow the soil test and watch your rotation on grey wooded low organic matter soils. Put a pulse in like peas for nitrogen and soil benefits.
- ▶ Organic rotation is critical and keep weeds down with forages then opt into a pulse rotation with peas for nitrogen and soil benefits

Transportation Disadvantage

- ▶ Serious about back haul options for fertilizer and seed
- ▶ Dependant on how far away you are +\$ 30 to 40 per tonne

Welcome To Stony Plain Seed

Helping Customers
Be The Best They Can Be
Since 1954



5 Key Factors Of Stony Plain Seed's Success

- 6 Elected Directors and 1 County appointed Director
- 14 Full time Employees
- 300 Share Holders
- 300 Alberta Producers / Suppliers
- 12 Countries with agriculture value added products



Our Office Staff is always willing to help



Accreditation

- CFIA / CSI
- Seed Protectant
- Phytosanitary Sampling
- Canadian Grain Commission
- Global Organic



Did you know?

Stony Plain Seed is a licenced certified and organic seed cleaning facility. We handle on avg. 400,000 Bu of multiple varieties of seed per year. From the cereals, to pulses, to oil seeds.



The indent is used to cut out either small or large grains from the product.



The Air and Screen is used to make grain uniform. It uses varying sized screens and air to cut unwanted material from product.



The colour sorter is used for most grains. This machine separates darker colour material from the grain.



The shake table uses gravity to separate the lighter product from the grain.

Here at Stony Plain seed, we have high standards of quality control to insure the purity of our customers grain.

Our staff shut down and clean the plant from top to bottom each time we change product, taking 3 - 4 hours to insure the customers grain is not contaminated.

We check the clean product every hour (or every half hour for smaller lots), to make sure the grain is being processed at the highest level of quality.

When the product comes in our staff inspect and inform the customer on how the grain may separate.







Stony Plain Seed loads on average 150 containers per month either by bulk loading or palletized loads. We also ship 5 loads on average per week within North America.



Did you Know?

Stony Plain Seed exports the following different products into 12 different countries:

- ~Oats
- ~Barley
- ~Malt Barley pellets
- ~Beat pulp pellets
- ~Hemp
- ~Peas
- ~DDG's
- ~Flax
- ~Wheat
- ~Faba Beans

Stony Plain Seed Throughput

Our yearly average of 121,072 MT from multiple products are:

DRY Distiller
GENES
Protein without ENERGY

24,139MT	Value Added Oats	5,100MT	Wheat
48,223MT	Feed Oats	6,241MT	Pellets
21,194MT	DDG's	1,278MT	Peas
1,660MT	Flax	1,225 MT	Beans
12,012MT	Barley		





McKenzie Oat Milling

- ▶ Partnership with Frontier Seed Cleaning Plant
- ▶ New Gen Co-op Shareholder Proposal spring '17
- ▶ Project is managed by Keating Strategies
- ▶ Engineering Plans, Plant Process and Equipment by Spring '17

Oat Companies

- ▶ Viterra - buys through elevators and direct at Camrose plant
- ▶ Richardson Pioneer owns Can Oat Processing with Organic Plant in Barrhead and large facility at Portage La Prairie Manitoba
- ▶ Grain Millers with storage and rail facility at Rycroft for shipping to plant at Yorkton
- ▶ Canadian Oat Milling at Namao
- ▶ Local feed opportunities with beef operations

Future Value Added Opportunities

- ▶ Container shipment through Prince Rupert of value added products

Forage Facts

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Testing of New Sainfoin Lines for Bloat-free Alfalfa Pasture Mixtures: PCBFA Research Update

By: Akim Omokanye

Sainfoin - A legume that does not cause bloat

Sainfoin is a perennial forage legume that does not cause bloat because of its condensed tannin concentration. The condensed tannin is very effective at preventing deadly pasture bloat in ruminants. Studies have shown that 15% or more sainfoin in alfalfa mixture can significantly lower, and in certain cases eliminates, the risk of pasture bloat. However, until recently, available sainfoin varieties have not survived well in mixed stands with alfalfa or have not regrown at the same rate after the first cut or grazing and so cannot be used with alfalfa for reducing pasture bloat. Recent studies have shown that new experimental sainfoin lines are more competitive and have improved regrowth rates compared to older sainfoin varieties. Sainfoin is said to be as nutritious and palatable as alfalfa, and more cold and drought tolerant.

In collaboration with Dr. Surya Acharya (AAFC, Lethbridge), PCBFA tested some experimental sainfoin lines (LRC 3900, LRC 3901 & LRC 3902) in mixtures with AC Grazeland alfalfa variety to evaluate their growth, persistency and forage yield. The experimental sainfoin lines were developed by Dr. Surya Acharya. The tests were to help us determine if these experimental sainfoin lines developed for their ability to survive with alfalfa could outperform an older sainfoin variety called Nova. One of the experimental sainfoin lines (LRC-3902) was recently released as AC Mountainview by Dr. Surya Acharya.

How we tested the experimental sainfoin lines at Fairview Research Farm

Three experimental sainfoin lines (LRC05-3900, LRC05-3901, LRC05-3902) along with an older sainfoin variety called Nova (check) were each seeded in mixtures with AC Grazeland alfalfa on May 23, 2013 at Fairview Research Farm (NW5-82-3W6) on RR #35. Both sainfoin and alfalfa were seeded in the same row (same row mixtures). *AC Grazeland alfalfa is a low-bloat potential alfalfa, because this variety results in a slower initial rate of digestion, which helps prevent the onset of bloat.* The soil at the test site had a pH of 5.4 and 8.8% organic matter before seeding. Each mixture was seeded with 15 lbs/acre of sainfoin and 6 lbs/acre of AC Grazeland alfalfa, indicating that half of the usual recommended seeding rates were used for both legumes. The 4 treatment mixtures were replicated 4 times in small plots, which had been arranged in a randomized complete block design. Seeding was 0.5-0.7" deep, and the seed was inoculated. We applied 40 lbs/acre of 11-52-0 at seeding in 2013. Assure II and Basagran Forte were used to control volunteer oats & canola and other broad leaf weeds in the seeding/establishment year (2013).

Cutting was done twice yearly from 2014 to 2016. The first cut was when sainfoin was at 40-50% bloom (alfalfa was at 20-30% bloom) and mostly from June 20-23 every year. The second cut was at 6 weeks after the first cut. *Please note that the highest risk of bloat occurs when legumes are in the pre-bud or vegetative stage.* In 2015, only one cut was possible because deer had selectively grazed down all sainfoin stands in the mixtures just before the second cut was to be taken. From 2014 to 2016, forage dry matter (DM) yield and percent composition (proportion) of sainfoin and alfalfa in the mixtures were determined. Rainfall received at the site from April 1 to August 31 was 9.516" (2013), 4.944" (2014), 6.726" (2015) and 13.504" (2016).

Continued on page 2...

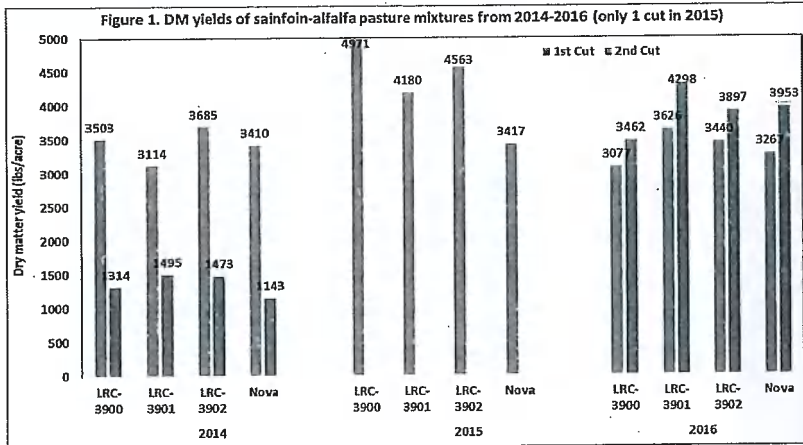


2 New Board Members will be
elected at our AGM on Feb. 24th

Results Obtained and Implications

Forage Dry matter yield (Figure 1)

1) - In general, DM yield at any particular cut was statistically similar for the sainfoin - alfalfa mixtures in 2014, 2015 or 2016. In 2014 (one year after seeding), DM yield was generally lower for the 2nd cut (1143 -1495 lbs DM/acre) than 1st cut (3114-3685 lbs DM/acre). The lower DM yield obtained for the 2nd cut in 2014 was due to low moisture. In Fairview and area, 2014 was a very dry year.



Overall, from 2014 to 2016, including any particular sainfoin in the legume mix did not appear to reduce yields.

Proportion of Sainfoin and alfalfa in the mixtures - The proportions of sainfoin in alfalfa mixtures at every cut are shown in Table 1. Generally, except for Nova sainfoin in 2016 (which had 5-6% sainfoin in the mixtures), sainfoin formed 18% or more of the total forage composition. Overall, the 3 experimental sainfoins produced higher proportion of DM in alfalfa pasture mixtures than Nova. The 3 experimental sainfoins consistently formed 20% or more in the mixtures. This is important because at least 15% sainfoin needs to be present in the alfalfa stand to avoid bloat.

Compared to the 3 experimental lines, the drastic drop in the proportion of sainfoin for Nova from a mean of 22% in 2014 to a mean of 6% in 2016 probably confirms that an older sainfoin variety such as Nova wouldn't be as competitive as the new sainfoin in alfalfa pasture mixtures.

Overall, LRC-3900, LRC-3901 and LRC-3902 dropped by 14, 11 and 8% over the 3 years of cut. Nova dropped by 16% over the same period. Our study further shows that when seeded with alfalfa, the experimental sainfoins should be able to provide bloat protection for more growing seasons than Nova or other older sainfoin varieties.

Sainfoin- Alfalfa Mixture	Forage	2014 Cuts (%)			2015 Cut* (%)			2016 Cuts (%)		
		1 st	2 nd	Mean	1 st	2 nd	Mean	1 st	2 nd	Mean
LRC-3900 + alfalfa	LRC-3900 sainfoin	39	34	37	26	-	26	22	24	23
	AC Grazeland alfalfa	61	66	63	74	-	74	78	76	77
LRC-3901 + alfalfa	LRC-3901 sainfoin	31	40	36	38	-	38	26	23	25
	AC Grazeland alfalfa	69	60	64	63	-	63	74	77	76
LRC-3902 ^a + alfalfa	^a LRC-3902 sainfoin	36	38	37	41	-	41	28	29	29
	AC Grazeland alfalfa	64	62	63	59	-	59	72	71	72
Nova Sainfoin + alfalfa	Nova sainfoin	20	24	22	18	-	18	5	6	6
	AC Grazeland alfalfa	80	77	78	82	-	82	95	94	95

*Only was cut was done. ^aReleased recently as AC Mountainview sainfoin.

Summary

Our results show that Nova sainfoin may not be a good competitor with alfalfa in pasture mixtures compared to any of the 3 experimental lines. As indicated earlier, studies have shown that 15% or more of sainfoin in alfalfa pasture mixtures would significantly lower, and in certain cases eliminate, the risk of bloat. So, our study here at the Fairview Research Farm indicate Nova sainfoin, which contained only 6% in 2016 in alfalfa pasture

Thank-You to the PCBFA Board of Directors

- Jordan Barnfield
- Thomas Claydon
- Conrad Dolen
- Nancy VanHerk
- Preston Basnett
- Faron Steffen
- John Prinse
- Stan Logan
- Gary Gurtler
- Joyleen Beamish

Have Project or Workshop Ideas?

We are always looking for ideas! Give us a call!

PCBFA Member Perks

- Two Free Feed Tests/Year
- Ration Balancing Assistance
- Growing Forward 2 Assistance
- Environmental Farm Plans
- Scale & Tag Reader available for member use
- Soil & Livestock Water Quality Testing

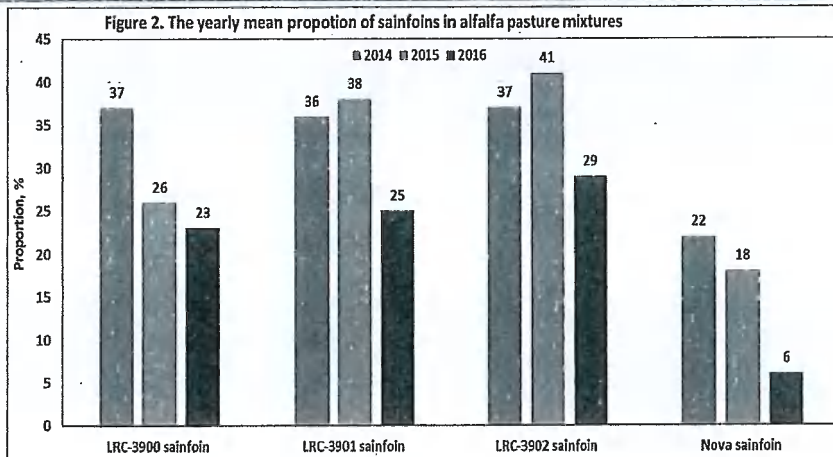
Thank-You to our Municipal Partners

- MD of Fairview
- MD of Peace
- Clear Hills County
- Saddle Hills County
- MD of Spirit River
- Birch Hills County
- MD of Greenview
- Big Lakes County
- County of Grande

Mixtures, may not have the potential to lower bloat a few years after seeding. One (LRC05-3902) of the 3 experimental sainfoin lines used in this study has been released as AC Mountainview sainfoin.

Some Tips to Manage Bloat (Extracts from AAF: Feeding Legumes to Cattle, Agdex 420/62-1)

- ◆ Use non-bloating legumes such as cicer milkvetch, sainfoin and bird's-foot trefoil. Be aware, these forages are not as good as alfalfa in terms of yield, regrowth and persistence in the stand.
- ◆ Low-bloat potential alfalfa - AC Grazeland. This variety results in a slower initial rate of digestion, which helps prevent the onset of bloat.
- ◆ Legume-grass mixtures - improves animal and pasture productivity as well as managing bloat. When legumes are planted with grasses, their presence can improve animal performance by as much as 30%, and even more when seeded in pure stands.
- ◆ Products or supplements to manage bloat - AlfasureT, Bloat Guardr (Poloxalene) and ionophores.
- ◆ NEVER move hungry cattle into legume pastures in the morning.
- ◆ Put animals out to pasture in the afternoon, so plants have a chance to dry off.
- ◆ Feed another source of dry roughage (long fibre) before grazing bloat-causing legumes.
- ◆ Maintain a uniform and regular intake of forages. Once cattle have started grazing, leave them on the pasture, even at night.
- ◆ When animals are first put on pasture, check them at least twice a day. Some animals are chronic bloaters. Watch for these animals, and remove them from the pasture if needed.
- ◆ Graze full bloom mature plants.



PCBFA On-going High Legume Pasture Project with Sainfoin

Collaborators: Conrad Dolen, Fourth Creek

PCBFA is part of a two-year province wide field scale trial (10 acres) to showcase the potential of sainfoin in a high-legume pasture mix. Our site is at the Dolen's in Four Creek. A high legume pasture mix (60% legumes, 40% grasses) was seeded in 2016. AC Mountainview sainfoin variety was used in the mixture. PCBFA is planning a field day at the site in summer 2017 to highlight the project.

For more information on the province wide High legume Pasture Project with Sainfoin, visit:

[http://www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/faq14389](http://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/faq14389)



Director's Corner *with Thomas Claydon*

Hope you all had a Merry Christmas and a Happy New Year!

For those that don't know me, my name is Thomas Claydon. My wife Laura and I have a small farm north of Valleyview, where we raise cows, hay and some years a bit of grain. I took parental leave when our daughter was born, 4 years ago, so I could get more done on the farm. Previously I was an off farm mechanic Monday to Friday and farming on evenings and weekends.

Since then we have been going to various courses and seminars put on by PCBFA to learn more about holistic management, soil improvements, rotational grazing, cover crops, better watering techniques, etc. We are a smaller farm, so each little step is a big improvement. This led to me becoming a Director 3 years ago to learn more about the organization and to help PCBFA continue to be the "go to place" for beef and forage information in the Peace Country. With the variety of events that PCBFA puts on we are always looking for new members, and ideas for events that everyone is interested in. The PCBFA AGM is coming up on Feb. 24, and with that some of our Directors will be finished their term, so if you or someone you know is interested in becoming a Director, talk to PCBFA Staff or one of our Directors.



Upcoming Events

Peace Agronomy Update	January 18th	DMI in Fairview
Farm Transition	January 19th & February 16th	Grande Prairie
Winter Watering Systems Tour	January 21st	Hines Creek
Holistic Management Course	January 26th-28th & February 2nd-4th	Rycroft Ag. Society Hall
Peace Country Beef Cattle Day	February 7th	DMI in Fairview
PCBFA Annual General Meeting	February 24th	DMI in Fairview
Carbon Sequestration & Soil Health Day	February 21st	Details TBA
Solar Workshop PCBFA	March 15th	Westmark Hall 13km west of Woking
New Zealand Ag Study Tour	Nov 12th-Dec 1st 2017	Contact us for more details

For more information or to register for any of these great events, please call the Fairview office at 780-835-6799 or email Jen at jen@pcbfa.ca

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Forage Facts

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February 2017. Volume 12, Issue 145



PCBFA Annual General Meeting—You're Invited!

By: Jen Allen

Save the Date! PCBFA Annual General Meeting (AGM) is taking place on the evening of Friday, February 24th at the Dunvegan Motor Inn in Fairview. You definitely don't want to miss this year's AGM! We will be having Nuffield Scholar, Léona Dargis as our keynote speaker; Lawrence Rowley from Leader Tours presenting and available to answer all the questions you may have about our upcoming New Zealand Ag Tour; our Research Coordinator, Akim, presenting on a PCBFA project research update; and our Agri-Environmental Coordinator, Jen, debuting the Whole Farm Water Planning video series! On top of all of that, there will be door prizes, a bull sale corner, and a free GP Brewing Co tasting! There will be a delicious supper served as well, with opportunity to engage and network with other producers throughout the entire evening!

During our business meeting, we will be holding elections to replace our two outgoing board members: Conrad Dolen and Stan Logan. We are sad to see them go, but looking forward to seeing what the new directors will have to bring to the PCBFA table! Why be on PCBFA's Board of

Directors you ask? You would have the opportunity to be a priority pick for hosting research projects, have the chance to represent PCBFA at provincial conferences, be a part of all PCBFA action, and have a say in the future direction of PCBFA research and extension activities! While this may seem like a lot to put on your plate, we only meet every two months. Is this something yourself, or someone you know would be interested in? Give us a shout and we will provide you with some more information and connect you with one of our current Board members!

Now, a little more about our keynote speaker....

Léona Dargis is originally from St. Vincent, Alberta where she learned to love both agriculture and life, and she currently resides and farms in Whitehorse, Yukon

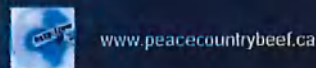
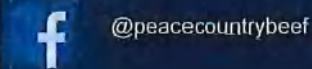


Léona showing off some oats in the Yukon!

Photo via: [instagram.com/leonadargis/](https://www.instagram.com/leonadargis/)

Continued on Page 2...

Follow Us!



Stay up-to-date with all PCBFA's activities!

PEACE COUNTRY BULL SALE CORNER

We will be having our 2nd annual Peace Country Bull Sale Corner at our 2017 AGM. If you would like your bull sale advertised at our display, please contact us!



2 new board members will be elected at our AGM on Feb. 24th



Territory. Léona is a graduate of Olds College with a Bachelor of Applied Science (Agribusiness Major), was an elected board member on the Canadian Young Farmers Forum in 2006, and is a Next Generation trustee for the Royal Agricultural Society of the Commonwealth. In 2011, Léona was selected as a Canadian Nuffield Scholar. This allowed her to study succession planning and farm diversification internationally. Léona helps educate the agricultural community to better understand the next generation and recognize the importance of taking a proactive approach toward succession planning. Léona speaks from experience and will be sure to offer a realistic and unique perspective. We are very excited to be welcoming Léona to speak at our AGM!

To RSVP for our AGM, please contact Jen at 780-835-6799 or jen@pcbfa.ca

We hope to see you there!


2017
Annual General Meeting
FRIDAY, FEBRUARY 24TH
DUNVEGAN MOTOR INN, FAIRVIEW

4:30PM REGISTRATION
5:00PM BUSINESS MEETING
6:00PM SUPPER

KEYNOTE SPEAKER: LÉONA DARGIS
DOOR PRIZES! BULL SALE CORNER!
GP BREWING CO TASTING!

\$55/Person, or \$75/Farm Unit
Includes 2017 PCBFA Membership

Please RSVP to Jen at 780-835-6799 ext. 3 or jen@pcbfa.ca

A block of rooms has been held at Dunvegan Motor Inn & Suites
Please call 780-835-5100 to book a room

Thank-You to the PCBFA Board of Directors

Jordan Barnfield
Thomas Claydon
Conrad Dolen
Nancy VanHerK
Preston Basnett
Faron Steffen
John Prinse
Stan Logan
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MD of Spirit River
Birch Hills County
MD of Greenview
Big Lakes County
County of Grande Prairie

Director's Corner *with Faron Steffen*

Hello everyone—hope the New Year is starting out well for you. For those who don't know me, I'm Faron Steffen. I grew up in the Peace Country and today I farm with my wife, Bonnie and our two boys, Cole & Chace just east of Grimshaw. We run about 180 head as a cow-calf operation, and do some backgrounding and play around with finishing some beef. We also do some grain farming. Additionally, I work off the farm as a truck driver in the oil field moving drilling rigs and equipment. I've been following the PCBFA for some time now and find it to be very informative and so easy to access information from them. This will be my third year applying their information to cover crops, silage mixtures, and winter grazing. Since then I've seen big improvements in soil health along with a reduction to my cropping inputs. I've been a Director for about a year and I'm so impressed with the knowledge that the management and Board of Directors have and how well they pass it on to the producers. PCBFA has been a great fit for our farm for events and information. So, in closing, PCBFA will hold their Annual General Meeting on Feb. 24 and I hope to see new faces and potential members. Good luck with calving! Thank you—Faron.

Using Snow as a Water Source for Beef Cattle



By: Jen Allen



When weighing your options for watering beef cattle in the winter months, using snow comes to mind. There are several reasons why producers would want to use snow for a water source. One main reason is that it assists to increase the length of grazing season on stockpiled pastures or swath grazing. This further decreases production costs, as there would be no need for water bowls, water lines, or power for pumping and heating. There would also be less manure hauling, hauling of feed, and use of tractors with stockpiled pastures or swath grazing. With that being said, there are cautions we should also consider when using snow as a sole water source, with one being the fact that Mother Nature is uncontrollable. If the snow becomes hard or crusted over from rain or a spell of mild weather, the snow is no longer adequate as a water source. Snow needs to be readily available in sufficient quantities in order for it to be a viable source of water. If there is not a sufficient quantity of snow available, the cattle should be brought off the grazing area and taken to a more reliable water source. Eating snow is a behaviour that needs to be acquired by cattle, so you will also have to take into consideration the adjustment period where the cattle learn to consume suitable amounts of snow for their water requirement. According to Alberta AF, it usually takes about 3-5 days for cattle to make this adjustment. If after 5 days your cows are vocal and restless, chances are they have not picked up the behaviour to eat snow and need a different option for a water source.

There are important management practices for snow fed cows in order to maintain the health and welfare of the cows. You need to ensure on a daily (or at least every other day) basis that the snow is accessible, clean and not windblown, trampled, hardened, or iced over. Windblown snow is not easily accessible for cattle, and therefore open fields would not be an ideal area to for snow fed cattle. Confined spaces such as pens are not ideal either as there would not be enough area to supply a proper amount of clean snow. In addition, pay close attention to snowfall quantity and the weather forecast, as it takes approximately 10cm of snow to get 1cm of water. Since the weather can change at any time and could therefore make snow unavailable, it is vital to have a backup watering plan in place.

Studies have shown that there are no indicators of physical stress or changes in maintaining proper body weight on cattle that are solely snow fed, versus cattle on a watering bowl or system. However, it is not recommended to use snow as a sole water source for lactating cows, cows in poor body condition (BCS <3), or cows that are lame or unhealthy. One of the best ways to certify that your cows are getting enough water intake from snow is by monitoring feed intake. With a water shortage, a cow's feed intake will also drop, allowing a cow's body condition to decline rapidly. It is then important to guarantee proper rations, giving sufficient energy, protein, minerals and vitamins. See *Table 1* for recommended water intake per day for beef cows:

Table 1. Recommended amount for water intake per day for beef cows (1200-pound animal) (Derived from Alberta Ag & Forestry, 2015).

Water Intake	Environmental Temperature (°C)
38 litres (8.4 gallons)	-17 to +10
39 litres (8.6 gallons)	10 to 15
44 litres (9.8 gallons)	15 to 21
47 litres (10.4 gallons)	21 to 27
59 litres (13.2 gallons)	27 and above

Before relying on snow as a sole water source for your wintering cattle, first talk it over with someone who has experience in the area, or even your veterinarian, to be sure you are well informed.

(Alberta Agriculture & Forestry, 2015; Manitoba Agriculture, 2008)



Upcoming Events

Peace Country Beef Cattle Day	February 7th 9:00am registration	DMI in Fairview
Transition Planning Workshop (Part 2 of 2)	February 16th 9:00am-3:30pm	Grande Prairie Holiday Inn & Suites Conference Centre
Soil Health & Carbon Day	February 21st 10:30am registration	Spirit River Centennial Hall
Living with Wildlife Workshop	February 23rd 9:00am registration	Grimshaw Legion
PCBFA Annual General Meeting	February 24th 4:30pm registration	DMI in Fairview
EFP & GF2 Workshop	February 28th 1:00pm registration	Debolt Community Centre
Solar Power Workshop	March 15th 9:30am registration	Westmark Hall 13km west of Woking
Surface Rights Workshop	March 29th Time TBA	Worsley
New Zealand Ag Study Tour	Nov 12th-Dec 1st 2017	Contact us for more details

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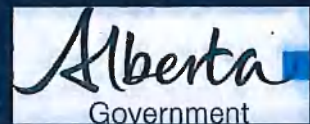
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A huge **THANK YOU**
to all of the collaborators &
attendees of the
**Winter Watering
Systems Tour**
with Steve Kenyon
Greener Pastures Ranching Ltd.
& Dan Benson
Alberta Ag & Forestry
that took place in
Hines Creek on
January 21st, 2017!





CLEAR HILLS COUNTY

Honorable Oneil Carlier
Office of the Minister
Agriculture and Forestry
229 Legislature Building
10800-97 Avenue
Edmonton, AB T5K 2B6

File No. 63-10-02

January 10, 2017

Subject: Municipal Weed Control

Dear Honorable Oneil Carlier,

Thank you for your response to the October 25, 2016 letter requesting the appointment of provincial weed inspectors. Based on your response, Clear Hills County recognized that some clarification was required regarding the initial letter from the County.

In your response letter, you suggested a joint meeting between your staff and representatives from both the urban and rural authorities in Clear Hills County. There is only one urban authority within the boundaries of Clear Hills County, which is the Village of Hines Creek. The County currently has an agreement with the Village to provide weed inspection services for the Village. This agreement has proven very effective for both the County and the Village.

The concerns Clear Hills County has in regards to the spread of noxious and prohibited noxious weeds are not with the urban authorities within our boundaries, but rather with urban municipalities outside of our boundaries. Auction yards, equipment dealership yards, construction companies, etc. pose a significant risk to rural municipalities as far as the spread of noxious and prohibited noxious weeds. In most cases, these urban municipalities are unaware or uninformed of the impact they have on the spread of weeds. These urban municipalities receive no provincial funding for weed control within their boundaries.

With this in mind, Clear Hills County is requesting that the Province of Alberta appoint provincial weed inspectors to enforce the *Alberta Weed Control Act*, in urban municipalities within the province, or perhaps provide funding and/or resources to these municipalities so that they may deal with their respective weed issues successfully. Clear Hills County recognizes that prevention of the introduction of noxious and prohibited noxious weeds into our County is the first and most effective step in an Integrated Weed Management Plan. Controlling weeds in the urban areas is a step that is often overlooked.

Thank you in advance for your diligent consideration in this matter.

Yours truly,



Reeve, Clear Hills County

GC/

cc: The Honorable Rachel Notley Premier of Alberta
The Honourable Joe Ceci, Minister of Finance and President of the Treasury Board
The Honorable Margaret McCuaig-Boyd, MLA Dunvegan-Central Peace - Notley
Peace River Region Agriculture Service Boards
Trent Keller, President, Association of Alberta Agricultural Fieldmen



THE PEST INSIDER

December 2016

Wild Boar Toxic Bait

Sodium nitrate, a common meat preservative, is toxic to pigs when ingested at high levels. Research is being done in Australia and the United States to develop a bait-delivery method of sodium nitrate to feral swine. This quick-acting, low-residue toxin is most toxic to large opportunistic omnivores and is safer for herbivores and meat eaters. It has a half-life of less than one hour, so sub-lethal doses are rapidly eliminated from non-targets. The bait being tested in the U.S. is called Hog-Gone. It resembles a 30 mm, 70 g chunk of meat, and it is delivered in a hopper device designed for feeding pigs. Australian field trials of Hog-Gone show up to 80% population reduction of feral swine in some locations. When 300 feral pigs were removed, reported collateral non-target damage was 1.7% when bait was placed without feeding hoppers deployed. Hunters and wildlife would not be at risk from eating the meat of lethally poisoned feral pigs, as residues are less than that allowed in bacon. Only the undigested stomach contents and vomit contain residues of concern, which could be a threat to some scavengers.

Hog-Gone Bait and Hopper Feeder



*“Rats are like
potato chips.
You just can’t
have one.”*

Author Unknown

In This Issue

- Wild Boar Toxic Bait
- Rats and Disease
- Mice and Poultry
- Weasel-Our Friend for Rodent Control
- Falls Most Troublesome Rodents
- Rat Update
- Events



Not Even One Please

Rats and Disease

Rats can act as a pathogen sponge according to Dr. Chelsea Himsworth, a veterinary pathology researcher in British Columbia and leader of the Vancouver Rat Project, which is a study of urban rat populations, the microbes they carry, and the infection disease risks they could pose to people.

The rats absorb human pathogens in the environment then give them back to us. Research for the project found that people and rats in Vancouver were carrying the same human strains of MRSA (methicillin-resistant *Staphylococcus aureus*), *C-difficile* and *E. coli*. According to Dr. Himsworth, rats are more dangerous to humans than we knew previously, and you do not have to be near a rat to acquire a bacteria-related illness from a rat. Leptospirosis, rat bite fever, and bacteria superbugs are other disease concerns with rats. One colony of rats may harbour a heavy disease load, and another colony none. The healthiest rats seem to be the carriers and can transmit disease in a multitude of ways including by bite, urine, feces, hair, and fleas. The potential that bacteria could mutate into a superbug is of real concern as it poses a risk to humans who have no antibiotics to combat any new bacteria; in fact we are having concerns combating the bacteria already all around us. Currently many diseases spread by rats get misdiagnosed or underdiagnosed so we do not know the real impact that rats are now causing.

The best answer is to ensure we do not allow rats to become established in our Alberta cities and farms, and eradicate every rat seen or reported.



Mice Cause Poultry Producer Big Losses

A poultry producer in central Alberta found mouse control a real concern when salmonella and *E. coli* were found in his pullet barn. After depopulating the barn and disinfecting the facility, it was found that mice were the cause of his positive test for the bacteria. A close inspection of the older barn found a population of mice under cracked concrete and small crawl spaces where walls meet the floor and between wall joints. An intense baiting program was set up to eradicate the rodents. Preventative measures of gravel around the outside of the building for several metres, filling cracks with cement and caulking, and an effective, perpetual baiting program with bait stations was set up. Although the problem was eliminated fairly quickly, the stop in production for many months was a substantial loss.



Weasel

The least weasel (Mustelidae) is the smallest carnivore on the planet. But do not let its tiny stature, soft fur, cute face, and big dark eyes fool you into thinking it is cuddly. Wolverines and badgers are actually the pleasant cousins of the weasel.

Weasels will sometimes eat only the brains of its main food source, the vole. They have been known to steal other rodents burrows, and then decorate the walls with the skins of their victims. They can attack and kill animals up to ten times their size and weight, making rabbits and grouse their prey.

At eight weeks old, a baby weasel is practicing killing techniques on bugs, and by 12 weeks it is on its own. Weasels thrive in snow, chasing down victims using the subnivean space between the ground and the snow as a hunting area, and being safe from larger predators.

Weasels may look sweet and innocent but do not try to make a pet out of them as you may find they are a bit vicious.

Our Friend for Rodent Control



Falls Most Troublesome Rodents

This fall season has the house mouse and the pack rat as the most complained about and destructive rodents. Numerous house mouse complaints were received by residents in their homes, and one large poultry operator lost heavily to the house mouse. Two incidents of bushy-tailed wood rats in homes have caused the homeowners substantial losses in trying to eliminate these pests from their residences.

Although pack rats are a native species, and most often are an important part of our ecosystem, occasionally they move into homes, cabins, and garages to make their nests. Considerable personal damage and expensive control measures can be encountered when this occurs.

Pack Rat and House Mouse



RAT UPDATE FROM PHIL MERRILL

This year has seen 19 single rat reports being received from throughout the province confirmed as roof rats. Only four single rat reports received were confirmed as Norway rats. We have had no rat infestations reported this year in Alberta, including none in the rat control zone (RCZ). Several rat infestations in Saskatchewan near the RCZ attracted some attention, and were fought within Saskatchewan.



Most of the rat sighting notifications continue to come in via the 310-RATS number. We received about 50 reports a month on the hotline, with almost two per month being confirmed as rat sightings. The increase in number of confirmed rat sightings per month has most likely been as a result of our 310-RATS number, which means most of the rat sightings now get reported, and more quickly and easily. However, I suspect there could still be a number of rats that come into the province and perish without being either seen or reported. Nice to know that no rats became established enough to nest and reproduce in Alberta this year.

Rats have not been detected in any landfills in the province this year, but we remain diligent in monitoring these high-risk areas. Not only are landfills high risk for rat infestations, but they are also very difficult areas to achieve total rat eradication once rats find their way into the facility.

We greatly appreciate all the work that our on-call staff does to answer rat calls after hours, and on weekends and holidays. Our 310-RATS number would not be successful if callers did not get a response 24/7. Thanks to all our Ag. Fieldmen and Municipal PCOs for investigating all the 310-RATS calls and reports.

CONTACTS

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EVENTS

A PCO training course for rats was held on November 22, 2016, in Ryley, Alberta at the Legion Hall. Twenty PCOs are now better armed to ensure we stay rat free in Alberta. The afternoon had the RCZ meeting that was well attended by contract PCOs, and the best selection of bait for the job in relation to protection of the environment was highlighted.

A PCO training session was held in Gleichen, Alberta to keep rat officers and producers informed on best practices to stay rat free.