



MUNICIPAL DISTRICT OF GREENVIEW No. 16

REGULAR AGRICULTURAL SERVICE BOARD MEETING AGENDA

Wednesday, April 29, 2020

9:30 AM

Council Chambers
Administration Building

-
- | | | | |
|----|----------------------------|---|----|
| #1 | CALL TO ORDER | | |
| #2 | ADOPTION OF AGENDA | | |
| #3 | MINUTES | 3.1 Regular Agricultural Service Board Meeting minutes held Wednesday, March 25, 2020 to be adopted. | 3 |
| | | 3.2 Business Arising from the Minutes | |
| #4 | DELEGATION | | |
| #5 | BUSINESS | 5.1 Smoky Applied Research and Demonstration Association (SARDA) Conditional Grant | 7 |
| | | 5.2 Veterinary Services Incorporated (VSI) – Addition of Bees | 11 |
| | | 5.3 Managers' Report | 32 |
| #6 | MEMBERS BUSINESS & REPORTS | <ul style="list-style-type: none">• Chairman Warren Wohlgemuth• Member Mark Pellerin• Reeve Dale Smith• Councillor Bill Smith• Member Richard Brochu• Member Stephen Lewis• Member Larry Smith | |
| #7 | CORRESPONDENCE | <ul style="list-style-type: none">• V.S.I. Services Ltd. – 2020 Requisition and Quarterly Report• Clear Hills County – Letter to Hon. Minister Dreesen• County of Northern Lights – Seed Royalties• Moisture Situation Update as of March 31, 2020 | |

- Moisture Situation Update as of April 15, 2020
- Informal Moisture Situation Update as of April 19, 2020
- 2020 Alberta Agriculture Hall of Fame Nomination Form
- SARDA 2019 Extension Report
- SARDA Back Forty Newsletter

#8 ADJOURNMENT

Minutes of a
REGULAR AGRICULTURAL SERVICE BOARD
MUNICIPAL DISTRICT OF GREENVIEW NO. 16
Greenview Administration Building,
Valleyview, Alberta, on Wednesday, March 25, 2020

1: Chairman Warren Wohlgemuth called the meeting to order at 9:37 a.m.
CALL TO ORDER

PRESENT	A.S.B. Member – Chair	Warren Wohlgemuth
	A.S.B. Member – Vice-Chair	Stephen Lewis
	A.S.B. Member – Councillor	Bill Smith
	A.S.B. Member – Reeve	Dale Smith
	A.S.B. Member	Richard Brochu
	A.S.B. Member	Larry Smith

ATTENDING	Asst. Manager, Agriculture Services	Dave Berry
	Agriculture Supervisor Trainee/Recording Secretary	Kristin King
	Manager, Marketing & Communications	Stacey Sevilla
	General Manager, Community Services	Gerry Murphy

ABSENT	Manager, Agriculture Services	Quentin Bochar
	A.S.B. Member	Mark Pellerin

#2: MOTION: 20.03.17. Moved by: REEVE DALE SMITH
AGENDA That the Agricultural Service Board adopt the March 25, 2020 Regular Agricultural Service Board Meeting Agenda with the following additions;

- 5.2 Letter to Minister for the Retention of Fusarium Graminearum on the Agricultural Pests Act.

CARRIED

#3.1 MOTION: 20.03.18. Moved by: REEVE DALE SMITH
ORGANIZATIONAL That the Agricultural Service Board adopt the minutes of the Organizational
AGRICULTURAL Agricultural Service Board Meeting held on Wednesday, February 26, 2020 with
SERVICE BOARD the following changes;
MEETING MINUTES

- #3 change Steven Lewis to Stephen Lewis
- #4 change Stephan Lewis to Stephen Lewis

CARRIED

#3.2 MOTION: 20.03.19. Moved by: MEMBER RICHARD BROCHU
REGULAR That the Agricultural Service Board adopt the minutes of the Regular Agricultural
AGRICULTURAL Service Board Meeting held on Wednesday, February 26, 2020 as presented.
SERVICE BOARD
MEETING MINUTES

CARRIED

BUSINESS ARISING FROM THE MINUTES

5.2 DRAFT LETTER FOR FUSARIUM GRAMINEARUM

DRAFT LETTER

MOTION: 20.03.20. Moved by: REEVE DALE SMITH

That Agriculture Services Board accept the draft letter to Minister Devin Dreesen and Todd Loewen, MLA Central Peace-Notley for the retention of Fusarium Graminearum in the Pest and Nuisance Control Regulation.

CARRIED

Chairman Warren Wohlgemuth called a recess at 9:53 a.m.

Chairman Warren Wohlgemuth reconvened the meeting at 10:00 a.m.

#4.0 DELEGATION

4.0 DELEGATIONS

4.1 MIKE RUSSELL, SENIOR WILDLIFE BIOLOGIST, ENVIRONMENT AND PARKS – MANAGING ELK IN THE UPPER PEACE

DELEGATE UPDATE, UNGULATE PREDATION

MOTION: 20.03.21. Moved by: REEVE DALE SMITH

That the Agricultural Service Board accept the Environment & Parks Managing Elk in the Upper Peace presentation for information.

CARRIED

4.2 MARK HECKBERT, FISH AND WILDLIFE POLICY MANAGER – LIVESTOCK CARCASS COMPOSTING 2020

DELEGATE UPDATE, PREDATION MANAGEMENT

MOTION: 20.03.22. Moved by: VICE-CHAIRMAN STEPHEN LEWIS

That the Agricultural Service Board accept the Fish and Wildlife Policy Manager Livestock Carcass Composting 2020 presentation for information.

CARRIED

4.3 DR. KIM STANFORD, BEEF RESEARCH SCIENTIST, LIVESTOCK SYSTEM SECTION, AGRICULTURE AND FORESTRY – EXECUTIVE SUMMARY MORTALITY DISPOSAL

DELEGATION UPDATE, DEADSTOCK DISPOSAL

MOTION: 20.03.23. Moved by: MEMBER RICHARD BROCHU

That the Agricultural Service Board accept the Agriculture and Forestry Executive Summary Mortality Disposal presentation for information.

CARRIED

4.4 DONNA CROSS & GARY COUCH, GREENVIEW ENVIRONMENTAL SERVICES – ACCEPTANCE CRITERIA FOR BOVINE/SRM AT CLASS II ENGINEERED LANDFILL

**DELEGATE UPDATE,
LANDFILL
REQUIREMENTS
FOR DEADSTOCK**

MOTION: 20.03.24. Moved by: REEVE DALE SMITH

That the Agricultural Service Board accept the Environmental Services Acceptance Criteria for Bovine/SRM at Class II Engineered Landfill presentation for information.

CARRIED

Chairman Warren Wohlgemuth called lunch at 12:27 p.m.

Chairman Warren Wohlgemuth reconvened the meeting at 1:08 p.m.

**#5
BUSINESS**

5.0 BUSINESS

5.1 MANAGER REPORTS

**MANAGERS'
REPORT**

MOTION: 20.03.25. Moved by: VICE-CHAIRMAN STEPHEN LEWIS

That the Agricultural Service Board accept the Managers' report as presented.

CARRIED

**#6
ASB MEMBERS'
BUSINESS &
REPORTS**

6.0 MEMBERS' BUSINESS & REPORTS

VICE-CHAIR STEPHEN LEWIS updated the Agriculture Service Board on his recent activities, which Include;

- Nothing to report

MEMBER RICHARD BROCHU updated the Agriculture Service Board on his recent activities, which Include;

- PCBFA: 2020 Cocktail Cover Crop Workshop

MEMBER LARRY SMITH updated the Agriculture Service Board on his recent activities, which Include;

- Nothing to report

REEVE DALE SMITH updated the Agriculture Service Board on his recent activities, which Include;

-

COUNCILLOR BILL SMITH updated the Agriculture Service Board on his recent activities, which Include;

- Alberta Beef Industry Conference

CHAIRMAN WARREN WOHLGEMUTH updated the Agriculture Service Board on his recent activities, which include;

- Nothing to report

**ASB MEMBERS
REPORTS**

MOTION: 20.03.26. Moved by: COUNCILLOR BILL SMITH
That the Agricultural Service Board accept the ASB Members reports as information.

CARRIED

**#7
CORRESPONDENCE**

7.0 CORRESPONDENCE

**ASB
CORRESPONDENCE**

MOTION: 20.03.27. Moved by: MEMBER RICHARD BROCHU
That the Agricultural Service Board accept the correspondence as presented.

CARRIED

**#8
ADJOURNMENT**

9.0 ADJOURNMENT

MOTION: 20.03.28. Moved by: MEMBER LARRY SMITH
That this Agricultural Service Board meeting adjourn at 2:00 p.m.

CARRIED

MANAGER, AGRICULTURE SERVICES

ASB CHAIRMAN



REQUEST FOR DECISION

SUBJECT:	SARDA – CONDITIONAL GRANT		
SUBMISSION TO:	AGRICULTURAL SERVICES BOARD	REVIEWED AND APPROVED FOR SUBMISSION	
MEETING DATE:	April 29, 2020	CAO:	MANAGER: DB
DEPARTMENT:	AGRICULTURE	GM:	PRESENTER: DB
STRATEGIC PLAN:	Level of Service		

RELEVANT LEGISLATION:

Provincial (cite) – N/A

Council Bylaw/Policy (cite) –

RECOMMENDED ACTION:

MOTION: That the Agricultural Service Board accept the request from SARDA to utilize the 2020 calendar year grant without implemented conditions applied.

BACKGROUND/PROPOSAL:

At the February 27, 2020 Agricultural Service Board meeting a motion was made with reference to the Smoky Applied Research and Demonstration Association (SARDA) grant to be conditional upon host initiatives or workshops being held within the region for the 2020 calendar year. A letter was submitted to SARDA on March 12, 2020 to inform them of the conditional grant request.

SARDA responded to indicate that commitment to the requested conditions will be difficult due to staff shortages and funding commitments required in basic delivery of service. SARDA requested that the funds be released without conditions for the 2020 calendar year.

Administration is recommending due to the circumstances conveyed by SARDA that the grant funds be released without implementing conditions upon the grant for the 2020 calendar year.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the Agricultural Service Board accepting the recommended motion is that this will allow for SARDA to implement delivery of basic services while dealing with staff shortages during the 2020 calendar year.
-

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. The disadvantage to the recommended action is that Greenview will not have a commitment of host initiatives or workshops being held within the region for the 2020 calendar year.
-

ALTERNATIVES CONSIDERED:

Alternative #1: The Agricultural Service Board has the alternative to not accept this motion, however the grant funding will not be released until SARDA commits to the specified obligation indicated in the letter.

FINANCIAL IMPLICATION:

There are no financial implications to the recommended motion.

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Administration will contact SARDA to inform them of the Agricultural Service Board decision with regards to the request to receive the grant without conditions.

ATTACHMENT(S):

- Letter to SARDA from Greenview – March 12, 2020



MUNICIPAL DISTRICT OF GREENVIEW No. 16

March 12, 2020

Smoky Applied Research and Demonstration Association
Box 90
Falher, AB T0H 1M0

RE: Greenview Grant

We are pleased to inform that the Agricultural Service Board has approved a conditional grant in the amount of \$60,000.00 to the Smoky Applied Research and Demonstration Association. We require grant recipients to provide an annual financial statement. The grant will be released contingent upon confirmation that host initiatives or workshops will be held within the region during the 2020 calendar year.

In recognition of the donation provided by Greenview, we will require official recognition by your organization. Contact Greenview's Marketing and Communications Manager, Stacey Sevilla, to coordinate your organization's recognition of Greenview's grant contribution. Ms. Sevilla may be reached at 780-524-7625 or stacey.sevilla@mdgreenview.ab.ca. Please contact our Communications Department at least two months prior to your event or planned installation of signage to allow sufficient time for developing advertising concepts, design and approval of your grant recognition project.

The form of recognition will depend on the donation amount provided by Greenview and the specifics of each facility or event. Forms of recognition may include but are not limited to: signage, rink boards, plaques, advertising in event promotional materials such as posters and programs, on air radio mentions or ads, and website or video advertising. We may also arrange a cheque presentation photo with Council and your representatives from your organization. All use of the M.D. of Greenview logo requires authorization by our Communications Manager. A copy of the advertising or image of the signage should also be provided to the Communications Manager for our records.

Greenview remains very supportive of your organization's initiatives and anticipate your commitment to the specified obligations. Should you have any questions or concerns, please contact the undersigned at dave.berry@mdgreenview.ab.ca or 780.558.9333.

Respectfully,

Dave Berry
Assistant Manager, Agricultural Services

DB/tm

cc: FOIP/Records Management

April 20, 2020

RE: Funding Request 2020

Dear Dave,

I would like to thank you for the conditional support grant for \$60,000 for the operations of SARDA Ag Research programs. I have some concerns to bring forward. In the past, hosting initiatives or workshops were not a condition. The previous agreement was fulfilled by research projects in the Peace Region and alternating hosting a research site between the MD of Greenview and the County of Big Lakes every 2 years. With the new guidelines, support is contingent on hosting within the region.

Our plans for 2020 are to conduct trials in the Debolt Area. However, due to the COVID19 outbreak the Board has made a motion to postpone these for the summer of 2021 and for operation to be solely in the Smoky River Area.

As of April 1, 2020 Calvin Yoder joined the SARDA Ag Research Team to continue to support the Ag community in Forage Seed Production Extension and Research. The Peace Region Forage Seed Association has partnered with us to support this position. As you may already be aware, the Government of Alberta has laid off many of the extension and research staff, including the call centre. More layoffs are expected in June as Alberta Agriculture is switching focus to a Results Driven Agricultural Research (RDAR) that will be farmer-led. The new RDAR Association will be similar to ALMA and ACIDF. I have been asked to sit on the interim board and have accepted the position.

Lastly, we are exploring new ways, such as videos and Power Point presentations, in which to extend information.

I am pleased to report that SARDA Ag Research has been successful in grant applications from the Canadian Agriculture Partnership (CAP). These include the operational funds that used to be the Alberta Opportunities Fund, in the amount of \$190,000. We have also received funding for our ongoing operational variety trials, wheat protein trial, and industrial hemp. New trials for 2020 include pulse intercropping and Canola seed size & depth. Without the support of our municipal and industry partners, none of this could have been accomplished as many of these need 50% matching funds.

Your support is greatly appreciated and I hope to see it continue into 2020.

Regards,

A handwritten signature in black ink that reads "Vance Yaremko".

Vance Yaremko



REQUEST FOR DECISION

SUBJECT:	Veterinary Services Incorporated (V.S.I.) – Addition of Bees		
SUBMISSION TO:	AGRICULTURAL SERVICES BOARD	REVIEWED AND APPROVED FOR SUBMISSION	
MEETING DATE:	April 29, 2020	CAO:	MANAGER:
DEPARTMENT:	AGRICULTURE	GM:	PRESENTER:
STRATEGIC PLAN:	Level of Service		

RELEVANT LEGISLATION:

Provincial (cite) – N/A

Council Bylaw/Policy (cite) – Policy AG12 Veterinary Services Incorporated and Policy 6311 Animal Health

RECOMMENDED ACTION:

MOTION: That the Agricultural Service Board recommend to Council that Policy AG12 Veterinary Services Incorporated include bees as an eligible species.

MOTION: That the Agricultural Service Board recommend to Council that Administration renegotiate the contract between VSI Services and Greenview to reflect the addition of bees as an eligible species.

BACKGROUND/PROPOSAL:

At the Veterinary Services Incorporated (V.S.I.) Annual General Meeting (AGM) held November 8, 2019 the Directors discussed the requirement of veterinarian documentation that confirms a valid veterinarian-client-patient-relationship (VCPR) exists in order to purchase Medically Important Antimicrobials (MIA) for the care of bees in the Beekeeping field. A motion was made at the V.S.I. AGM to bring the topic of including bees as an eligible species within the V.S.I. program to the individual Council's for their review.

Health Canada directed that the use of MIA in food producing animals shall be under veterinary oversight, this regulation was fully implemented at the end of the 2018 calendar year. As a result of Health Canada requiring Beekeepers to purchase their medicinal supplies in the caring of their bee business, a municipality put forward a request to make bees an eligible species included in the V.S.I. program.

Currently, under Greenview's Policy AG12 Veterinary Services Incorporated, animal species that qualify for subsidization of eligible procedures through VSI, established in the original VSI Agreement include: Bovine (cattle), Porcine (swine), Ovine (sheep) and Caprine (goats).

Like any livestock production system, bees are afflicted by many disease threats, including bacteria, fungi, viruses and parasites. These health situations have historically been managed by beekeepers with guidance from provincial and federal employees engaged in the field. The engagement of private veterinarians was minimal.

American foulbrood (AFB) is a bacterial disease with significant impact on the industry. It is widespread with as many as 25 percent of the colonies showing the presence of spores in some areas. The prevalence varies widely across Canada. In areas of high incidence, AFB is preventatively treated with tetracycline fed to the colony in the fall and spring (most of the time, it is mixed with sugar and placed as a dust on top of the frames), even in unaffected colonies. Normally, the antibiotics work on the vegetative stage but not on the spore forming stage. Consequently, it hides the presence of the disease and AFB cannot be eliminated by antibiotic treatment (because the spore forming stage is not affected). As a result of this systematic preventive use, tetracycline resistance has developed and management is further complicated. Tylosin is also registered in Canada for AFB therapy and is only recommended when AFB has been confirmed and tetracycline resistance has been documented. In these situations, Tylosin is used in the fall. In addition to the risk of developing resistance, both products are problematic in that there is a risk of contamination of commercial honey with antibiotics. Consequently, their use must be carefully controlled and limited to a timeframe when commercial honey is not being produced.

All new and registered Beekeepers are required to have a Premises Identification Number (PID). The PID is provided through Alberta's traceability program and is separate from the apiculture program registration number. The PID number is a requirement to have access to medications for bee diseases and pests. The Provincial Apiculturist and inspection team work with the Beekeepers to determine diagnosis of pest or disease etc. of the bee colonies.

The Bee Act and Regulations form the framework to regulate the beekeeping industry in Alberta. This legislation puts in place much of the necessary systems to respond quickly if there are threats of disease and pest outbreaks or other emergencies that could affect honey bee health. Anyone who owns bees or beekeeping equipment must register with the Alberta Apiculture Program and keep all information up-to-date.

The new Health Canada regulation makes it necessary for the Beekeeper to access tetracycline, tylosin or any other medically important antimicrobial for use in their operation through a veterinary prescription in all Canadian jurisdictions.

In 2015, there were 8,500 recorded honey producers in Canada. This represents over 720,000 colonies of bees. Canada produced 95 million pounds of honey with a market value of 250 million Canadian dollars. At that time, sixty-eight percent of the Canadian production was in Alberta, Saskatchewan and Manitoba with 41 percent coming from Alberta. Ontario had the largest number of producers, 2562.

The current V.S.I. Services agreement is in effect from January 1, 2020 to December 31, 2020 and the cost for implementing, administering and carrying out the Veterinary Health Program is One Hundred and Eighteen Thousand and Five Hundred Dollars (\$118,500.00). The addition of bees to the V.S.I. Services agreement will result in an additional cost to Greenview, the amount required has not been determined.

Administration is recommending that Greenview add bees to the Veterinary Services Incorporated Policy AG 12 in support of assisting the beekeeping industry prosper and support plant pollination in the region. Administration emailed the V.S.I. Manager to gather additional information to consider with the inclusion of bees, such as the cost for the drugs and medicines, veterinarian costs and the possibility of amending the current agreement. To-date a response has not been received from the V.S.I. Manager.

If the Board agrees to include bees within the V.S.I. program the following topics should be considered:

- Currently, there is no inclusion within the V.S.I. agreement to include drugs and medicines. If bees are included in the V.S.I. agreement, what coverage should be included, example: all fees, only the drugs and medicines or Veterinarian service fees?
- When should the bees be included in the V.S.I. agreement? Currently, the agreement is from January 1, 2020 to December 31, 2020. Should the agreement be amended immediately as recommended or proceed with the addition of the bees in the 2021 calendar year?

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the Agricultural Service Board accepting the recommended motions is that Greenview will be supporting the sustainability of the important beekeeping industry which in turn additionally supports crop pollination.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. The disadvantage to the recommended motion is that additional funds will be required to support the bee industry through the V.S.I. agreement.

ALTERNATIVES CONSIDERED:

Alternative #1: The Agricultural Service Board has the alternative to deny the recommendation to add bees as an eligible species to Policy AG 12.

Alternative #2: The Agricultural Service Board has the alternative to deny the recommended motion or change the start date for the inclusion of bees in the V.S.I. program to commence January 1, 2021.

FINANCIAL IMPLICATION:

Direct Costs: Direct costs will result in the increased payment to V.S.I. to implement, administer and carry out the Veterinary Health Program. The cost for adding bees has not been determined at this time.

Ongoing / Future Costs: Ongoing/future costs will result if bees remain as an eligible species for the V.S.I. program within Greenview Policy AG12.

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

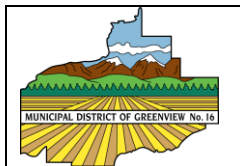
Inform - We will keep you informed.

FOLLOW UP ACTIONS:

If the Agricultural Service Board approves of the addition of bees to the V.S.I. program, Administration will prepare a Request for Decision to Council with the recommendation to update Policy AG12. If the recommendation of amending the V.S.I. agreement is approved, Administration will present that recommendation to Council.

ATTACHMENT(S):

- Policy AG12 – Veterinary Services Incorporated
- VSI Services Agreement – January 1, 2020



M. D. OF GREENVIEW NO. 16
POLICY & PROCEDURES MANUAL

Section:
AGRICULTURE

POLICY NUMBER: AG 12

POLICY TITLE: VETERINARY SERVICES INCORPORATED

Page 1 of 1

Date Adopted by Council / Motion Number:

12.06.357

PURPOSE:

The Municipal District of Greenview recognizes the importance of continued participation in the Veterinary Services Incorporated (V.S.I.) program to assist in the recruitment and retention of available veterinary services, to enhance the productivity of the livestock industry and to promote Best Management Practices for improved animal health.

POLICY:

1. The Municipal District will appoint the Chair or Vice-Chair of ASB to sit on the V.S.I. Board. The appointed member will report to the Council and Agricultural Service Board, and transfer ideas or concerns from the Municipal District to the V.S.I. Board and vice versa.
2. Council will, during budget deliberations, establish the level of funding to be provided to V.S.I. with due regard for requisition values.
3. The Municipality will enter into agreement and forward funds to V.S.I. for the full requisition amount for the upcoming year.
4. The Manager of Agricultural Services will review and present V.S.I. quarterly activity reports to Agricultural Service Board meetings during the month following receipt of the quarterly report, for review and recommendations to Municipal Council.
5. Clients seeking subsidy under the V.S.I. program are required to apply for membership through Agricultural Services for verification of eligibility. Eligibility requirements will be in accordance with the agreement between the Municipal District of Greenview and Veterinary Services Incorporated (1980) Ltd.
6. The Manager of Agricultural Services will maintain an up-to-date active V.S.I. Client list and will issue membership cards to new and continuing members as required.
7. The attached "Schedule A" contains a list of eligible livestock species and will be considered part of this policy.

(Original signed copy on file)
REEVE

CHIEF ADMINISTRATIVE OFFICER

ELIGIBLE SPECIES

Animal species qualified for subsidization of eligible procedures through VSI, established in the original VSI Agreement signed in 1978, are as follows:

Bovine	(cattle)
Porcine	(swine)
Ovine	(sheep)
Caprine	(goats)

This agreement made effective as of January 1, 2020.

Between

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

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

and

MUNICIPAL DISTRICT OF GREENVIEW #16 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, 2019 (hereinafter referred to as the "agreement"); and

Whereas the agreement, by its terms, is deemed to terminate on December 31, 2019; and

Whereas the parties hereto desire to continue the agreement in full force and effect for the period from January 1, 2020 to December 31, 2020.

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, 2020 to December 31, 2020 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, 2020
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

**ONE HUNDRED AND EIGHTEEN THOUSAND AND FIVE
HUNDRED (\$118,500.00) DOLLARS**

to establish the Veterinary Health Program in the Jurisdiction for the 2020 calendar year.


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.

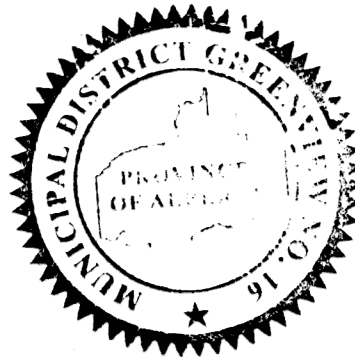
V.S.I. SERVICES (1980) LTD.

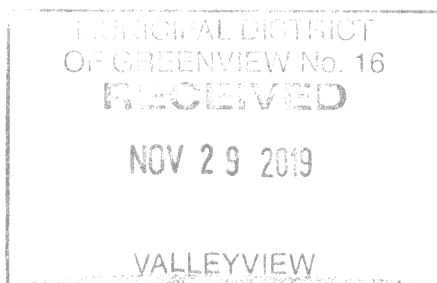
Per 
Rik Vandekerkhove

Signed, sealed and delivered
in the presence of:

Witness


M. D. of Greenview #16





V.S.I. Services (1980) LTD.
Schedule "A" 50/50- Effective Jan 1 2020

**BIRCH HILLS, MACKENZIE, NORTHERN LIGHTS, NORTHERN SUNRISE, and SADDLE HILLS COUNTIES and the MD's of
GREENVIEW #16, PEACE #135, and SMOKY RIVER #130**

Until this Tariff is amended, and subject to the terms and conditions of the year 2020 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	Maximum Fee	50% VSI fee	50% CLIENT fee
Clinic Outpatient Fee	9	46.40	23.20	23.20

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	35.80	17.90	17.90
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Note: Epidurals can **only** be **claimed** in conjunction **with dystocias** (code 31), **embryotomies** (code 44 & 45) & **prolapse revisits** under code 52.

Intramuscular or Subcutaneous Injections	3	6.50	3.25	3.25
Intravenous Injections	4	13.00	6.50	6.50
Stall Fee (calves - per 24 hr.)	10	33.40	16.70	16.70
Stall Fee (older animals -per day)	11	50.80	25.40	25.40
Oral Drug Administration	5	36.10	18.05	18.05
Subconjunctival injection	7	13.00	6.50	6.50

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	148.30	74.15	74.15
X-ray (subsequent views - each)	21	30.80	15.40	15.40
X-ray – Digital Equipment Surcharge	8	41.50	20.75	20.75

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	Maximum Fee	50% VSI fee	50% CLIENT fee
Abscesses	28	190.90	95.45	95.45
Claw Amputation	17	273.60	136.80	136.80
Epididymectomy	20	293.50	146.75	146.75
Eye Enucleation	16	408.40	204.20	204.20
LDA (Left Displaced Abomasum)	22	475.20	237.60	237.60
Omphalitis – Intra-abdominal debridement	35	285.40	142.70	142.70

Note: For superficial procedures with minimal debridement use code 28

RDA (Right Displaced Abomasum)	23	530.30	265.15	265.15
Rumen Fistula	24	192.00	96.00	96.00
Sole Abscess	29	147.30	73.65	73.65
Torsion (abomasal or intestinal – calves < 200#)	14	302.10	151.05	151.05
Umbilical Hernia (eviscerated in newborn calve)	18	302.10	151.05	151.05
Urethrostomy	15	238.40	119.20	119.20
Vasectomy	19	322.10	161.05	161.05

V.S.I. SERVICES (1980) Ltd
SCHEDULE "A" 50/50 Effective January 2020

C. Flat Rate Obstetrical and Reproductive Services

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

SERVICE	VSI Code	Maximum Fee	50% VSI fee	50% CLIENT fee
Caesarean Section	41	544.80	272.40	272.40
Dystocia	31	247.10	123.55	123.55
Embryotomy (1 or 2 cuts)	44	369.10	184.55	184.55
Embryotomy (3 or more cuts)	45	435.90	217.95	217.95

Note: Code #1 (epidural) can be added, as appropriate, with codes 31, 44, 45 & 52.

Scrotal Circumference Measurement	65	25.40	12.70	12.70
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Note: This fee **only** applies for **bulls eliminated** from further breeding soundness evaluations.

Semen Test (1 st bull)	60	109.00	54.50	54.50
Semen Test (2 nd to 10 th bull)	61	77.10	38.55	38.55 each
Semen Test (11 th to 51 st bull)	62	70.30	35.15	35.15 each
Semen Test (51 st bull plus)	63	63.60	31.80	31.80 each

Pregnancy Testing (per head)	6	5.60	2.80	2.80 each
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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	128.40	64.20	64.20
-Uterine	71	243.80	121.90	121.90
-Vaginal	81	166.70	83.35	83.35
-Vaginal & Rectal	84	192.00	96.00	96.00
Uterine Torsion (manual correction)	46	269.20	134.60	134.60

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	Maximum Fee	50% VSI fee	50% CLIENT fee
Surgery (major)	12A	96.00	48.00	48.00
Non Surgical Professional time	12B	57.80	28.90	28.90
Surgery (minor)	13A	64.80	32.40	32.40
Non Surgical Professional time	13B	57.80	28.90	28.90

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	57.80	28.90	28.90
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Note: This fee is used:

- For **herd** health visitations and/or **problems** (max. 2 units for set-up Veterinary-client-Patient Relation)
- In place of codes 50, 51, 52 & 55 **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**.

V.S.I. SERVICES (1980) Ltd
SCHEDULE "A" 50/50 Effective January 2020

E. Flat Rate Non-Surgical Professional Services

SERVICE	VSI Code	Maximum fee	50% VSI fee	50% CLIENT fee
Cast Application (closed reduction)	26	134.90	67.45	67.45
Cast Removal	27	63.60	31.80	31.80
Examination	50	109.00	54.50	54.50
Examination (2 nd animal)	51	74.40	37.20	37.20
Examination (re-visit)	52	74.40	37.20	37.20
Next 24 hr IV hook-up + monitor (NEW)	53	74.40	37.20	37.20
I.V. Hook - up (1 st & 2 nd no monitor)	55	121.90	60.95	60.95

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	190.90	95.45	95.45
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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 53 should be used to cover professional services in subsequent 24 hour periods.

Services normally covered by codes 50, 51, 52 & 55 will be claimed under code 25 when more than two (2) claims are made using any combination of codes 50, 51, 52 & 55

Services normally covered under 50, in combination with flat fee(s) of equal or greater value, automatically become code 51 - second animal

Postmortem - Brain Removal	99	72.30	36.15	36.15
Postmortem - 300 pounds or less	90	114.40	57.20	57.20
Postmortem - 300 to 800 pounds	91	123.10	61.55	61.55
Postmortem - over 800 pounds	92	185.20	92.60	92.60

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

Technovit Block - Application of	30	95.50	47.75	47.75
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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	Maximum Fee	50% VSI fee	50% CLIENT fee
Examination	50	109.00	54.50	54.50
Examination (2 nd animal)	51	74.40	37.20	37.20
Examination (re-visit)	52	74.40	37.20	37.20

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

Postmortem - 20 pounds or less	93	77.10	38.55	38.55
Postmortem - 20 to 100 pounds	94	82.50	41.25	41.25
Postmortem - over 100 pounds	95	100.80	50.40	50.40

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

V.S.I. SERVICES (1980) Ltd
SCHEDULE "A" 50/50 Effective January 2020

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 of 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	Maximum Fee	50% VSI fee	50% CLIENT fee
Caesarean	43	345.70	172.85	172.85
Dystocia	33	153.80	76.90	76.90
Examination	50	109.00	54.50	54.50
Examination (2 nd animal)	51	74.40	37.20	37.20
Examination (re-visit)	52	74.40	37.20	37.20

Note: Codes 3, 4 & 5 can be claimed with codes 26, 27, 50, 51 & 52, as appropriate.

Semen Test (1 st animal)	66	92.30	46.15	46.15
Semen Test (subsequent animals)	67	70.10	35.05	35.05
Postmortem - 20 pounds or less	96	77.10	38.55	38.55
Postmortem - 20 to 100 pounds	97	82.50	41.25	41.25
Postmortem - over 100 pounds	98	100.80	50.40	50.40

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

Prolapse - Rectal	76	109.00	54.50	54.50
Prolapse - Uterine	73	159.10	79.55	79.55
Prolapse - Vaginal	83	109.00	54.50	54.50

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

SCHEDULE "B"

Annexed to and forming a part of the agreement dated **effective January 1, 2020**

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
- aa) Exams for non-conventional treatments and those treatments. (Examples: adjustments, acupuncture etc)
- ab) **VCPR consultations for a period longer than 2 units of code #25**

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.

This agreement made effective January 1, 2012 between:

V.S.I. SERVICES (1980) LTD.
a body corporate under the laws of the Province of Alberta
(hereinafter called V.S.I.)

-and-

MUNICIPAL DISTRICT OF GREENVIEW #16

of the Province of Alberta, representing the district ratepayers
(hereinafter called the "Jurisdiction").

Whereas:

- A. V.S.I. is a non-profit organization created to assist Approved Producers of participating Jurisdictions to acquire professional veterinary services;
- B. The Jurisdiction has requested V.S.I. to arrange for certain veterinary services to Approved Producers of the Municipal Jurisdiction; and
- C. V.S.I. has entered into agreements with one or more Veterinarians for the provision of certain veterinary services to Approved Producers of the Jurisdiction from January 1 to December 31, 2012 and V.S.I. has agreed to pay a portion of the fees for those services in accordance with the funds received from the Jurisdiction;

Now therefore this agreement witness that in consideration of the premises and of the covenants of the parties herein contained, it is agreed as follows:

1. In this agreement

- (i) "Approved Producer" normally means a resident of the Jurisdiction determined from time to time to be eligible to receive veterinary services pursuant to the V.S.I. Program.
- (ii) "Jurisdiction" means that geographic area in the Province of Alberta commonly known of as the MD of Greenview #16.
- (iii) "Schedule A", attached to the V.S.I. contract accepted by the MD of Greenview #16 defines the services covered and tariff of fees for these services for the current year.
- (iv) "Veterinarian" means a Doctor of Veterinary Medicine, licensed to practice, in the Province of Alberta, by the Alberta Veterinary Medical Association.
- (v) "V.S.I. Program" means the periodic payment of the Jurisdiction's portion of fees for veterinary services listed in Schedule A of the V.S.I. contract.
- (vi) "V.S.I." means V.S.I. Services (1980) Ltd. and its successors and assigns.

...2

2. Subject to the terms of this agreement, V.S.I. agrees to pay FIFTY (50%) percent of the fees of the Veterinarian for the performance of those services set forth in Schedule A for the MD of Greenview #16 annexed hereto and forming a part of this agreement. Payment of the Jurisdiction's share of these veterinary services, on behalf of an Approved Producer, shall constitute the V.S.I. Program.
3. V.S.I. will only pay 50% of the fees of the Veterinarians whose fees shall be rendered in accordance with Schedule A provided however that V.S.I. will not pay:
 - (i) any fee or charge for any service not specifically set forth in Schedule A;
 - (ii) any fee or charge in excess of 50% of the fee or charge prescribed by V.S.I. in Schedule A;
 - (iii) for any service specifically listed in Schedule B attached;
 - (iv) for any veterinary service for animal species raised, or grown, for the production of food for human consumption other than those specifically identified in Schedule A;
 - (v) for the travelling charges of a Veterinarian; and
 - (vi) for any additional fee, or charge, rendered for the provision of veterinary services performed at any time other than the normal office hours of the Veterinarian.
4. The Jurisdiction acknowledges that to implement and maintain the V.S.I. Program, V.S.I. will enter into contracts with one or more Veterinarians, which will require V.S.I. to pay a portion of the fee of those Veterinarians in accordance with Schedule A. The Jurisdiction agrees to provide V.S.I. with the funds necessary to implement, administer and carry out the V.S.I. Program until this agreement is terminated. The Jurisdiction agrees to advance the sum of **FIFTY TWO THOUSAND AND FIVE HUNDRED DOLLARS (\$52,500.00)** to establish the V.S.I. Program in the MD of Greenview #16 for the period January 1 to December 31, 2012.
5. The parties acknowledge and agree that the funds of the Jurisdiction shall only be used for implementing administering and carrying out the V.S.I. Program for the MD of Greenview #16. The Jurisdiction further acknowledges and agrees that neither V.S.I. nor any of its members, directors, officers, or employees, are trustees of the funds of the Jurisdiction and that V.S.I. is not under any duty or liability to provide veterinary services to the full extent of the funds provided by the Jurisdiction.

...3

6. The parties to this agreement acknowledge and agree that any unexpended funds paid by the Jurisdiction, to V.S.I. shall be carried forward to cover expenses in the next year should the Jurisdiction decide to extend this contract.
7. V.S.I. shall periodically provide the Jurisdiction with statements indicating the cost and expenses of the V.S.I. Program in the Jurisdiction.
8. Within a reasonable time following the execution of this agreement, the Jurisdiction shall provide V.S.I. and Veterinarians, working within the Jurisdiction, with a list of the eligible ratepayers. The Jurisdiction may amend this list from time to time but all such amendments will be effective only after the amended list has been provided to V.S.I. and to the Veterinarians providing services in the Jurisdiction.
9. Immediately upon approval by V.S.I. the Jurisdiction shall deliver a schedule of fees to the Approved Producers detailing the services available under the terms of the V.S.I. Program and explaining the obligation of the ratepayer to pay the balance of the fees charged by the Veterinarian and not payable by V.S.I.
10. The Jurisdiction acknowledges that nothing in this agreement shall be deemed to enlarge upon the duties and liabilities of the practicing Veterinarian; who shall at all times and in all circumstances be entitled to decline to provide veterinary service to any ratepayer in accordance with the standards prevailing for the practice of veterinary medicine in the Province of Alberta.
11. Nothing contained in this agreement or in any agreements between V.S.I. and the Veterinarian shall be interpreted or construed in any way to limit the normal professional liability of any Veterinarian.
12. Any report, notice, statement, or other document shall be delivered to:

V.S.I. Services (1980) Ltd.
Box 202
Fairview, AB T0H 1L0

and

Municipal District of Greenview #16
Box 1079
Valleyview, AB T0H 3N0


...4

13. This agreement shall come into effect on January 1, 2012
14. This agreement may be amended by the mutual consent of the parties in writing.
15. This agreement and the V.S.I. Program shall terminate:
 - (a) if V.S.I. is unable to enter into and maintain an agreement with a Veterinarian(s) contemplated in the premises to this agreement; or
 - (b) upon 10 days notice by either party to the other party; or
 - (c) on December 31 2012
16. Notwithstanding the termination of this agreement pursuant to clause 14, the parties shall be liable to each other for the settlement of accounts as between them to the date of the termination of the agreement.
17. Where this agreement is terminated and accounts are settled in accordance with this agreement any unexpended funds, contributed by the Jurisdiction shall be returned to the Jurisdiction.
18. The parties agree to observe and perform all terms, covenants, conditions and provisions of this agreement.

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

Per 

Signed, sealed and delivered
in the presence of:


Witness


MD of Greenview #16

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

SCHEDULE "A" 50/50 – Effective January 1 2012

This schedule covers the Counties of BIRCH HILLS, MACKENZE, NORTHERN LIGHTS, NORTHERN SUNRISE, SADDLE HILLS and WOODLANDS and the MDs of BIG LAKES #125, GREENVIEW #16, PEACE #135, and SMOKY RIVER #130.

Until this Tariff is amended and subject to the terms and conditions of the year 2012 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**. Fully inclusive means the fee includes local anaesthetic procedures (including the drugs), surgical packs and all drug administration procedures. Oxytocin and/or uterine boluses are also included for obstetrical procedures & prolapses.

CATTLE

A. Ancillary (add-on) Services

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Epidural	1	14.50	14.50
Intramuscular or Subcutaneous Injections	3	2.65	2.65
Intravenous Injections	4	5.25	5.25
Stall Fee (calves - per day)	10	13.00	13.00
Stall Fee (older animals)	11	21.25	21.25
Oral Drug Administration	5	15.00	15.00
Subconjunctival injection	7	5.25	5.25
X-ray (2 views)	2	61.25	61.25
X-ray (subsequent views - each)	21	13.00	13.00

Note: Epidurals can only be claimed in conjunction with dystocias (code 31), embryotomies (code 44) & revisits of prolapse cases under code 52. Epidurals are included in other surgery codes including hourly rated codes (12 & 13).

Claims for I.M., I.V., & subconjunctival injections and oral drug administration (codes 3, 4, 5 & 7) can only be levied in conjunction with codes 26, 50, 51, or 52.

B. Flat Rate Inclusive Surgical Procedures

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Claw Amputation	17	112.75	112.75
Epididymectomy	20	120.75	120.75
Eye Enucleation	16	169.00	169.00
LDA (Left Displaced Abomasum)	22	196.00	196.00
RDA (Right Displaced Abomasum)	23	219.00	219.00
Rumen Fistula	24	79.00	79.00
Sole Abscess	29	60.75	60.75
Urethrostomy	15	98.25	98.25
Vasectomy	19	132.50	132.50

**SCHEDULE "A" – Effective January 1 2012 for: Birch Hills,
Mackenzie, Northern Lights, Northern Sunrise, Saddle Hills and
Woodlands Counties and the MDs of Big Lakes, Greenview, Peace,
and Smoky River**

E. Flat Rate Non-Surgical Professional Services

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Cast Application (closed reduction)	26	56.25	56.25
Cast Removal	27	26.50	26.50
Examination (1 st animal)	50	44.75	44.75
Examination (2 nd & 3 rd an.)	51	29.00	29.00
Examination (re-visit)	52	31.75	31.75
Note: Add codes 3 (I.M.), 4 (I.V.), 5 (oral drug admin.) & 7 (subconjunctival injections) as appropriate to codes 26, 50, 51 & 52.			
I.V. Hook - up (1 st & 2 nd no monitor)	55	44.75	44.75 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	79.00	79.00
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 for professional services in subsequent 24 hour periods.			
Postmortem - Brain Removal	99	30.25	30.25
Postmortem - 300 pounds or less	90	47.25	47.25
Postmortem - 300 to 800 pounds	91	51.50	51.50
Postmortem - over 800 pounds	92	77.00	77.00
Technovit Block - Application of	30	39.50	39.50
Note: Materials are included in this service.			

PIGS**All Services**

Note: Pig services will be billed by the hour under codes 12, 13, or 25, as appropriate, with the exception of the following:

SERVICE	VSI Code	50% VSI fee	50% CLIENT fee
Examination (1 st animal)	50	44.75	44.75
Examination (2 nd & 3 rd an.)	51	29.00	29.00
Examination (re-visit)	52	31.75	31.75
Note: Codes 3 & 4 can be used in addition to codes 50, 51 & 52, for I.M. & I.V. injections as appropriate.			
Postmortem - 20 pounds or less	93	31.75	31.75
Postmortem - 20 to 100 pounds	94	33.75	33.75
Postmortem - over 100 pounds	95	42.00	42.00

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

SCHEDULE "B"

Annexed to and forming a part of the agreement dated effective January 1, 2012

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
- j) cryptorchids of swine
- 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) all clinic charges (labor, disinfection, utilities, etc.)
- u) waiting time
- v) after hours or holiday fees
- w) mileage

Hospitalization for any service not specifically listed in Schedule "A".

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.

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

**M.D. of Greenview Agricultural Services
Department Activity Report**

For the Period: March 2020 – April 2020

**ENQUIRIES – Manager, Asst. Manager, Administrative Assistant and Ag. Supervisor
Trainee, Beautification Coordinator**

Weeds	2
Pests	13
Trees	6
Workshops	10
Wetlands	0
Rentals	16
Equipment Purchasing	6
Extension	4
Employment	3
VSI	12
Beautification	0
Miscellaneous	71
TOTAL ENQUIRIES	143

MEETINGS / CONFERENCES / TRAINING

Manager Agriculture Services

Asst. Manager Agriculture Services

- April 3, 2020 – Meeting with Community Service General Manager
- April 8, 2020 – To Grovedale to deliver load trucks for Operations, brought back PWO truck and GD panel trailer
- April 9, 2020 - Meeting with Community Service General Manager
- April 14, 2020 – To Grande Cache for temporary position switch. Jessica on leave and James first day to cover position
- April 16, 2020 – To Grovedale to deliver magpie trap and bring back gator side by side
- April 23, 2020 – Admin interview
- April 23, 2020 - Meeting with Community Service General Manager
- April 24, 2020 – Deliver tractor to Grande Cache

Agriculture Supervisor Trainee Agriculture Services

- March 30, 2020 – EFP Review Training – Online
- April 8, 2020 – ASB Program Updates/Check-in – Online
- April 9, 2020 – PRAAAF Meeting – Online
- April 9, 2020 – MuniSight Update – Phone
- April 15, 2020 – Resource Management Stream Meeting – Online
- April 17, 2020 – Meeting with Dough Macaulay for ASB Grant Application – Phone
- April 22, 2020 – ASB Program Updates/Check-In – Online

- April 22, 2020 – Meet with Melanie Mezo regarding safety training
- April 28, 2020 – Deadstock Disposal and Predation Management Webinar

GC Beautification Coordinator Agriculture Services

- April 14, 2020 – Hand Over Training
- April 15, 2020 – Pressure Washer Training
- April 16 – 20, 2020 – Moved to old fire hall

Wetlands Coordinator Agriculture Services

STAFFING

Jessica McCormick (Beautification Coordinator) on leave, James Neal filling in. Yardman (Stephen Friesen) started April 14, 2020.

Re-assigned recreation staff; Valleyview: Brendan Breas and Jennekah Olsen (started March 30, 2020) and Grande Cache: Robert McNeil (started March 30, 2020), Kelly Neufeld and Gregory Barnes (started April 6, 2020)

Due to COVID-19, seasonal staff have a new start date of June 1, 2020.

RESOURCES, EQUIPMENT, AND FACILITIES

The Agriculture Department started the move to the new building in mid-December, we are approximately 60% moved. There are still two sheds, the chem shed to be moved. Vehicles and some of the rental equipment has been moved over to the yard site.

BUDGET

EXTENSION EVENTS

Currently planning a number of events for 2020 and will keep the ASB updated as dates and locations are finalized.

- Canning and Food Preparation, Valleyview – September 6, 2020
- Canning and Food Preparation, Grande Cache – September 9, 2020

SARDA and PCBFA have been conducting a number of Extension events in partnership with Ag Services and Ag Services has been posting the information to our web page, Facebook, and Twitter accounts.

Please see following list of events (year):

PROGRAMS

➤ **VETERINARY SERVICES INCORPORATED**

Five (5) new card has been issued.

PEST AND NUISANCE CONTROL

To date, 61 wolves have been presented for payment. Total 2020 incentive expenditures: \$18,300.00

YEAR	WOLVES	AMOUNT
2019	56	\$16,800.00
2020	61	\$18,300.00
Total	117	\$35,100.00

WOLF PREDATION MANAGEMENT PROGRAM

There has been 0 new requests for assistance with verified wolf predation. There has been zero wolves removed.

Problem Wildlife Officer has been requested to come out 0 times and visit some farm/ranch operations, and has provided advice and information to the ratepayers. Have also had discussions with another 0 individual regarding wolves.

COYOTE PREDATION MANAGEMENT PROGRAM

There has been 0 new requests for assistance with verified coyote predation. There has been 0 coyotes removed, and (0) compound 1080 tablets were issued as per the Form 7.

Problem Wildlife Officer has been requested to come out 0 times and visit some farm/ranch operations, and has provided advice and information to the ratepayers. Have also had discussions with another 0 individual regarding coyotes.

OTHER PREDATORS MANAGEMENT PROGRAM

There have been 0 new requests for assistance with other predator problems (bears). There has been 0 pests removed. Have also had discussions with another 0 individual regarding bears.

OTHER PREDATORS MANAGEMENT PROGRAM

There have been 0 new requests for assistance with other predator problems (cougars). There has been 0 pests removed. Have also had discussions with another 0 individuals regarding cougars.

OTHER PROBLEM WILDLIFE MANAGEMENT PROGRAM

There have been 0 new requests for assistance with other problem wildlife species problems (Skunks). There has been 0 pests removed and 0 traps rented. Have also had discussions with another 0 individuals regarding skunks.

There have been 0 new requests for assistance with other problem wildlife species problems (Ravens). There has been 0 pests removed.

There have been 0 new requests for assistance with other problem wildlife species problems (Magpies). There has been 0 pests removed. Traps are available for sale.

INFRASTRUCTURE PROTECTION AND AGRICULTURE FLOODING PREVENTION PROGRAM

There has been 0 new requests (0 rate payers, 0 infrastructure) for assistance with beaver caused flooding issues (infrastructure) including multiple days to open up culverts and remove dams. There has been 0 locations that have had the use of explosives to open up dams. There has been 0 beavers removed to date.

WILD BOAR BOUNTY

There have been 0 sets of Wild Boar ears turned in. Total 2020 incentive expenditures \$0.00.

Education Opportunities

➤ RENTAL EQUIPMENT

Yardman (Stephen) returned April 14, 2020 and preparing for the 2020 season. Rentals is moderately busy at this time of year dependent on the weather, there have been 36 pieces of Equipment rented for 2020.

➤ VEGETATION MANAGEMENT

ROADSIDE VEGETATION MANAGEMENT

The program has sprayed approximately 0 Km (0%) of Greenview roads for 2020. The areas to be sprayed this year are Wards 1, 2, 6 and 7.

The program has sprayed approximately 0 Km of shoulder on Greenview roads for grass control, in a cooperative venture with the Operations Department.

SPOT SPRAYING / ATV / UTV/TRACTOR

The program has sprayed approximately 0 Ha requiring approximately 0 hours of spray time (includes: landfill, transfer station sites, private land spraying, fence line program, Grande Cache Coops/Enterprises. Etc.) for 2020.

BRUSH SPRAYING

The program has sprayed approximately 0 Ha of brush for 2020. Have received new maps from Operations and will continue spraying brush.

HAMLET SPRAYING

The program has sprayed approximately 0 Ha of Parks/Alleyways/Open Spaces for 2020.

PESTICIDE CONTAINER STORAGE

Containers continue to be collected. The recycled jugs were shredded on August 13, 2019, which is quite early for the year.

FENCELINE AND PRIVATE LAND SPRAY PROGRAMS

0 agreements have been signed to date for 2020.

SPRAY EXEMPTION AGREEMENTS

59 agreements have been received so far Deadline of April 24, 2020. Letters and agreements have been mailed out for renewal to individuals who had a 2019 Spray Exemption Agreement.

BUTTERCUP/BURDOCK INCENTIVE PROGRAM

0 agreements have been signed to date for 2020.

WEED CONTROL

White Zone

#	Re-Inspections	Weeds Present	Personal Contact	Phone Calls	Weed Alerts	Weed Warnings	Notices	Enforce

Greenzone

#	Re-Inspections	Weeds Present	Personal Contact	Phone Calls	Weed Alerts	Weed Warnings	Notices	Enforce

Hamlets

#	Re-Inspections	Weeds Present	Personal Contact	Phone Calls	Weed Alerts	Weed Warnings	Notices	Enforce

Weed/Pest inspection program is being reviewed and enhancements to the implementation of the program are being considered.

AG Mobile – Inspection documentation program is still being worked on by Munisight, an update to be made available third week of April and training sessions will be utilized.

➤ AGRICULTURAL PESTS

Greenview will continue to conduct enhanced monitoring for Clubroot, now that it has been confirmed within the municipal boundaries. An electronic map for 2017 and 2018 and 2019 has been created showing the affected parcels. Additionally 50 comprehensive samples were sent to the lab for testing to confirm the severity of the infestations. All the samples were also sent to Dr. Strelkov's laboratory to determine the pathotype of the club root galls and we are waiting on results from the 2019 season.

Pathotype results:

Year	# Positive Samples	Pathotype
2017	5	3H
2018	2	3H
2019	17	Awaiting Results

# Inspected for 2020	Suspect	Confirmed	Letter to Adjacent Landowners	Phone Calls

SEED CLEANING PLANT

- No change

GC BEAUTIFICATION PROGRAM

- Flowers/Trees
 - Flowers have been ordered
- Mowing
- Vegetation Control
- Miscellaneous
 - Garbage clean up and turf repair in hamlet
- Christmas Decorations for Hamlet Area
 - Completion of decoration dismantle was April 15, 2020
- Snow Removal

WETLANDS/ALUS/WATERSHEDS

V.S.I. SERVICES (1980) LTD

A nonprofit organization providing veterinary care in Alberta

BOX137

FAIRVIEW AB T0H 1L0

PH 780 835 5440

vsiservices16@gmail.com

Mrs. Denise Thompson, CAO, MD of Greenview #16
Box 1079, Valleyview, AB T0H 3N0

February 1, 2020

Dear Denise,
Enclosed is your 2020 VSI requisition of \$119,000.

Total VSI administrative costs, for 2019, including G.S.T. (\$15,948) were approximately \$55,218. Your jurisdiction accounted for 879 (14.4%) of the 6099 claim lines processed thus your share of gross administrative costs (= total administrative cost minus claim related GST) was deemed to be \$5,791.

Investment income was approximately \$4,878. Total cost of your claims, as per your fourth quarter report, sent to Quentin.Bochar@mdgreenview.ab.ca and jacki.crocker@mdgreenview.ab.ca was \$96,605. This was 16.1% of total claims expenditures of \$601,414. Your share of the interest was deemed to be \$784.

The 2019 VSI fee schedule was increased 2.8% with a 10% contingency added. As a result, your **2020 requisition is equal to your 2019 claims plus an 12.8% increase plus your estimated net administrative costs for 2019**. The total was rounded to the nearest \$500. (Net administrative costs = total administrative costs minus investment income rounded to the nearest \$100.)

Following is an estimate of your current VSI balance after adding 2019 administrative costs and investment income:

	Claims	Payments	Balance
Jan. 1, 2019			\$ 18,629
Payments in 2019		\$ 94,300	\$ 112,929
2019 Claims	\$ 96,605		\$ 16,324
2.5 % GST 2019 Claims	\$ 2,415		\$ 13,909
Share of 2019 Expenses	\$ 5,791		\$ 8,118
Share of 2019 Interest		\$ 784	\$ 8,901

The amount in your **contract** was **based on the actual cost** of claims for **Oct 1, 2018 to Sept 30, 2019 plus an estimate of net administrative costs**. The **amount of your requisition is based on the actual cost of claims for 2019 plus an estimate of net administrative costs** (rounded to the nearest \$100). This explains the difference between your requisition of \$119,000 and the \$118,500 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 Quentin Bochar, Jacki Crocker

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BOX137

FAIRVIEW AB T0H 1L0

PH 780 835 5440

vsiservices16@gmail.com

February 1, 2020

Municipal District of Greenview #16

Box 1079

Valleyview, AB T0H 3N0

INVOICE

2020 VSI Requisition	\$ 119,000.00
Less Surplus Dec. 31, 2019	8,900.00
Balance Owing	110,100.00

Note: The VSI Board of Directors approved a 2.8%, cost of living allowance, increase in fees for 2020. They also recommended that the 2020 requisition should include a 10% contingency to help reduce the times that participating jurisdictions have to deal with additional requests for funds after their budgets have been finalized.

As a result of these two decisions your 2020 requisition is 12.8% higher than your total claims for 2019 plus an amount for net administrative costs based on what these costs were for 2019. Your requisition has been rounded to the nearest \$500.00 and your equity balance has been rounded to the nearest \$100.

Although this requisition is not due until March 31st it would be very helpful if payment could be received by the end of February.

Thank you,

Yours sincerely

Rik Vandekerkhove, Manager

cc Quenton Bochar
 Jacki Crocker

Municipal District of Greenview #16			
2019	First Quarter		2018
Total Claims in First Quarter:	109	\$23,466.52	\$20,601.95
Current Claims		\$23,466.52	13.90%

date 2019	number	name	#claims	id#	amount	vet
2019-03-12	16-679	Crichton, H.	82	6	\$221.40	Carter
2019-03-25	16-407	Morrison, G.	1	71	\$118.60	Carter
2018-12-01	16-961	Murray, L.	1	50	\$51.30	Emmanuel
2019-03-23	16-396	Vandemark, E. & A.	1	31	\$120.20	Emmanuel
2019-03-23	16-396	Vandemark, E. & A.	1	9	\$22.55	Emmanuel
2019-03-23	16-396	Vandemark, E. & A.	1	1	\$17.40	Emmanuel
2019-03-25	16-961	Murray, L.	1	26	\$65.60	Gray-Mitchell
2019-03-25	16-961	Murray, L.	1	9	\$22.55	Gray-Mitchell
2019-03-25	16-961	Murray, L.	1	51	\$36.20	Gray-Mitchell
2019-03-26	16-474	Strid, S.	1	60	\$53.00	Haas
2019-03-26	16-474	Strid, S.	1	61	\$37.50	Haas
2019-03-26	16-474	Strid, S.	1	9	\$22.55	Haas
2019-02-16	16-910	Bulford, S.	1	50	\$53.00	Wagenaar
2019-02-16	16-910	Bulford, S.	1	9	\$22.55	Wagenaar
2019-03-09	16-407	Morrison, G.	1	71	\$118.60	Wagenaar
2019-03-15	16-474	Strid, S.	1	44	\$179.50	Wagenaar
2019-03-15	16-474	Strid, S.	1	9	\$22.55	Wagenaar
2019-01-22	16-887	Codan Livestock	1	50	\$37.50	Lowe
2019-01-22	16-708	Blacksmith Ranch Ltd & Smith, B & Heac	30	6	\$75.90	Lowe
2019-01-22	16-708	Blacksmith Ranch Ltd & Smith, B & Heac	1	13A	\$60.00	Lowe
2019-01-23	16-1015	Smith, B.	4	6	\$10.12	Lowe
2019-01-28	16-959	Trarback, R. & L.	1	50	\$52.00	Lowe
2019-01-28	16-959	Trarback, R. & L.	1	5	\$17.55	Lowe
2019-02-11	16-887	Codan Livestock	1	50	\$52.00	Lowe
2019-03-01	16-887	Codan Livestock	1	31	\$116.00	Lowe
2019-03-01	16-887	Codan Livestock	1	1	\$17.00	Lowe
2019-03-16	16-878	Patterson, D. & K.	1	41	\$255.00	Lowe
12/31/2018	16-928	Vetsch, M.	1	50	\$50.50	Pozniak
12/31/2018	16-928	Vetsch, M.	1	9	\$21.50	Pozniak
2019-01-02	16-815	Klassen, D. & P.	98	6	\$264.60	Pozniak
2019-01-03	16-285	Moovers INC & Calliau, R. & F.	138	6	\$372.60	Pozniak
2019-01-04	16-290	Hollingworth Farms (Richard)	310	6	\$837.00	Pozniak
2019-01-05	16-921	Brochu, R. & M.	266	6	\$718.20	Pozniak
2019-01-08	16-963	Retzler, F. & G.	1	9	\$22.55	Pozniak
2019-01-08	16-963	Retzler, F. & G.	4	6	\$10.80	Pozniak
2019-01-11	16-290	Hollingworth Farms (Richard)	429	6	\$1,158.30	Pozniak
2019-01-14	16-487	Perron, K.	147	6	\$396.90	Pozniak
2019-01-14	16-988	JD Pastures Inc & Swain, D. & J.	1		\$53.00	Pozniak
2019-01-14	16-988	JD Pastures Inc & Swain, D. & J.	1		\$22.55	Pozniak
2019-01-25	16-560	Simonette Livestock Ventures & Penner, V.	156	6	\$421.20	Pozniak
2019-01-29	16-726	Steamboat Mountain Ranch	1	16	\$198.65	Pozniak
2019-01-29	16-726	Steamboat Mountain Ranch	1	9	\$22.55	Pozniak
2019-01-31	16-946	Cymbaluk, G.	1	60	\$53.00	Pozniak
2019-01-31	16-946	Cymbaluk, G.	1	9	\$22.55	Pozniak

Semen Tests			
#claims	id#	amount	
20	60	\$1,060.00	
94	61	\$3,637.50	
75	62	\$2,565.00	
4	65	\$49.40	
		\$7,311.90	

Pregnancy tests			
#claims	id#	amount	
2274	6	\$6,134.02	

Calvings			
#claims	id#	amount	
7	31	\$837.20	
10	41	\$2,640.00	
2	44	\$359.00	
		\$3,836.20	

2019-02-04	16-698	Klassen, C. & V.	1	41	\$265.00 Pozniak
2019-02-04	16-698	Klassen, C. & V.	1	9	\$22.55 Pozniak
2019-02-04	16-475	Vetsch Farms & Vetsch, S. & L.	1	50	\$53.00 Pozniak
2019-02-04	16-475	Vetsch Farms & Vetsch, S. & L.	1	3	\$3.15 Pozniak
2019-02-04	16-475	Vetsch Farms & Vetsch, S. & L.	1	9	\$22.55 Pozniak
2019-02-06	16-286	Nadkrynechny, K.	0	50	\$0.00 Pozniak
2019-02-06	16-286	Nadkrynechny, K.	0	3	\$0.00 Pozniak
2019-02-06	16-286	Nadkrynechny, K.	0	4	\$0.00 Pozniak
2019-02-06	16-954	Willowdale Simmentals	1	26	\$65.60 Pozniak
2019-02-11	16-273	Willowdale Simmentals	1	3	\$3.15 Pozniak
2019-02-11	16-273	HBCR Valley Farming Co. Ltd	1	41	\$265.00 Pozniak
2019-02-11	16-273	HBCR Valley Farming Co. Ltd	1	9	\$22.55 Pozniak
2019-02-19	16-273	HBCR Valley Farming Co. Ltd	1	41	\$265.00 Pozniak
2019-02-19	16-273	HBCR Valley Farming Co. Ltd	1	9	\$22.55 Pozniak
2019-02-13	16-055	Airbro Farms	1	9	\$22.55 Pozniak
2019-02-13	16-055	Airbro Farms	1	26	\$65.60 Pozniak
2019-02-13	16-055	Airbro Farms	1	3	\$3.15 Pozniak
2019-02-13	16-055	Airbro Farms	1	3	\$3.15 Pozniak
2019-02-14	16-246	Harrington, S.	1	41	\$265.00 Pozniak
2019-02-18	16-246	Harrington, S.	1	41	\$265.00 Pozniak
2019-02-15	16-055	Airbro Farms	1	26	\$65.60 Pozniak
2019-02-15	16-055	Airbro Farms	1	3	\$3.15 Pozniak
2019-02-19	16-948	Warkentin Bros & Warkentin, D.	200	6	\$540.00 Pozniak
2019-02-26	16-878	Patterson, D. & K.	1	50	\$53.00 Pozniak
2019-02-26	16-878	Patterson, D. & K.	1	3	\$3.15 Pozniak
2019-02-26	16-878	Patterson, D. & K.	1	9	\$22.55 Pozniak
2019-02-26	16-878	Patterson, D. & K.	1	4	\$6.30 Pozniak
2019-02-27	16-1001	Braun, D. & L.	1	60	\$53.00 Pozniak
2019-02-27	16-1001	Braun, D. & L.	1	9	\$22.05 Pozniak
2019-02-27	16-475	Vetsch Farms & Vetsch, S. & L.	1	50	\$53.00 Pozniak
2019-02-28	16-840	Wolf Farms & Wolf, T.	1	60	\$53.00 Pozniak
2019-02-28	16-840	Wolf Farms & Wolf, T.	4	61	\$150.00 Pozniak
2019-02-28	16-840	Wolf Farms & Wolf, T.	1	65	\$12.35 Pozniak
2019-02-28	16-840	Wolf Farms & Wolf, T.	4	6	\$10.80 Pozniak
2019-03-01	16-281	Valleyview Ranch Colony	1	13B	\$56.20 Pozniak
2019-03-01	16-281	Valleyview Ranch Colony	1	9	\$22.55 Pozniak
2019-03-01	16-055	Airbro Farms	1	12	\$186.80 Pozniak
2019-03-01	16-055	Airbro Farms	1	9	\$22.55 Pozniak
2019-03-01	16-055	Airbro Farms	0	0	\$0.00 Pozniak
2019-03-04	16-560	Simonette Livestock Ventures & Penner, V.	1	50	\$53.00 Pozniak
2019-03-04	16-560	Simonette Livestock Ventures & Penner, V.	1	4	\$6.30 Pozniak
2019-03-04	16-560	Simonette Livestock Ventures & Penner, V.	1	3	\$3.15 Pozniak
2019-03-05	16-969	Werklund, K. & J.	1	15	\$115.95 Pozniak
2019-03-05	16-969	Werklund, K. & J.	1	9	\$22.55 Pozniak
2019-03-06	16-984	Gordon, J. & C.	1	50	\$53.00 Pozniak
2019-03-06	16-984	Gordon, J. & C.	1	3	\$3.15 Pozniak
2019-03-06	16-984	Gordon, J. & C.	1	9	\$22.55 Pozniak
2019-03-06	16-878	Patterson, D. & K.	3	56	\$278.55 Pozniak
2019-03-06	16-878	Patterson, D. & K.	4	10	\$65.00 Pozniak
2019-03-08	16-020	Loewen, T. & J.	1	56	\$92.85 Pozniak
2019-03-08	16-020	Loewen, T. & J.	1	10	\$16.25 Pozniak
2019-03-09	16-758	Klassen, M. & M.	1	41	\$265.00 Pozniak
2019-03-09	16-758	Klassen, M. & M.	1	9	\$22.55 Pozniak
2019-03-10	16-990	Bar AC Ranch & Selinger, G. & C.	1	56	\$92.85 Pozniak
2019-03-10	16-990	Bar AC Ranch & Selinger, G. & C.	3	10	\$48.75 Pozniak
2019-03-13	16-878	Patterson, D. & K.	1	81	\$81.10 Pozniak
2019-03-17	16-878	Patterson, D. & K.	1	56	\$92.85 Pozniak
2019-03-17	16-878	Patterson, D. & K.	1	10	\$16.25 Pozniak

2019-03-18	16-899	Baranowski, L.	1	60	\$53.00 Pozniak
2019-03-18	16-899	Baranowski, L.	1	9	\$22.55 Pozniak
2019-03-20	16-597	Hebert, D.	1	81	\$81.10 Pozniak
2019-03-20	16-739	Stubbs, M.	1	50	\$53.00 Pozniak
2019-03-20	16-739	Stubbs, M.	1	3	\$3.15 Pozniak
2019-03-20	16-739	Stubbs, M.	1	9	\$22.55 Pozniak
2019-03-21	16-878	Patterson, D. & K.	2	56	\$185.70 Pozniak
2019-03-21	16-878	Patterson, D. & K.	2	10	\$32.50 Pozniak
2019-03-21	16-407	Morrison, G.	1	31	\$120.20 Pozniak
2019-03-21	16-990	Bar AC Ranch & Selinger, G. & C.	1	56	\$92.85 Pozniak
2019-03-21	16-990	Bar AC Ranch & Selinger, G. & C.	1	10	\$16.25 Pozniak
2019-03-22	16-911	Wohlgemuth, W. & M.	1	41	\$265.00 Pozniak
2019-03-22	16-911	Wohlgemuth, W. & M.	1	9	\$22.55 Pozniak
2019-03-26	16-281	Valleyview Ranch Colony	1	41	\$265.00 Pozniak
2019-03-26	16-435	Gerwatoski, G.	1	31	\$120.20 Pozniak
2019-03-26	16-435	Gerwatoski, G.	1	9	\$22.55 Pozniak
2019-03-26	16-435	Gerwatoski, G.	1	1	\$17.40 Pozniak
2019-03-26	16-873	Ljunggren, M.	1	31	\$120.20 Pozniak
2019-03-26	16-873	Ljunggren, M.	1	1	\$17.40 Pozniak
2019-03-27	16-873	Ljunggren, M.	1	71	\$118.60 Pozniak
2019-03-27	16-454	Drozda, J. & M.	1	71	\$118.60 Pozniak
2019-03-29	16-880	Marcotte, G.	1	50	\$53.00 Pozniak
2019-03-29	16-880	Marcotte, G.	1	4	\$6.30 Pozniak
2019-03-29	16-880	Marcotte, G.	1	3	\$3.15 Pozniak
2019-03-29	16-1019	Ringen, A. & D.	1	50	\$53.00 Pozniak
2019-03-29	16-1019	Ringen, A. & D.	1	3	\$3.15 Pozniak
2019-03-29	16-1019	Ringen, A. & D.	1	5	\$17.55 Pozniak
2019-03-29	16-891	841943 Alberta ltd & Mrdjenovich, M.	1	44	\$179.50 Pozniak
2019-03-29	16-891	841943 Alberta ltd & Mrdjenovich, M.	1	9	\$22.55 Pozniak
2019-03-29	16-891	841943 Alberta ltd & Mrdjenovich, M.	1	1	\$17.40 Pozniak
2019-03-29	16-281	Valleyview Ranch Colony	1	9	\$22.55 Pozniak
2019-03-29	16-281	Valleyview Ranch Colony	1	60	\$53.00 Pozniak
2019-03-29	16-281	Valleyview Ranch Colony	1	61	\$337.50 Pozniak
2019-03-29	16-281	Valleyview Ranch Colony	10	62	\$342.00 Pozniak
2019-03-29	16-281	Valleyview Ranch Colony	1	65	\$12.35 Pozniak
2019-03-30	16-495	Willowdale Simmentals	1	56	\$92.85 Pozniak
2019-03-30	16-495	Willowdale Simmentals	1	10	\$16.25 Pozniak
2019-03-31	16-1019	Ringen, A. & D.	1	50	\$53.00 Pozniak
2019-03-31	16-1019	Ringen, A. & D.	1	3	\$3.15 Pozniak
2019-02-27	16-664	Dorscheid, J. & L.	14	6	\$37.80 Metz
2019-03-28	16-762	Jaschinsky, W.	1	31	\$120.20 Metz
2019-03-28	16-1020	Charlet, D. & A.	1	71	\$118.60 Metz
2019-02-21	16-758	Klassen, M. & M.	1	60	\$53.00 Gibson
2019-02-21	16-758	Klassen, M. & M.	9	61	\$337.50 Gibson
2019-02-21	16-758	Klassen, M. & M.	15	62	\$513.00 Gibson
2019-02-21	16-976	Blazing J Inc & Lind, D. & C.	1	19	\$156.65 Gibson
2019-02-21	16-976	Blazing J Inc & Lind, D. & C.	1	9	\$22.55 Gibson
2019-02-28	16-495	Willowdale Simmentals	1	60	\$53.00 Gibson
2019-02-28	16-495	Willowdale Simmentals	9	61	\$337.50 Gibson
2019-02-28	16-495	Willowdale Simmentals	27	62	\$923.40 Gibson
2019-03-05	16-495	Willowdale Simmentals	1	60	\$53.00 Breker
2019-03-05	16-495	Willowdale Simmentals	9	61	\$337.50 Breker
2019-03-05	16-495	Willowdale Simmentals	1	62	\$34.20 Breker
2019-03-21	16-495	Willowdale Simmentals	1	50	\$53.00 Breker
2019-03-15	16-976	Blazing J Inc & Lind, D. & C.	1	60	\$53.00 Gibson
2019-03-15	16-976	Blazing J Inc & Lind, D. & C.	1	61	\$37.50 Gibson
2019-03-15	16-976	Blazing J Inc & Lind, D. & C.	1	9	\$22.55 Gibson

2019-03-31	16-976	Blazing J Inc & Lind, D. & C.	1	41	\$265.00 Gibson
2019-03-01	16-647	Adams, D. & J.	1	31	\$120.20 Roth
2019-03-01	16-647	Adams, D. & J.	1	9	\$22.55 Roth
2019-03-01	16-647	Adams, D. & J.	1	1	\$17.40 Roth
2019-03-23	16-298	Schar, E. & E.	1	25	\$56.20 Roth
2019-03-27	16-829	Mckie, K. & P. & Johnston, E.	1	25	\$56.20 Roth
2019-03-23	16-1016	Schar, E.	1	25	\$56.20 Roth
2018-12-19	16-273	HBCR Valley Farming Co. Ltd	1	25	\$112.40 Breker
2019-01-02	16-273	HBCR Valley Farming Co. Ltd	180	6	\$486.00 Breker
2019-01-29	16-758	Klassen, M. & M.	1	50	\$53.00 Breker
2019-01-29	16-758	Klassen, M. & M.	2	65	\$24.70 Breker
2019-01-29	16-425	Klassen Ranching & Klassen, D. & C.	1	25	\$112.40 Breker
2019-01-29	16-273	HBCR Valley Farming Co. Ltd	1	13	\$126.00 Breker
2019-02-01	16-878	Patterson, D. & K.	160	6	\$432.00 Breker
2019-02-13	16-878	Patterson, D. & K.	1	25	\$112.40 Breker
2019-02-13	16-273	HBCR Valley Farming Co. Ltd	1	25	\$168.60 Breker
2019-02-14	16-878	Patterson, D. & K.	1	25	\$56.20 Breker
2019-02-26	16-055	Aibro Farm & Airth, T. & D.	1	90	\$55.65 Okruhlik
2019-02-26	16-055	Aibro Farm & Airth, T. & D.	1	9	\$22.55 Okruhlik
2019-03-02	16-055	Aibro Farm & Airth, T. & D.	1	25	\$112.40 Breker
2019-03-02	16-698	Klassen, C.	1	50	\$53.00 Breker
2019-03-02	16-758	Klassen, M. & M.	1	60	\$53.00 Breker
2019-03-02	16-758	Klassen, M. & M.	8	61	\$300.00 Breker
2019-03-02	16-758	Klasen, M. & M.	1	25	\$28.10 Breker
2019-03-12	16-359	Viravec, R. & B.	1	50	\$53.00 Breker
2019-03-13	16-055	Aibro Farm & Airth, T. & D.	1	60	\$53.00 Breker
2019-03-13	16-055	Aibro Farm & Airth, T. & D.	9	61	\$337.50 Breker
2019-03-13	16-055	Aibro Farm & Airth, T. & D.	2	62	\$68.40 Breker
2019-03-13	16-273	HBCR Valley Farming Co. Ltd	20	6	\$54.00 Breker
2019-03-13	16-273	HBCR Valley Farming Co. Ltd	1	60	\$53.00 Breker
2019-03-18	16-911	Wohlgemuth, W. & M.	32	6	\$86.40 Breker
2019-03-18	16-911	Wohlgemuth, W. & M.	1	60	\$53.00 Breker
2019-03-18	16-911	Wohlgemuth, W. & M.	9	61	\$337.50 Breker
2019-03-18	16-911	Wohlgemuth, W. & M.	8	62	\$273.60 Breker
2019-03-19	16-425	Klassen Ranching & Klassen, D. & C.	1	60	\$53.00 Breker
2019-03-19	16-425	Klassen Ranching & Klassen, D. & C.	6	61	\$337.50 Breker
2019-03-19	16-425	Klassen Ranching & Klassen, D. & C.	5	62	\$171.00 Breker
2019-03-19	16-1000	Klassen, E.	4	62	\$136.80 Breker
2019-03-26	16-1002	Klassen, K. & A.	1	50	\$53.00 Breker
2019-03-26	16-483	Stevenson, L. & M.	1	60	\$53.00 Breker
2019-03-26	16-483	Stevenson, L. & M.	7	61	\$262.50 Breker
2019-03-26	16-758	Klassen, M. & M.	1	19	\$156.65 Breker
2019-03-26	16-758	Klassen, M. & M.	1	60	\$53.00 Breker
2019-03-26	16-758	Klassen, M. & M.	1	25	\$56.20 Breker
2019-03-28	16-698	Klassen, C.	1	60	\$53.00 Breker
2019-03-28	16-698	Klassen, C.	4	61	\$150.00 Breker
2019-03-06	16-976	Blazing'J Inc	1	60	\$53.00 Okruhlik
2019-03-06	16-976	Blazing'J Inc	9	61	\$337.50 Okruhlik
2019-03-06	16-976	Blazing'J Inc	3	62	\$102.60 Okruhlik
claim lines	207				\$23,466.52

Municipal District of Greenview #16				
2019		Second Quarter		
Total Claims in First Quarter		109	\$ 23,466.52	2018
Total Claims in Second Quarter:		172	\$28,434.47	\$20,601.95
Current Claims for 2019		281	\$ 51,900.99	\$30,688.54
				-7.34%
				1.19%
				difference (%)

date	number	name	#claims	id#	amount	vet
2019-05-08	16-435	Gerwatoski, W.	1	60 \$	53.00	Carter
2019-05-08	16-435	Gerwatoski, W.	8	61 \$	300.00	Carter
2019-05-08	16-474	Strid, S.	1	41 \$	265.00	Carter
2019-05-08	16-474	Strid, S.	1	9 \$	22.55	Carter
2019-05-30	16-910	Bulford, S.	1	60 \$	53.00	Carter
2019-05-30	16-910	Bulford, S.	3	61 \$	112.50	Carter
2019-05-30	16-950	Smith, T.	1	60 \$	53.00	Carter
2019-05-30	16-950	Smith, T.	7	61 \$	262.50	Carter
2019-06-13	16-204	Egg Lake Range	1	60 \$	53.00	Carter
2019-06-13	16-204	Egg Lake Range	9	61 \$	337.50	Carter
2019-06-13	16-204	Egg Lake Range	9	62 \$	307.80	Carter
2019-06-13	16-204	Egg Lake Range	9	62 \$	307.80	Carter
2019-04-16	16-416	Smith, L.	1	41 \$	265.00	Gray-Mitchell
2019-04-23	16-396	Vandemark, E. & A.	1	81 \$	81.10	Gray-Mitchell
2019-04-23	16-396	Vandemark, E. & A.	1	9 \$	22.55	Gray-Mitchell
2019-04-24	16-356	Williams, D. & L.	1	41 \$	265.00	Gray-Mitchell
2019-05-22	16-204	Egg Lake Range	1	71 \$	118.60	Gray-Mitchell
2019-04-29	16-734	Baldwin, B.	1	25 \$	56.20	Huber
2019-05-08	16-986	Davis, L.	16	6 \$	40.50	Haas
2019-05-08	16-986	Davis, L.	1	60 \$	53.00	Haas
2019-05-17	16-204	Egg Lake Range	1	81 \$	81.10	Haas
2019-05-17	16-204	Egg Lake Range	1	9 \$	22.55	Haas
2019-06-28	16-964	Smith, T.	1	60 \$	53.00	Haas
2019-06-28	16-964	Smith, T.	3	61 \$	112.50	Haas
2019-04-30	16-961	Murray, S. & L.	1	31 \$	120.20	Wagenaar
2019-04-30	16-961	Murray, S. & L.	1	1 \$	17.40	Wagenaar
2019-05-01	16-603	Arlint, J.	0	25 \$	-	Wagenaar
2019-04-04	16-1014	Warkentin Land & Cattle & Warken	1	60 \$	50.50	Lowe
2019-04-04	16-1014	Warkentin Land & Cattle & Warken	9	61 \$	319.50	Lowe
2019-04-04	16-1014	Warkentin Land & Cattle & Warken	20	62 \$	660.00	Lowe
2019-04-23	16-887	Codan Livestock	1	50 \$	30.00	Lowe
2019-06-14	16-887	Codan Livestock	19	6 \$	48.07	Lowe
2019-06-18	16-1023	Hanson, T.	1	28 \$	45.00	Lowe
2019-06-18	16-1023	Hanson, T.	2	6 \$	5.10	Lowe
2019-02-27	16-1001	Braun, D. & L.	0	9 \$	0.50	Pozniak
2019-03-28	16-990	Bar AC Ranch Ltd & Selinger, G. & C	1	56 \$	92.85	Pozniak
2019-03-28	16-990	Bar AC Ranch Ltd & Selinger, G. & C	1	10 \$	16.25	Pozniak
2019-03-28	16-990	Bar AC Ranch Ltd & Selinger, G. & C	1	56 \$	92.85	Pozniak
2019-03-28	16-990	Bar AC Ranch Ltd & Selinger, G. & C	2	10 \$	32.50	Pozniak
2019-03-31	16-1019	Ringen, A. & D.	1	56 \$	92.85	Pozniak
2019-03-31	16-1019	Ringen, A. & D.	2	10 \$	32.50	Pozniak
2019-04-01	16-984	Gordon, J. & C.	1	50 \$	53.00	Pozniak
2019-04-01	16-944	George Stewart Enterprises Ltd. & ;	1	81 \$	81.10	Pozniak
2019-04-01	16-944	George Stewart Enterprises Ltd. & ;	1	9 \$	22.55	Pozniak
2019-04-02	16-784	Duda, J. & D.	1	71 \$	118.60	Pozniak
2019-04-03	16-281	Valleyview Ranch Colony	1	9 \$	22.55	Pozniak
2019-04-03	16-281	Valleyview Ranch Colony	1	26 \$	65.60	Pozniak

Semen Tests			
#claims	id#	amount	
52	60	\$	2,753.50
193	61	\$	7,144.50
80	62	\$	2,712.00
4	65	\$	49.40
329		\$ 12,659.40	
Calvings			
#claims	id#	amount	
12	31	\$	1,442.40
1	33	\$	74.80
1	35	\$	138.80
12	41	\$	3,180.00
3	44	\$	538.50
2	45	\$	424.00
31		\$ 5,798.50	
IV treatments			
#claims	id#	amount	
1	55	\$	59.30
26	56	\$	2,414.10
27		\$ 2,473.40	

2019-04-03	16-281	Valleyview Ranch Colony	1	3	\$	3.15	Pozniak
2019-04-04	16-851	Elzinga, R. & K.	1	50	\$	53.00	Pozniak
2019-04-04	16-851	Elzinga, R. & K.	1	3	\$	3.15	Pozniak
2019-04-04	16-851	Elzinga, R. & K.	1	9	\$	22.55	Pozniak
2019-04-04	16-829	Mckie, K. & P.	1	81	\$	81.10	Pozniak
2019-04-04	16-829	Mckie, K. & P.	1	9	\$	22.55	Pozniak
2019-04-04	16-281	Valleyview Ranch Colony	1	45	\$	212.00	Pozniak
2019-04-04	16-281	Valleyview Ranch Colony	1	1	\$	17.40	Pozniak
2019-04-05	16-664	Dorscheid, J. & L.	1	60	\$	53.00	Pozniak
2019-04-05	16-664	Dorscheid, J. & L.	3	61	\$	112.50	Pozniak
2019-04-05	16-664	Dorscheid, J. & L.	1	9	\$	22.55	Pozniak
2019-04-05	16-734	Baldwin, B. & G.	2	90	\$	111.30	Pozniak
2019-04-05	16-734	Baldwin, B. & G.	1	9	\$	22.55	Pozniak
2019-04-07	16-795	Amundson, R. & C.	1	31	\$	120.20	Pozniak
2019-04-08	16-891	841943 Alberta ltd & Mrdjenovich,	1	31	\$	120.20	Pozniak
2019-04-08	16-891	841943 Alberta ltd & Mrdjenovich,	1	9	\$	22.55	Pozniak
2019-04-08	16-891	841943 Alberta ltd & Mrdjenovich,	1	1	\$	17.40	Pozniak
2019-04-08	16-989	Isaac, T.	1	41	\$	265.00	Pozniak
2019-04-08	16-989	Isaac, T.	1	9	\$	22.55	Pozniak
2019-04-08	16-880	Marcotte, G.	1	31	\$	120.20	Pozniak
2019-04-08	16-880	Marcotte, G.	1	1	\$	17.40	Pozniak
2019-04-08	16-840	Wolf Farms & Wolf, T.	1	60	\$	53.00	Pozniak
2019-04-08	16-840	Wolf Farms & Wolf, T.	5	61	\$	187.50	Pozniak
2019-04-08	16-840	Wolf Farms & Wolf, T.	70	6	\$	189.00	Pozniak
2019-04-08	16-878	Patterson, D. & K.	1	56	\$	92.85	Pozniak
2019-04-08	16-878	Patterson, D. & K.	2	10	\$	32.50	Pozniak
2019-04-09	16-975	Rutt, D.	1	60	\$	53.00	Pozniak
2019-04-09	16-975	Rutt, D.	1	9	\$	22.55	Pozniak
2019-04-10	16-928	Vetsch, M.	1	25	\$	28.10	Pozniak
2019-04-10	16-281	Valleyview Ranch Colony	1	41	\$	265.00	Pozniak
2019-04-10	16-730	Thiessen, R.	1	50	\$	53.00	Pozniak
2019-04-10	16-730	Thiessen, R.	1	3	\$	3.15	Pozniak
2019-04-10	16-730	Thiessen, R.	1	9	\$	22.55	Pozniak
2019-04-11	16-020	Loewen, T. & J.	1	44	\$	179.50	Pozniak
2019-04-11	16-020	Loewen, T. & J.	1	1	\$	17.40	Pozniak
2019-04-11	16-020	Loewen, T. & J.	1	9	\$	22.55	Pozniak
2019-04-13	16-285	Moovers INC & Calliau, R. & F.	1	26	\$	65.60	Pozniak
2019-04-13	16-285	Moovers INC & Calliau, R. & F.	1	3	\$	3.15	Pozniak
2019-04-13	16-559	Madu, R. & K.	1	31	\$	120.20	Pozniak
2019-04-13	16-559	Madu, R. & K.	1	1	\$	17.40	Pozniak
2019-04-13	16-838	Tremblay, V. & S.	1	50	\$	53.00	Pozniak
2019-04-13	16-838	Tremblay, V. & S.	1	3	\$	3.15	Pozniak
2019-04-13	16-838	Tremblay, V. & S.	1	4	\$	6.30	Pozniak
2019-04-15	16-873	Ljunggren, M.	1	56	\$	92.85	Pozniak
2019-04-15	16-873	Ljunggren, M.	2	10	\$	32.50	Pozniak
2019-04-17	16-990	Bar AC Ranch & Selinger, G. & C.	1	28	\$	44.25	Pozniak
2019-04-17	16-990	Bar AC Ranch & Selinger, G. & C.	1	9	\$	22.55	Pozniak
2019-04-17	16-990	Bar AC Ranch & Selinger, G. & C.	1	60	\$	53.00	Pozniak
2019-04-18	16-407	Morrison, G.	1	60	\$	53.00	Pozniak
2019-04-18	16-407	Morrison, G.	1	61	\$	37.50	Pozniak
2019-04-18	16-573	Gerwatoski, J. & K.	1	9	\$	22.55	Pozniak
2019-04-18	16-573	Gerwatoski, J. & K.	1	56	\$	92.85	Pozniak
2019-04-18	16-890	Beaunoyer, G. & A.	0	10	\$	16.25	Pozniak
2019-04-18	16-890	Beaunoyer, G. & A.	0	50	\$	-	Pozniak
2019-04-18	16-890	Beaunoyer, G. & A.	0	3	\$	-	Pozniak
2019-04-20	16-420	Tolletson, E. & L.	1	56	\$	92.85	Pozniak

2019-04-21	16-290	Hollingworth Farms (Richard)	1	31	\$	120.20	Pozniak
2019-04-21	16-290	Hollingworth Farms (Richard)	1	9	\$	22.55	Pozniak
2019-04-21	16-290	Hollingworth Farms (Richard)	1	1	\$	17.40	Pozniak
2019-04-22	16-901	McKay, J.	1	50	\$	-	Pozniak
2019-04-22	16-901	McKay, J.	1	4	\$	6.30	Pozniak
2019-04-22	16-894	Coates, B. & D.	1	50	\$	53.00	Pozniak
2019-04-22	16-894	Coates, B. & D.	1	3	\$	3.15	Pozniak
2019-04-22	16-894	Coates, B. & D.	1	9	\$	22.55	Pozniak
2019-04-24	16-873	Ljunggren, M.	1	50	\$	53.00	Pozniak
2019-04-24	16-873	Ljunggren, M.	1	4	\$	6.30	Pozniak
2019-04-24	16-873	Ljunggren, M.	1	9	\$	22.55	Pozniak
2019-04-26	16-138	Triple W Simmentals	1	41	\$	265.00	Pozniak
2019-04-26	16-991	Hills, B.	1	50	\$	53.00	Pozniak
2019-04-26	16-991	Hills, B.	1	9	\$	22.55	Pozniak
2019-04-26	16-281	Valleyview Ranch Colony	1	60	\$	53.00	Pozniak
2019-04-26	16-281	Valleyview Ranch Colony	2	61	\$	75.00	Pozniak
2019-04-26	16-281	Valleyview Ranch Colony	1	65	\$	12.35	Pozniak
2019-04-27	16-878	Valleyview Ranch Colony	1	9	\$	22.55	Pozniak
2019-04-27	16-878	Patterson, D. & K.	1	12A	\$	140.10	Pozniak
2019-04-27	16-878	Patterson, D. & K.	1	12B	\$	56.20	Pozniak
2019-04-28	16-917	Patterson, D. & K.	1	10	\$	16.25	Pozniak
2019-04-28	16-917	Sawley, D. & B.	1	50	\$	53.00	Pozniak
2019-04-29	16-945	Sawley, D. & B.	1	5	\$	17.55	Pozniak
2019-04-29	16-945	Clough, D. & V.	1	31	\$	120.20	Pozniak
2019-04-29	16-945	Clough, D. & V.	1	9	\$	22.55	Pozniak
2019-04-29	16-945	Clough, D. & V.	1	1	\$	17.40	Pozniak
2019-04-30	16-281	Valleyview Ranch Colony	1	50	\$	53.00	Pozniak
2019-04-30	16-281	Valleyview Ranch Colony	1	3	\$	3.15	Pozniak
2019-04-30	16-290	Hollingworth Farms (Richard)	1	56	\$	92.85	Pozniak
2019-04-30	16-290	Hollingworth Farms (Richard)	1	10	\$	16.25	Pozniak
2019-05-02	16-1022	Fiddes, H.	1	50	\$	53.00	Pozniak
2019-05-02	16-1022	Fiddes, H.	1	3	\$	3.15	Pozniak
2019-05-02	16-989	Fiddes, H.	1	9	\$	22.55	Pozniak
2019-05-02	16-989	Isaac, T.	1	60	\$	53.00	Pozniak
2019-05-02	16-989	Isaac, T.	1	61	\$	37.50	Pozniak
2019-05-02	16-989	Isaac, T.	1	9	\$	22.55	Pozniak
2019-05-02	16-281	Valleyview Ranch Colony	1	56	\$	92.85	Pozniak
2019-05-02	16-281	Valleyview Ranch Colony	2	10	\$	32.50	Pozniak
2019-05-03	16-273	HBCR Valley Farming Co. Ltd	1	9	\$	22.55	Pozniak
2019-05-03	16-273	HBCR Valley Farming Co. Ltd	1	26	\$	65.60	Pozniak
2019-05-03	16-273	HBCR Valley Farming Co. Ltd	1	3	\$	3.15	Pozniak
2019-05-03	16-1010	Dennis, S. & K.	1	44	\$	179.50	Pozniak
2019-05-03	16-1010	Dennis, S. & K.	1	1	\$	17.40	Pozniak
2019-05-03	16-1010	Dennis, S. & K.	1	9	\$	22.55	Pozniak
2019-05-03	16-290	Hollingworth Farms (Richard)	1	50	\$	53.00	Pozniak
2019-05-03	16-290	Hollingworth Farms (Richard)	1	3	\$	3.15	Pozniak
2019-05-03	16-290	Hollingworth Farms (Richard)	1	9	\$	22.55	Pozniak
2019-05-03	16-290	Hollingworth Farms (Richard)	1	5	\$	17.55	Pozniak
2019-05-05	16-290	Hollingworth Farms (Richard)	1	31	\$	120.20	Pozniak
2019-05-05	16-290	Hollingworth Farms (Richard)	1	9	\$	22.55	Pozniak
2019-05-05	16-290	Hollingworth Farms (Richard)	1	1	\$	17.40	Pozniak
2019-05-03	16-420	Tolletson, E. & L.	1	56	\$	92.85	Pozniak
2019-05-03	16-420	Tolletson, E. & L.	2	10	\$	32.50	Pozniak
2019-05-04	16-420	Tolletson, E. & L.	1	56	\$	92.85	Pozniak
2019-05-04	16-420	Tolletson, E. & L.	1	10	\$	16.25	Pozniak
2019-05-04	16-933	Walker, A. & B.	1	56	\$	92.85	Pozniak

2019-05-04	16-933	Walker, A. & B.	1	10	\$	16.25	Pozniak
2019-05-06	16-420	Tollefson, E. & L.	1	56	\$	92.85	Pozniak
2019-05-06	16-420	Tollefson, E. & L.	2	10	\$	32.50	Pozniak
2019-05-08	16-420	Tollefson, E. & L.	1	56	\$	92.85	Pozniak
2019-05-08	16-420	Tollefson, E. & L.	2	10	\$	32.50	Pozniak
2019-05-07	16-948	Markentin, H. & E.	1	50	\$	53.00	Pozniak
2019-05-07	16-948	Markentin, H. & E.	1	3	\$	3.15	Pozniak
2019-05-07	16-948	Markentin, H. & E.	1	5	\$	17.55	Pozniak
2019-05-07	16-930	Young, J. & C.	1	60	\$	53.00	Pozniak
2019-05-07	16-930	Young, J. & C.	1	61	\$	37.50	Pozniak
2019-05-07	16-930	Young, J. & C.	1	9	\$	22.55	Pozniak
2019-05-07	16-930	Young, J. & C.	1	65	\$	12.35	Pozniak
2019-05-09	16-838	Tremblay, V. & S.	1	83	\$	53.00	Pozniak
2019-05-10	16-991	Hills, B.	1	50	\$	53.00	Pozniak
2019-05-10	16-991	Hills, B.	1	3	\$	3.15	Pozniak
2019-05-10	16-991	Hills, B.	1	9	\$	22.55	Pozniak
2019-05-12	16-285	Moovers INC & Calliau, R. & F.	1	56	\$	92.85	Pozniak
2019-05-12	16-285	Moovers INC & Calliau, R. & F.	2	10	\$	32.50	Pozniak
2019-05-13	16-889	Friesen, R.	1	50	\$	53.00	Pozniak
2019-05-13	16-889	Friesen, R.	1	3	\$	3.15	Pozniak
2019-05-13	16-475	Vetsch Farms & Vetsch, S. & L.	1	9	\$	22.55	Pozniak
2019-05-13	16-475	Vetsch Farms & Vetsch, S. & L.	1	26	\$	65.60	Pozniak
2019-05-13	16-475	Vetsch Farms & Vetsch, S. & L.	1	3	\$	3.15	Pozniak
2019-05-14	16-873	Ljunggren, M.	1	60	\$	53.00	Pozniak
2019-05-14	16-873	Ljunggren, M.	5	61	\$	187.50	Pozniak
2019-05-14	16-873	Ljunggren, M.	1	62	\$	34.20	Pozniak
2019-05-15	16-475	Vetsch Farms & Vetsch, S. & L.	1	50	\$	53.00	Pozniak
2019-05-15	16-475	Vetsch Farms & Vetsch, S. & L.	1	3	\$	3.15	Pozniak
2019-05-15	16-475	Vetsch Farms & Vetsch, S. & L.	1	9	\$	22.55	Pozniak
2019-05-15	16-475	Vetsch Farms & Vetsch, S. & L.	1	51	\$	36.20	Pozniak
2019-05-16	16-720	Lewis, S. & S.	2	56	\$	185.70	Pozniak
2019-05-16	16-720	Lewis, S. & S.	2	10	\$	32.50	Pozniak
2019-05-17	16-851	Elzinga, R. & K.	1	74	\$	62.45	Pozniak
2019-05-17	16-851	Elzinga, R. & K.	1	9	\$	22.55	Pozniak
2019-05-17	16-290	Hollingworth Farms (Richard)	1	50	\$	53.00	Pozniak
2019-05-17	16-290	Hollingworth Farms (Richard)	1	3	\$	3.15	Pozniak
2019-05-17	16-290	Hollingworth Farms (Richard)	1	9	\$	22.55	Pozniak
2019-05-17	16-290	Hollingworth Farms (Richard)	1	5	\$	17.55	Pozniak
2019-05-17	16-991	Hills, B.	1	50	\$	53.00	Pozniak
2019-05-17	16-991	Hills, B.	1	3	\$	3.15	Pozniak
2019-05-17	16-991	Hills, B.	1	9	\$	22.55	Pozniak
2019-05-17	16-991	Hills, B.	1	65	\$	12.35	Pozniak
2019-05-17	16-730	Thiessen, R.	1	50	\$	53.00	Pozniak
2019-05-17	16-407	Morrison, G.	1	60	\$	53.00	Pozniak
2019-05-17	16-407	Morrison, G.	1	9	\$	22.55	Pozniak
2019-05-22	16-873	Ljunggren, M.	1	50	\$	53.00	Pozniak
2019-05-22	16-873	Ljunggren, M.	1	3	\$	3.15	Pozniak
2019-05-24	16-442	King, L. & S.	1	97	\$	40.15	Pozniak
2019-05-24	16-442	King, L. & S.	1	9	\$	22.55	Pozniak
2019-05-24	16-760	Clarke, C. & A.	1	50	\$	53.00	Pozniak
2019-05-24	16-889	Friesen, R.	1	50	\$	53.00	Pozniak
2019-05-24	16-889	Friesen, R.	1	3	\$	3.15	Pozniak
2019-05-25	16-020	Loewen, T. & J.	1	50	\$	53.00	Pozniak
2019-05-25	16-020	Loewen, T. & J.	1	3	\$	3.15	Pozniak
2019-05-25	16-020	Loewen, T. & J.	1	5	\$	17.55	Pozniak
2019-05-26	16-798	Berry, D. & V.	1	41	\$	265.00	Pozniak

2019-05-26	16-798	Berry, D. & V.	1	9	\$	22.55	Pozniak
2019-05-28	16-862	Drayton Valley Development Ltd.	1	41	\$	265.00	Pozniak
2019-05-28	16-862	Drayton Valley Development Ltd.	1	9	\$	22.55	Pozniak
2019-05-28	16-475	Vetsch Farms & Vetsch, S. & L.	0	12	\$	-	Pozniak
2019-05-29	16-917	Sawley, D. & B.	1	41	\$	265.00	Pozniak
2019-05-29	16-917	Sawley, D. & B.	1	9	\$	22.55	Pozniak
2019-05-31	16-917	Sawley, D. & B.	1	60	\$	53.00	Pozniak
2019-05-31	16-917	Sawley, D. & B.	8	61	\$	300.00	Pozniak
2019-05-31	16-917	Sawley, D. & B.	1	9	\$	22.55	Pozniak
2019-05-10	16-745	Eaton, P.	1	13A	\$	63.00	Pozniak
2019-05-10	16-745	Eaton, P.	1	13B	\$	-	Pozniak
2019-05-10	16-745	Eaton, P.	1	9	\$	22.55	Pozniak
2019-05-09	16-010	Ratzlaff, D.	1	12A	\$	140.10	Pozniak
2019-05-09	16-010	Ratzlaff, D.	1	12B	\$	-	Pozniak
2019-05-09	16-010	Ratzlaff, D.	1	9	\$	22.55	Pozniak
2019-06-03	16-550	Haskell, R. & D.	1	50	\$	53.00	Pozniak
2019-06-03	16-550	Haskell, R. & D.	1	3	\$	3.15	Pozniak
2019-06-03	16-550	Haskell, R. & D.	1	9	\$	22.55	Pozniak
2019-06-02	16-281	Valleyview Ranch Colony	1	44	\$	179.50	Pozniak
2019-06-02	16-281	Valleyview Ranch Colony	1	9	\$	22.55	Pozniak
2019-06-03	16-831	Wildrose Peace Gate Farm	1	9	\$	22.55	Pozniak
2019-06-03	16-831	Wildrose Peace Gate Farm	1	60	\$	53.00	Pozniak
2019-06-03	16-831	Wildrose Peace Gate Farm	5	61	\$	187.50	Pozniak
2019-06-03	16-831	Wildrose Peace Gate Farm	1	65	\$	12.35	Pozniak
2019-06-03	16-873	Ljunggren, M.	1	56	\$	92.85	Pozniak
2019-06-03	16-873	Ljunggren, M.	2	10	\$	32.50	Pozniak
2019-06-03	16-932	Wiltse, B. & C.	1	56	\$	92.85	Pozniak
2019-06-03	16-932	Wiltse, B. & C.	2	10	\$	32.50	Pozniak
2019-06-05	16-390	Whiting, J. & G.	1	50	\$	53.00	Pozniak
2019-06-05	16-390	Whiting, J. & G.	1	3	\$	3.15	Pozniak
2019-06-05	16-390	Whiting, J. & G.	1	9	\$	22.55	Pozniak
2019-06-05	16-840	Wolfe Farms & Wolfe, T.	1	60	\$	53.00	Pozniak
2019-06-05	16-862	Drayton Valley Development Ltd.	1	56	\$	92.85	Pozniak
2019-06-05	16-862	Drayton Valley Development Ltd.	2	10	\$	32.50	Pozniak
2019-06-05	16-281	Valleyview Ranch Colony	1	9	\$	22.55	Pozniak
2019-06-05	16-281	Valleyview Ranch Colony	1	26	\$	65.60	Pozniak
2019-06-05	16-281	Valleyview Ranch Colony	1	3	\$	3.15	Pozniak
2019-06-08	16-281	Valleyview Ranch Colony	1	56	\$	92.85	Pozniak
2019-06-08	16-281	Valleyview Ranch Colony	1	10	\$	16.25	Pozniak
2019-06-08	16-281	Valleyview Ranch Colony	1	56	\$	92.85	Pozniak
2019-06-09	16-281	Valleyview Ranch Colony	2	10	\$	32.50	Pozniak
2019-06-09	16-281	Valleyview Ranch Colony	1	56	\$	92.85	Pozniak
2019-06-11	16-281	Valleyview Ranch Colony	1	10	\$	16.25	Pozniak
2019-06-11	16-281	Valleyview Ranch Colony	1	13A	\$	63.00	Pozniak
2019-06-08	16-524	MacPhee, D.	1	9	\$	22.55	Pozniak
2019-06-10	16-458	Ford, B. & G.	2	61	\$	75.00	Pozniak
2019-06-10	16-458	Ford, B. & G.	1	60	\$	53.00	Pozniak
2019-06-10	16-458	Ford, B. & G.	1	61	\$	37.50	Pozniak
2019-06-10	16-458	Ford, B. & G.	1	9	\$	22.55	Pozniak
2019-06-11	16-458	Ford, B. & G.	1	28	\$	44.25	Pozniak
2019-06-11	16-1024	Plamondon, T.	1	33	\$	74.80	Pozniak
2019-06-11	16-1024	Plamondon, T.	1	9	\$	22.55	Pozniak
2019-06-11	16-281	Valleyview Ranch Colony	1	45	\$	212.00	Pozniak
2019-06-11	16-281	Valleyview Ranch Colony	1	1	\$	17.40	Pozniak
2019-06-11	16-281	Valleyview Ranch Colony	1	9	\$	22.55	Pozniak

2019-06-12	16-427	Ratzlaff, E. & B.	1	60	\$	53.00	Pozniak
2019-06-12	16-427	Ratzlaff, E. & B.	1	9	\$	22.55	Pozniak
2019-06-12	16-010	Ratzlaff, D.	1	60	\$	53.00	Pozniak
2019-06-12	16-010	Ratzlaff, D.	2	61	\$	75.00	Pozniak
2019-06-12	16-010	Ratzlaff, D.	1	9	\$	22.55	Pozniak
2019-06-14	16-891	841943 Alberta Ltd & Mrdjenovich,	1	56	\$	92.85	Pozniak
2019-06-14	16-891	841943 Alberta Ltd & Mrdjenovich,	1	10	\$	16.25	Pozniak
2019-06-14	16-891	841943 Alberta Ltd & Mrdjenovich,	1	50	\$	53.00	Pozniak
2019-06-14	16-891	841943 Alberta Ltd & Mrdjenovich,	1	3	\$	3.15	Pozniak
2019-06-14	16-891	841943 Alberta Ltd & Mrdjenovich,	1	4	\$	6.30	Pozniak
2019-06-15	16-281	Valleyview Ranch Colony	1	56	\$	92.85	Pozniak
2019-06-15	16-281	Valleyview Ranch Colony	2	10	\$	32.50	Pozniak
2019-06-16	16-285	Moovers INC & Calliau, R. & F.	1	90	\$	55.65	Pozniak
2019-06-17	16-626	Lonmore Ranch Inc.	1	60	\$	53.00	Pozniak
2019-06-17	16-626	Lonmore Ranch Inc.	1	9	\$	22.55	Pozniak
2019-06-20	16-524	MacPhee, D.	1	60	\$	53.00	Pozniak
2019-06-20	16-524	MacPhee, D.	1	61	\$	75.00	Pozniak
2019-06-20	16-524	MacPhee, D.	1	9	\$	22.55	Pozniak
2019-06-25	16-734	Baldwin, B. & G.	1	56	\$	92.85	Pozniak
2019-06-25	16-734	Baldwin, B. & G.	2	10	\$	32.50	Pozniak
2019-04-09	16-840	Wolfe Farms & Wolfe, T.	1	31	\$	120.20	Metz
2019-05-14	16-664	Dorscheid, J. & L.	1	81	\$	81.10	Metz
2019-05-20	16-756	1941362 Alberta Ltd. & Hansen, B.	1	41	\$	265.00	Metz
2019-06-08	16-810	Mulligan, S.	1	26	\$	65.60	Metz
2019-06-30	16-013	Mostad, E. & L.	1	55	\$	59.30	Metz
2019-05-22	16-708	Smith, B. & Head, K.	1	60	\$	53.00	Schroer
2019-05-22	16-708	Smith, B. & Head, K.	9	61	\$	337.50	Schroer
2019-05-22	16-708	Smith, B. & Head, K.	8	62	\$	273.60	Schroer
2019-05-22	16-416	Smith, L.	1	60	\$	53.00	Schroer
2019-05-22	16-416	Smith, L.	6	61	\$	112.50	Schroer
2019-05-22	16-1015	Smith, B.	1	60	\$	53.00	Schroer
2019-05-22	16-1015	Smith, B.	1	61	\$	37.50	Schroer
2019-06-04	16-874	Sather, T. & B.	1	60	\$	53.00	Schroer
2019-06-04	16-874	Sather, T. & B.	2	61	\$	75.00	Schroer
2019-04-01	16-495	Willowdale Simmentals	1	60	\$	53.00	Gibson
2019-04-01	16-495	Willowdale Simmentals	2	19	\$	313.30	Gibson
2019-04-01	16-495	Willowdale Simmentals	1	9	\$	22.55	Gibson
2019-04-04	16-976	Blazing J Inc & Lind, D. & C.	1	90	\$	55.65	Gibson
2019-04-22	16-976	Blazing J Inc & Lind, D. & C.	2	51	\$	72.40	Gibson
2019-04-22	16-976	Blazing J Inc & Lind, D. & C.	1	9	\$	22.55	Gibson
2019-04-26	16-793	Mason, S. & K.	1	60	\$	53.00	Gibson
2019-04-26	16-793	Mason, S. & K.	1	61	\$	37.50	Gibson
2019-04-26	16-793	Mason, S. & K.	1	9	\$	22.55	Gibson
2019-05-19	16-976	Blazing J Inc & Lind, D. & C.	1 12A		\$	140.10	Gutter
2019-05-19	16-976	Blazing J Inc & Lind, D. & C.	1 12B		\$	28.10	Gutter
2019-05-19	16-976	Blazing J Inc & Lind, D. & C.	1	9	\$	22.55	Gutter
2019-04-27	16-818	Cymbaluk, T. & J & Mason, L.	1	31	\$	120.20	Roth
2019-04-27	16-818	Cymbaluk, T. & J & Mason, L.	1	9	\$	22.55	Roth
2019-04-27	16-818	Cymbaluk, T. & J & Mason, L.	1	1	\$	17.40	Roth
2019-04-27	16-818	Cymbaluk, T. & J & Mason, L.	1	31	\$	120.20	Roth
2019-04-27	16-682	Muzychny, J.	1	9	\$	22.55	Roth
2019-04-27	16-682	Muzychny, J.	1	1	\$	17.40	Roth
2019-05-28	16-818	Cymbaluk, T. & J & Mason, L.	1	60	\$	53.00	Gibson
2019-05-28	16-818	Cymbaluk, T. & J & Mason, L.	2	61	\$	75.00	Gibson
2019-05-28	16-818	Cymbaluk, T. & J & Mason, L.	1	9	\$	22.55	Gibson
2019-05-08	16-859	Tweedle Dee Enterprises	1	31	\$	120.20	Gutter

2019-05-06	16-946	Cymbaluk, G. & L.	1	71	\$	118.60	Gutter
2019-05-14	16-829	Mckie, K. & P. & Johnston, E.	1	60	\$	53.00	Roth
2019-05-14	16-829	Mckie, K. & P. & Johnston, E.	11	61	\$	412.50	Roth
2019-05-14	16-647	Adams, D. & J.	1	9	\$	22.55	Roth
2019-05-14	16-647	Adams, D. & J.	1	50	\$	53.00	Roth
2019-05-23	16-798	Berry, D. & V.	1	41	\$	265.00	Roth
2019-05-23	16-798	Berry, D. & V.	1	9	\$	22.55	Roth
2019-06-18	16-14	Adams, D. & J.	1	60	\$	53.00	Gibson
2019-06-18	16-14	Adams, D. & J.	1	61	\$	37.50	Gibson
2019-06-18	16-14	Adams, D. & J.	1	9	\$	22.55	Gibson
2019-06-19	16-975	Rutt, D.	1	60	\$	53.00	Gibson
2019-06-19	16-975	Rutt, D.	5	61	\$	187.50	Gibson
2019-06-19	16-493	Schellenberg, B.	1	60	\$	53.00	Gibson
2019-06-19	16-493	Schellenberg, B.	5	61	\$	187.50	Gibson
2019-06-19	16-762	Jaschinski, W.	1	60	\$	53.00	Gibson
2019-06-19	16-762	Jaschinski, W.	4	61	\$	150.00	Gibson
2019-06-19	16-810	Mulligan, S. & K.	1	60	\$	53.00	Gibson
2019-06-19	16-810	Mulligan, S. & K.	9	61	\$	337.50	Gibson
2019-06-26	16-793	Mason, S. & K.	1	41	\$	265.00	Roth
2019-06-26	16-793	Mason, S. & K.	1	9	\$	22.55	Roth
2019-04-01	16-758	Klassen, M. & M.	1	60	\$	53.00	Breker
2019-04-01	16-758	Klassen, M. & M.	2	61	\$	75.00	Breker
2019-04-01	16-878	Patterson, D. & K.	1	60	\$	53.00	Breker
2019-04-01	16-878	Patterson, D. & K.	9	61	\$	337.50	Breker
2019-04-01	16-878	Patterson, D. & K.	18	62	\$	615.60	Breker
2019-04-01	16-055	Airbro Farm & Airth, T. & D.	1	26	\$	65.60	Breker
2019-04-17	16-878	Patterson, D. & K.	1	60	\$	53.00	Breker
2019-04-17	16-878	Patterson, D. & K.	2	61	\$	75.00	Breker
2019-04-17	16-483	Stevenson, L. & M.	1	60	\$	53.00	Breker
2019-04-17	16-911	Wohlgemuth, W. & M.	1	60	\$	53.00	Breker
2019-04-17	16-911	Wohlgemuth, W. & M.	2	61	\$	75.00	Breker
2019-04-17	16-495	Willowdale Simmentals	1	60	\$	53.00	Breker
2019-04-17	16-495	Willowdale Simmentals	9	61	\$	337.50	Breker
2019-04-17	16-495	Willowdale Simmentals	1	62	\$	34.20	Breker
2019-04-26	16-758	Klassen, M. & M.	1	60	\$	53.00	Breker
2019-04-26	16-758	Klassen, M. & M.	3	61	\$	112.50	Breker
2019-05-03	16-758	Klassen, M. & M.	1	9	\$	22.55	Breker
2019-05-03	16-758	Klassen, M. & M.	1	35	\$	138.80	Breker
2019-05-10	16-967	Clegg, D.	1	60	\$	53.00	Breker
2019-05-10	16-967	Clegg, D.	1	61	\$	37.50	Breker
2019-05-10	16-066	Airbro Farm & Airth, T. & D.	1	26	\$	65.60	Breker
2019-05-01	16-055	Patterson, D. & K.	2	51	\$	72.40	Breker
2019-05-13	16-878	Viravec, R. & B.	1	60	\$	53.00	Breker
2019-05-23	16-359	Viravec, R. & B.	2	61	\$	75.00	Breker
2019-05-29	16-273	HBCR Valley Farming Co. Ltd	1	60	\$	53.00	Breker
2019-05-29	16-273	HBCR Valley Farming Co. Ltd	9	61	\$	337.50	Breker
2019-05-29	16-273	HBCR Valley Farming Co. Ltd	18	62	\$	615.60	Breker
2019-05-29	16-273	HBCR Valley Farming Co. Ltd	0	25	\$	-	Breker
2019-06-06	16-273	HBCR Valley Farming Co. LTD	1	25	\$	112.40	Breker
2019-06-25	16-425	Klassen Ranching & Klassen, D. & C.	1	90	\$	55.65	Breker
2019-06-26	16-815	Klassen, D.	1	60	\$	53.00	Breker
2019-06-26	16-815	Klassen, D.	4	61	\$	150.00	Breker
2019-06-20	16-756	1941362 Alberta Ltd & Hanson, B. }	1	60	\$	53.00	Burow
2019-06-20	16-756	1941362 Alberta Ltd & Hanson, B. }	9	61	\$	337.50	Burow
2019-06-20	16-756	1941362 Alberta Ltd & Hanson, B. }	5	62	\$	171.00	Burow

2019-06-20	16-857	Rutt, D. & W.	1	60	\$	53.00	Burow
2019-06-20	16-857	Rutt, D. & W.	6	61	\$	225.00	Burow
2019-06-13	16-758	Klassen, M. & M.	1	60	\$	53.00	Okruhlik
2019-06-13	16-758	Klassen, M. & M.	2	61	\$	75.00	Okruhlik
claimlines						\$28,434.47	
						386	

Municipal District of Greenview #16
2019

Total Claims in First Quarter	109	\$ 23,466.52	2018	difference
Total Claims in Second Quarter	172	\$ 28,434.47	\$30,688.54	
Total Claims in Third Quarter	49	\$4,462.31	\$9,711.87	-54.1%
Current Claims for 2019	330	\$ 56,363.30	\$61,002.36	-7.6%

date	number	name	#claims	id#	amount	vet
2019-05-01	16-1026	Arlint, J.	1	25	\$ 56.20	Wagenaar
2019-05-29	16-273	HBCR Valley Farming Co. Ltd	1	25	\$ 84.30	Breker
2019-06-11	16-281	Valleyview Ranch Colony	1	13B	\$ 25.95	Pozniak
2019-06-12	16-	duplicate of G165			\$ -	Pozniak
2019-07-02	16-465	Koleba, D. & G.	1	50	\$ 53.00	Pozniak
2019-07-02	16-465	Koleba, D. & G.	1	3	\$ 3.15	Pozniak
2019-07-04	16-651	Herr, C.	1	60	\$ 53.00	Pozniak
2019-07-04	16-651	Herr, C.	2	61	\$ 75.00	Pozniak
2019-07-04	16-651	Herr, C.	1	9	\$ 22.55	Pozniak
2019-07-05	16-894	Coates, B. & D.	1	60	\$ 53.00	Pozniak
2019-07-05	16-894	Coates, B. & D.	3	61	\$ 112.50	Pozniak
2019-07-05	16-894	Coates, B. & D.	1	9	\$ 22.55	Pozniak
2019-07-09	16-991	Hills, B.	1	60	\$ 53.00	Pozniak
2019-07-09	16-991	Hills, B.	1	9	\$ 22.55	Pozniak
2019-07-10	16-734	Baldwin, B. & G.	1	31	\$ 120.20	Pozniak
2019-07-10	16-734	Baldwin, B. & G.	1	9	\$ 22.55	Pozniak
2019-07-10	16-734	Baldwin, B. & G.	1	1	\$ 17.40	Pozniak
2019-07-12	16-006	Crichton, Holly	1	60	\$ 53.00	Carter
2019-07-12	16-006	Crichton, Holly	1	61	\$ 37.50	Carter
2019-07-12	16-006	Crichton, Holly	1	9	\$ 10.58	Carter
2019-07-12	16-961	Murray, L.	1	60	\$ 53.00	Carter
2019-07-12	16-961	Murray, L.	1	61	\$ 37.50	Carter
2019-07-12	16-961	Murray, L.	1	9	\$ 10.58	Carter
2019-07-15	16-442	King, L. & S.	1	60	\$ 53.00	Pozniak
2019-07-15	16-442	King, L. & S.	1	9	\$ 22.55	Pozniak
2019-07-16	16-1025	Davis, C. & J.	1	51	\$ 36.20	Pozniak
2019-07-17	16-055	Airbro Farms & Airth, T. & D.	1	50	\$ 53.00	Breker
2019-07-18	16-757	Simpkins, M.	1	60	\$ 53.00	Gibson
2019-07-18	16-757	Simpkins, M.	1	61	\$ 37.50	Gibson
2019-07-19	16-281	Valleyview Ranch Colony	1	50	\$ 53.00	Pozniak
2019-07-19	16-281	Valleyview Ranch Colony	1	3	\$ 3.15	Pozniak
2019-07-19	16-281	Valleyview Ranch Colony	1	9	\$ 22.55	Pozniak
2019-07-19	16-928	Vetsch, M.	1	60	\$ 53.00	Pozniak
2019-07-19	16-928	Vetsch, M.	1	9	\$ 22.55	Pozniak
2019-07-22	16-757	Simpkins, J. & M.	1	60	\$ 53.00	Pozniak
2019-07-22	16-757	Simpkins, J. & M.	1	9	\$ 22.55	Pozniak
2019-07-26	16-465	Koleba, D. & G.	1	50	\$ 53.00	Pozniak
2019-07-26	16-465	Koleba, D. & G.	1	3	\$ 3.15	Pozniak
2019-07-26	16-465	Koleba, D. & G.	1	9	\$ 22.55	Pozniak
2019-07-26	16-928	Vetsch, M.	1	50	\$ 53.00	Pozniak
2019-07-26	16-285	Moovers INC & Calliau, R. & F.	1	90	\$ 55.65	Pozniak
2019-07-29	16-281	Valleyview Ranch Colony	1	60	\$ 53.00	Pozniak
2019-07-29	16-281	Valleyview Ranch Colony	1	9	\$ 22.55	Pozniak
2019-07-29	16-793	Mason, S. & K.	0	18	\$ -	Adams
2019-07-30	16-831	Wildrose Peace Gate Farm	1	45	\$ 212.00	Pozniak
2019-07-30	16-831	Wildrose Peace Gate Farm	1	1	\$ 17.40	Pozniak
2019-07-30	16-831	Wildrose Peace Gate Farm	1	9	\$ 22.55	Pozniak
2019-07-30	16-273	HBCR Valley Farming Co. LTD	1	15	\$ 115.95	Breker
2019-07-30	16-273	HBCR Valley Farming Co. LTD	1	9	\$ 22.55	Breker
2019-08-01	16-1025	Davis, C. & J.	1	50	\$ 36.20	Pozniak
2019-08-07	16-290	Hollingworth Farms (Richard)	1	31	\$ 120.20	Pozniak
2019-08-07	16-290	Hollingworth Farms (Richard)	1	9	\$ 22.55	Pozniak

Exams	#claims	id#	amount
13	50	\$ 672.20	
4	51	\$ 144.80	
1	52	\$ 36.20	
18		\$ 853.20	

Semen Tests	#claims	id#	amount
10	60	\$ 530.00	
8	61	\$ 300.00	
18		\$ 830.00	

Calvings	#claims	id#	amount
223	6	\$ 602.10	

2019-08-07	16-290	Hollingworth Farms (Richard)	1	1	\$	17.40
2019-08-08	16-917	Sawley, D. & B.	1	50	\$	53.00
2019-08-08	16-917	Sawley, D. & B.	1	9	\$	22.55
2019-08-08	16-973	Gibbard, D. & K.	1	50	\$	53.00
2019-08-08	16-973	Gibbard, D. & K.	1	3	\$	3.15
2019-08-08	16-425	Klassen Ranching & Klassen, D. & C.	1	50	\$	53.00
2019-08-09	16-932	Wiltse, B. & C.	1	50	\$	53.00
2019-08-09	16-932	Wiltse, B. & C.	1	3	\$	3.15
2019-08-11	16-911	Wohlgemuth, W. & M.	1	9	\$	22.55
2019-08-11	16-911	Wohlgemuth, W. & M.	1	12A	\$	93.40
2019-08-13	16-394	Brotnov, D. & B.	1	50	\$	53.00
2019-08-13	16-394	Brotnov, D. & B.	1	3	\$	3.15
2019-08-13	16-394	Brotnov, D. & B.	1	9	\$	22.55
2019-08-13	16-932	Wiltse, J.	0	98	\$	-
2019-08-16	16-475	Vetsch Farms & Vetsch, S. & L.	1	50	\$	53.00
2019-08-16	16-475	Vetsch Farms & Vetsch, S. & L.	1	51	\$	36.20
2019-08-16	16-475	Vetsch Farms & Vetsch, S. & L.	2	3	\$	6.30
2019-08-20	16-425	Klassen Ranching & Klassen, D. & C.	1	52	\$	36.20
2019-08-22	16-973	Gibbard, D. & K.	1	51	\$	36.20
2019-08-22	16-973	Gibbard, D. & K.	1	9	\$	22.55
2019-08-22	16-976	Blazing J Inc	52	6	\$	140.40
2019-08-23	16-976	Blazing J Inc & Lind, D. & C.	104	6	\$	280.80
2019-08-27	16-475	Vetsch Farms & Vesch, S. & L.	1	28	\$	56.15
2019-08-27	16-475	Vetsch Farms & Vesch, S. & L.	1	9	\$	22.55
2019-08-27	16-1030	Wiltse, J.	1	98	\$	49.05
2019-09-06	16-215	Hammon, M.*	0	56	\$	-
2019-09-09	16-990	Bar AC Ranch Ltd & Selinger, G. & C.	1	50	\$	53.00
2019-09-09	16-990	Bar AC Ranch Ltd & Selinger, G. & C.	1	3	\$	3.15
2019-09-09	16-990	Bar AC Ranch Ltd & Selinger, G. & C.	1	9	\$	22.55
2019-09-12	16-838	Tremblay, V. & S.	1	16	\$	198.65
2019-09-12	16-838	Tremblay, V. & S.	1	9	\$	22.55
2019-09-12	16-838	Tremblay, V. & S.	1	51	\$	36.20
2019-09-13	16-273	HBCR Valley Farming Co. Ltd	1	25	\$	224.80
2019-09-20	16-911	Wohlgemuth, W. & M.	51	6	\$	137.70
2019-09-20	16-1010	Dennis, S. & K.	16	6	\$	43.20
2019-09-25	16-647	Adams, D. & J.	1	17	\$	133.05
2019-09-25	16-647	Adams, D. & J.	1	9	\$	22.55
2019-09-26	16-055	Airbro Farms & Airth, T. & D.	1	25	\$	56.20
Claimlines	90		309		\$	4,462.31

Note Claim amount waiting resolution of Dr. Pozniak appeal \$ 7,789.33

Municipal District of Greenview #16

2019

2018

difference

Total Claims in First Quarter	109	\$ 23,466.52	\$ 20,601.95	
Total Claims in Second Quarter	172	\$ 28,434.47	\$ 30,688.54	
Total Claims in Third Quarter	49	\$ 4,462.31	\$ 9,711.87	
Total Claims in Fourth Quarter	134	\$40,241.32	\$ 32,157.37	25.1% (includes delayed payment Q3)
Total Claims for 2019	464	\$ 96,604.62	\$ 93,159.73	3.7%

date	number	name	#claims	id#	amount	vet	
2019-11-22	16-435	Gerwatoski, W.	255	6	\$ 688.50	Carter	
2019-11-22	16-435	Gerwatoski, W.	1	60	\$ 53.00	Carter	
2019-11-26	16-961	Murray, L.	38	6	\$ 102.60	Ericson	
2019-12-09	16-744	Golnick, L.	1	92	\$ 90.10	Gray-Mitchell	
2019-10-11	16-679	Crichton, H.	1	50	\$ 53.00	Haas	
2019-10-11	16-679	Crichton, H.	1	9	\$ 22.55	Haas	
2019-12-31	16-204	Egg Lake Range	282	6	\$ 761.40	Haas	
2019-12-11	16-204	Egg Lake Range	136	6	\$ 367.20	Wagenaar	
2019-10-22	16-887	Codan Livestock	277	6	\$ 706.35	Lowe	
2019-11-14	16-1007	Suter, M. & K.	25	6	\$ 63.75	Lowe	
2019-11-14	16-1011	Balisky, W. & A.	100	6	\$ 255.00	Lowe	
2019-04-30	16-944	George Stewart Enterprises Ltd & Ste	1	71	\$ 118.60	Pozniak	
2019-05-01	16-290	Hollingworth Farms (Richard)	1	71	\$ 118.60	Pozniak	
2019-05-06	16-917	Sawley, D. & B.	1	71	\$ 118.60	Pozniak	
2019-05-09	16-944	George Stewart Enterprises Ltd & Ste	1	31	\$ 120.20	Pozniak	
2019-05-10	16-888	Hagen, I. & M.	1	71	\$ 118.60	Pozniak	
2019-05-13	16-888	Hagen, I. & M.	1	71	\$ 118.60	Pozniak	
2019-05-14	16-597	Hebert, D.	1	31	\$ 120.20	Pozniak	
2019-05-14	16-597	Hebert, D.	1	1	\$ 17.40	Pozniak	
2019-05-14	16-597	Hebert, D.	0	31	\$ -	Pozniak	
2019-05-14	16-037	Ljunggren, J. & Sjoquist, K.	4	61	\$ 150.00	Pozniak	
2019-05-16	16-1008	Barber, S.	1	60	\$ 53.00	Pozniak	
2019-05-16	16-1008	Barber, S.	4	61	\$ 150.00	Pozniak	
2019-05-25	16-020	Loewen, T. & J.	1	81	\$ 81.10	Pozniak	
2019-05-02	16-281	Valleyview Ranch Colony	1	92	\$ 90.10	Pozniak	
2019-05-02	16-281	Valleyview Ranch Colony	1	4	\$ 6.30	Pozniak	
2019-05-27	16-651	Herr, C.	1	60	\$ 53.00	Pozniak	
2019-05-27	16-651	Herr, C.	9	61	\$ 337.50	Pozniak	
2019-05-27	16-651	Herr, C.	6	62	\$ 205.20	Pozniak	
2019-05-27	16-651	Herr, C.	3	65	\$ 37.05	Pozniak	
2019-06-05	16-475	Vetsch Farms & Vetsch, S. & L.	1	60	\$ 53.00	Pozniak	
2019-06-05	16-475	Vetsch Farms & Vetsch, S. & L.	9	61	\$ 337.50	Pozniak	
2019-06-05	16-475	Vetsch Farms & Vetsch, S. & L.	12	62	\$ 420.40	Pozniak	
2019-06-08	16-535	Hickson, B. & D.	1	60	\$ 53.00	Pozniak	
2019-06-08	16-535	Hickson, B. & D.	3	61	\$ 112.50	Pozniak	
2019-06-14	16-873	Ljunggren, M.	1	60	\$ 37.50	Pozniak	
2019-06-14	16-873	Ljunggren, M.	1	61	\$ 37.50	Pozniak	
2019-06-17	16-929	Krueger, B. & J. & Dairou, J.	1	60	\$ 53.00	Pozniak	
2019-06-17	16-929	Krueger, B. & J. & Dairou, J.	9	61	\$ 337.50	Pozniak	
2019-06-17	16-929	Krueger, B. & J. & Dairou, J.	2	65	\$ 24.70	Pozniak	
2019-06-19	16-013	Mostad, E. & L. & T.	1	60	\$ 53.00	Pozniak	
2019-06-19	16-013	Mostad, E. & L. & T.	8	61	\$ 300.00	Pozniak	
2019-06-20	16-856	Richards, F.	1	31	\$ 120.20	Pozniak	
2019-06-27	16-290	Hollingworth Farms (Richard)	1	60	\$ 53.00	Pozniak	
2019-06-27	16-290	Hollingworth Farms (Richard)	9	61	\$ 337.50	Pozniak	
2019-06-27	16-290	Hollingworth Farms (Richard)	14	62	\$ 478.80	Pozniak	

Pregnancy testing		
#claims	id#	amount
10327	6	\$27,823.15

1

Semen tests		
#claims	id#	amount

20	60	\$1,060.00
119	61	\$4,462.50
76	62	\$2,609.20
10	63	\$309.50
5	65	\$61.75
230		\$8,502.95

exams		
#claims	id#	amount
16	50	\$848.00
1	51	\$36.20
17		\$884.20

2019-07-03	16-851	Elzinga, R. & K.	1	60	\$	53.00	Pozniak
2019-07-03	16-851	Elzinga, R. & K.	9	61	\$	337.50	Pozniak
2019-07-03	16-851	Elzinga, R. & K.	1	62	\$	34.20	Pozniak
2019-07-03	16-928	Vetsch, M.	1	26	\$	65.60	Pozniak
2019-07-03	16-928	Vetsch, M.	1	3	\$	3.15	Pozniak
2019-07-03	16-928	Vetsch, M.	22	6	\$	59.40	Pozniak
2019-07-10	16-988	JD Pastures Inc & Swain, D. & J.	1	50	\$	53.00	Pozniak
2019-07-10	16-988	JD Pastures Inc & Swain, D. & J.	1	3	\$	3.15	Pozniak
2019-07-11	16-626	Lonmore Ranch Inc.	1	50	\$	53.00	Pozniak
2019-07-11	16-626	Lonmore Ranch Inc.	1	3	\$	3.15	Pozniak
2019-07-11	16-626	Lonmore Ranch Inc.	1	1	\$	17.40	Pozniak
2019-07-11	16-730	Thiessen, R.	1	60	\$	53.00	Pozniak
2019-07-11	16-730	Thiessen, R.	9	61	\$	337.50	Pozniak
2019-07-11	16-730	Thiessen, R.	1	62	\$	34.20	Pozniak
2019-07-11	16-730	Thiessen, R.	1	28	\$	23.17	Pozniak
2019-07-15	16-281	Valleyview Ranch Colony	1	50	\$	53.00	Pozniak
2019-07-15	16-281	Valleyview Ranch Colony	1	3	\$	3.15	Pozniak
2019-07-15	16-427	Ratzlaff, E. & B.	1	50	\$	53.00	Pozniak
2019-07-15	16-427	Ratzlaff, E. & B.	1	4	\$	6.30	Pozniak
2019-07-15	16-427	Ratzlaff, E. & B.	1	3	\$	3.15	Pozniak
2019-07-16	16-073	Mulligan, K. & W.	1	60	\$	53.00	Pozniak
2019-07-16	16-073	Mulligan, K. & W.	4	61	\$	150.00	Pozniak
2019-07-16	16-285	Moovers INC & Calliau, R. & F.	1	60	\$	53.00	Pozniak
2019-07-16	16-285	Moovers INC & Calliau, R. & F.	7	61	\$	262.50	Pozniak
2019-07-16	16-946	Cymbaluk, G.	1	60	\$	53.00	Pozniak
2019-07-16	16-946	Cymbaluk, G.	9	61	\$	337.50	Pozniak
2019-07-16	16-946	Cymbaluk, G.	1	62	\$	34.20	Pozniak
2019-07-20	16-1027	Werklund, S. & A.	1	71	\$	118.60	Pozniak
2019-07-29	16-921	Brochu, R. & M.	1	60	\$	53.00	Pozniak
2019-07-29	16-921	Brochu, R. & M.	6	61	\$	225.00	Pozniak
2019-09-27	16-902	Davis, B. & S.	1	50	\$	53.00	Pozniak
2019-09-27	16-902	Davis, B. & S.	1	3	\$	3.15	Pozniak
2019-09-30	16-1009	Harestad, L.	16	6	\$	43.20	Pozniak
2019-09-30	16-495	Willowdale Simmentals	121	6	\$	326.70	Pozniak
2019-10-02	16-427	Ratzlaff, E. & B.	1	50	\$	53.00	Pozniak
2019-10-02	16-427	Ratzlaff, E. & B.	1	3	\$	3.15	Pozniak
2019-10-02	16-427	Ratzlaff, E. & B.	1	9	\$	22.55	Pozniak
2019-10-03	16-745	Eaton, P.	103	6	\$	278.10	Pozniak
2019-10-07	16-734	Baldwin, B. & G.	107	6	\$	288.90	Pozniak
2019-10-07	16-495	Willowdale Simmentals	43	6	\$	116.10	Pozniak
2019-10-15	16-917	Sawley, D. & B.	33	6	\$	89.10	Pozniak
2019-10-16	16-1002	Klassen, K. & A.	1	6	\$	2.70	Pozniak
2019-10-16	16-1002	Klassen, K. & A.	1	9	\$	22.55	Pozniak
2019-10-16	16-917	Sawley, D. & B.	211	6	\$	569.70	Pozniak
2019-10-21	16-851	Elzinga, R. & K.	40	6	\$	108.00	Pozniak
2019-10-28	16-932	Wiltse, B. & C.	1	25	\$	28.10	Pozniak
2019-10-28	16-899	Baranowski, L.	23	6	\$	62.10	Pozniak
2019-10-28	16-840	Wolfe Farms & Wolfe, T.	60	6	\$	162.00	Pozniak
2019-10-30	16-054	Roschlaub, R. & M.	105	6	\$	285.05	Pozniak
2019-10-30	16-560	Simonette Livestock Ventures & Penn	62	6	\$	167.40	Pozniak
2019-10-31	16-840	Wolfe Farms & Wolfe, T.	1	60	\$	53.00	Pozniak
2019-10-31	16-840	Wolfe Farms & Wolfe, T.	1	61	\$	37.50	Pozniak
2019-09-06	16-215	Hammon, G.	1	25	\$	110.40	Pozniak
2019-11-03	16-928	Vetsch, M.	2	91	\$	119.70	Pozniak
2019-11-03	16-928	Vetsch, M.	1	25	\$	84.30	Pozniak
2019-11-04	16-888	Hagen, I. & M.	33	6	\$	89.10	Pozniak

2019-11-05	16-909	Plante, R. & H.	54	6	\$	145.80	Pozniak
2019-11-05	16-891	841943 Alberta Ltd & Mrdjenovich, N	1	91	\$	59.85	Pozniak
2019-11-07	16-407	Morrison, G.	115	6	\$	310.50	Pozniak
2019-11-12	16-928	Vetsch, M.	235	6	\$	634.50	Pozniak
2019-11-12	16-1031	Reimer, J. & B.	1	50	\$	53.00	Pozniak
2019-11-12	16-1031	Reimer, J. & B.	1	3	\$	3.15	Pozniak
2019-11-12	16-1031	Reimer, J. & B.	1	9	\$	22.55	Pozniak
2019-11-12	16-1031	Reimer, J. & B.	1	5	\$	17.55	Pozniak
2019-11-12	16-988	JD Pastures Inc & Swain, D. & J.	168	6	\$	453.60	Pozniak
2019-11-13	16-778	Klump, B.	82	6	\$	221.40	Pozniak
2019-11-22	16-991	Hills, B.	59	6	\$	159.30	Pozniak
2019-11-25	16-482	Pozniak Farms Ltd.	50	6	\$	135.00	Pozniak
2019-11-25	16-651	Herr, C.	500	6	\$	1,350.00	Pozniak
2019-11-26	16-852	Laughlin, J. & B.	45	6	\$	121.50	Pozniak
2019-11-27	16-1001	Braun, D. & L.	1	60	\$	53.00	Pozniak
2019-11-27	16-1001	Braun, D. & L.	2	61	\$	75.00	Pozniak
2019-11-27	16-1001	Braun, D. & L.	1	9	\$	22.55	Pozniak
2019-11-28	16-962	Werklund, R. & C.	147	6	\$	396.90	Pozniak
2019-11-28	16-475	Vetsch Farms & Vetsch, S. & L.	1	9	\$	22.55	Pozniak
2019-11-28	16-475	Vetsch Farms & Vetsch, S. & L.	1	26	\$	65.60	Pozniak
2019-11-28	16-475	Vetsch Farms & Vetsch, S. & L.	1	3	\$	3.15	Pozniak
2019-12-02	16-290	Hollingworth Farms (Richard)	327	6	\$	882.90	Pozniak
2019-12-03	16-475	Vetsch Farms & Vetsch, S. & L.	1	50	\$	53.00	Pozniak
2019-12-03	16-475	Vetsch Farms & Vetsch, S. & L.	1	3	\$	3.15	Pozniak
2019-12-03	16-475	Vetsch Farms & Vetsch, S. & L.	1	9	\$	22.55	Pozniak
2019-12-03	16-475	Vetsch Farms & Vetsch, S. & L.	1	5	\$	17.55	Pozniak
2019-12-03	16-290	Hollingworth Farms (Richard)	380	6	\$	1,026.00	Pozniak
2019-12-10	16-760	Clarke, C. & A.	40	6	\$	108.00	Pozniak
2019-12-10	16-390	Whiting, J. & G.	1	50	\$	53.00	Pozniak
2019-12-10	16-390	Whiting, J. & G.	1	3	\$	3.15	Pozniak
2019-12-10	16-390	Whiting, J. & G.	1	9	\$	22.55	Pozniak
2019-12-10	16-803	Melchior, J.	1	25	\$	108.65	Pozniak
2019-12-11	16-941	Chapman Farms & Chapman, B. & D.	129	6	\$	348.30	Pozniak
2019-12-12	16-969	Werklund, K. & J.	110	6	\$	297.00	Pozniak
2019-12-13	16-073	Mulligan, K. & W.	117	6	\$	315.90	Pozniak
2019-12-13	16-285	Moovers INC & Calliau, R. & F.	200	6	\$	540.00	Pozniak
2019-12-16	16-973	Gibbard, D. & K.	1	50	\$	53.00	Pozniak
2019-12-16	16-973	Gibbard, D. & K.	1	9	\$	22.55	Pozniak
2019-12-16	16-138	Triple W Simmentals	89	6	\$	240.30	Pozniak
2019-12-17	16-840	Wolfe Farms & Wolfe, T.	228	6	\$	615.60	Pozniak
2019-12-18	16-281	Valleyview Ranch Colony	442	6	\$	1,193.40	Pozniak
2019-12-20	16-932	Wiltse, B. & C.	1	92	\$	90.10	Pozniak
2019-12-20	16-948	Warkentin, H. & E.	959	6	\$	2,589.30	Pozniak
2019-12-20	16-851	Eizinga, R. & K.	223	6	\$	602.10	Pozniak
2019-12-23	16-928	Vetsch, M.	1	25	\$	28.10	Pozniak
2019-12-30	16-933	Walker, A. & B.	1	50	\$	53.00	Pozniak
2019-12-30	16-933	Walker, A. & B.	1	3	\$	3.15	Pozniak
2019-12-30	16-933	Walker, A. & B.	1	9	\$	22.55	Pozniak
2019-12-31	16-626	Lonmore Ranch Inc.	109	6	\$	294.30	Pozniak
2019-10-01	16-831	Wild Rose Peace Gate & Wulf, B.	50	6	\$	135.00	Metz
2019-11-07	16-930	Young, J.	17	6	\$	44.90	Metz
2019-11-16	16-831	Wild Rose Peace Gate & Wulf, B.	1	50	\$	53.00	Metz
2019-11-17	16-664	Dorscheid, J. & L.	185	6	\$	499.50	Metz
2019-11-22	16-829	McKie, P.	136	6	\$	367.20	Metz
2019-12-03	16-664	Dorscheid, J. & L.	1	41	\$	265.00	Metz
2019-11-22	16-708	Smith, B & Head, K.	61	6	\$	164.70	Schroer

2019-11-22	16-416	Smith, L.	26	6	\$	70.20	Schroer	
2019-11-20	16-1035	Cunningham, C.	1	9	\$	-	Adams	
2019-12-12	16-810	Mulligan, S. & K.	272	6	\$	734.40	Gibson	
2019-10-01	16-425	Klassen Ranching & Klassen,D. & C.	100	6	\$	270.00	Breker	
2019-10-01	16-359	Viravec, R. & B.	30	6	\$	81.00	Breker	
2019-10-03	16-878	Patterson, D. & K.	199	6	\$	537.30	Breker	
2019-10-07	16-055	Airbro Farms & Airth, T. & D.	1	50	\$	53.00	Breker	
2019-10-18	16-483	Stevenson, L. & M.	163	6	\$	440.10	Breker	
2019-10-22	16-483	Stevenson, L. & M.	40	6	\$	108.00	Breker	
2019-10-22	16-758	Klassen, M. & M.	1	60	\$	53.00	Breker	
2019-10-22	16-758	Klassen, M. & M.	2	6	\$	5.40	Breker	
2019-10-30	16-055	Airbro Farms & Airth, T. & D.	326	6	\$	880.20	Breker	
2019-10-30	16-055	Airbro Farms & Airth, T. & D.	1	51	\$	36.20	Breker	
2019-10-11	16-273	HBCR Valley Farming Co. Ltd	1	92	\$	53.00	Burow	
2019-10-27	16-392	Friesen, P.	1	92	\$	59.85	Burow	
2019-11-01	16-758	Klassen, M. & M.	109	6	\$	294.30	Breker	
2019-11-13	16-698	Klassen, C.	101	6	\$	272.70	Breker	
2019-11-13	16-425	Klassen Ranching & D. & C.	175	6	\$	472.50	Breker	
2019-11-19	16-955	Hynds, C.	1	50	\$	53.00	Breker	
2019-11-20	16-840	Wolfe Farms & Wolfe, T.	1	60	\$	53.00	Breker	
2019-11-20	16-840	Wolfe Farms & Wolfe, T.	9	61	\$	337.50	Breker	
2019-11-20	16-840	Wolfe Farms & Wolfe, T.	41	62	\$	1,402.20	Breker	
2019-11-20	16-840	Wolfe Farms & Wolfe, T.	10	63	\$	277.00	Breker	
2019-11-25	16-425	Klassen Ranching & D. & C.	170	6	\$	459.00	Breker	
2019-11-25	16-1002	Klassen, K. & A.	30	6	\$	81.00	Breker	
2019-11-25	16-246	Harrington, S.	60	6	\$	162.00	Breker	
2019-11-25	16-758	Klassen, M. & M.	1	28	\$	53.00	Breker	
2019-11-26	16-1000	Klassen, E.	160	6	\$	432.00	Breker	
2019-11-25	16-911	Wohlgemuth, W. & M.	1	25	\$	84.30	Burow	
2019-11-26	16-756	1941362 Alberta Ltd & Hanson, B. & J	371	6	\$	1,001.70	Burow	
2019-11-29	16-392	Friesen, P.	130	6	\$	351.00	Burow	
2019-11-20	16-840	Wolfe Farms & Wolfe, T.	0	63	\$	32.50	Breker	
2019-12-05	16-840	Wolfe Farms & Wolfe, T.	1	60	\$	53.00	Breker	
2019-12-05	16-840	Wolfe Farms & Wolfe, T.	7	61	\$	262.50	Breker	
2019-12-13	16-878	Patterson, D. & K.	1	28	\$	53.00	Breker	
2019-12-13	16-878	Patterson, D. & K.	5	6	\$	13.50	Breker	
2019-12-18	16-758	Klassen, M. & M.	1	50	\$	53.00	Breker	
2019-12-02	16-878	Patterson, D. & K.	508	6	\$	1,371.60	Burow	
claimlines			196		\$	40,241.32	VCPR	\$28.10
Total year			879					

New number

date 2019	number	#claims	id#	amount	Total
2019-06-12	16-			\$ -	\$ -
2019-07-12	16-006	1	60	\$ 53.00	\$ 53.00
2019-07-12	16-006	1	61	\$ 37.50	\$ 90.50
2019-07-12	16-006	1	9	\$ 10.58	\$ 101.08
2019-05-09	16-010	1	12A	\$ 140.10	\$ 140.10
2019-05-09	16-010	1	12B	\$ -	\$ 140.10
2019-05-09	16-010	1	9	\$ 22.55	\$ 162.65
2019-06-12	16-010	1	60	\$ 53.00	\$ 215.65
2019-06-12	16-010	2	61	\$ 75.00	\$ 290.65
2019-06-12	16-010	1	9	\$ 22.55	\$ 313.20
2019-06-19	16-013	1	60	\$ 53.00	\$ 53.00
2019-06-19	16-013	8	61	\$ 300.00	\$ 353.00
2019-06-30	16-013	1	55	\$ 59.30	\$ 412.30
2019-03-08	16-020	1	56	\$ 92.85	\$ 92.85
2019-03-08	16-020	1	10	\$ 16.25	\$ 109.10
2019-04-11	16-020	1	44	\$ 179.50	\$ 288.60
2019-04-11	16-020	1	1	\$ 17.40	\$ 306.00
2019-04-11	16-020	1	9	\$ 22.55	\$ 328.55
2019-05-25	16-020	1	50	\$ 53.00	\$ 381.55
2019-05-25	16-020	1	3	\$ 3.15	\$ 384.70
2019-05-25	16-020	1	5	\$ 17.55	\$ 402.25
2019-05-25	16-020	1	81	\$ 81.10	\$ 483.35
2019-05-14	16-037	4	61	\$ 150.00	\$ 150.00
2019-10-30	16-054	105	6	\$ 285.05	\$ 285.05
2019-02-13	16-055	1	9	\$ 22.55	\$ 22.55
2019-02-13	16-055	1	26	\$ 65.60	\$ 88.15
2019-02-13	16-055	1	3	\$ 3.15	\$ 91.30
2019-02-15	16-055	1	26	\$ 65.60	\$ 156.90
2019-02-15	16-055	1	3	\$ 3.15	\$ 160.05
2019-02-26	16-055	1	90	\$ 55.65	\$ 215.70
2019-02-26	16-055	1	9	\$ 22.55	\$ 238.25
2019-03-01	16-055	1	12	\$ 186.80	\$ 425.05
2019-03-01	16-055	1	9	\$ 22.55	\$ 447.60
2019-03-01	16-055	0	0	\$ -	\$ 447.60
2019-03-02	16-055	1	25	\$ 112.40	\$ 560.00

2019-03-13	16-055	1	60	\$	53.00	\$	613.00
2019-03-13	16-055	9	61	\$	337.50	\$	950.50
2019-03-13	16-055	2	62	\$	68.40	\$	1,018.90
2019-04-01	16-055	1	26	\$	65.60	\$	1,084.50
2019-05-01	16-055	1	26	\$	65.60	\$	1,150.10
2019-07-17	16-055	1	50	\$	53.00	\$	1,203.10
2019-09-26	16-055	1	25	\$	56.20	\$	1,259.30
2019-10-07	16-055	1	50	\$	53.00	\$	1,312.30
2019-10-30	16-055	326	6	\$	880.20	\$	2,192.50
2019-10-30	16-055	1	51	\$	36.20	\$	2,228.70
2019-05-10	16-066	1	61	\$	37.50	\$	37.50
2019-07-16	16-073	1	60	\$	53.00	\$	53.00
2019-07-16	16-073	4	61	\$	150.00	\$	203.00
2019-12-13	16-073	117	6	\$	315.90	\$	518.90
2019-03-19	16-1000	4	62	\$	136.80	\$	136.80
2019-11-26	16-1000	160	6	\$	432.00	\$	568.80
2019-02-27	16-1001	1	60	\$	53.00	\$	53.00
2019-02-27	16-1001	1	9	\$	22.05	\$	75.05
2019-02-27	16-1001	0	9	\$	0.50	\$	75.55
2019-11-27	16-1001	1	60	\$	53.00	\$	128.55
2019-11-27	16-1001	2	61	\$	75.00	\$	203.55
2019-11-27	16-1001	1	9	\$	22.55	\$	226.10
2019-03-26	16-1002	1	50	\$	53.00	\$	53.00
2019-10-16	16-1002	1	6	\$	2.70	\$	55.70
2019-10-16	16-1002	1	9	\$	22.55	\$	78.25
2019-11-25	16-1002	30	6	\$	81.00	\$	159.25
2019-11-14	16-1007	25	6	\$	63.75	\$	63.75
2019-05-16	16-1008	1	60	\$	53.00	\$	53.00
2019-05-16	16-1008	4	61	\$	150.00	\$	203.00
2019-09-30	16-1009	16	6	\$	43.20	\$	43.20
2019-05-03	16-1010	1	44	\$	179.50	\$	179.50
2019-05-03	16-1010	1	1	\$	17.40	\$	196.90
2019-05-03	16-1010	1	9	\$	22.55	\$	219.45
2019-09-20	16-1010	16	6	\$	43.20	\$	262.65
2019-11-14	16-1011	100	6	\$	255.00	\$	255.00
2019-04-04	16-1014	1	60	\$	50.50	\$	50.50

2019-04-04	16-1014	9	61	\$	319.50	\$	370.00
2019-04-04	16-1014	20	62	\$	660.00	\$	1,030.00
2019-01-23	16-1015	4	6	\$	10.12	\$	10.12
2019-05-22	16-1015	1	60	\$	53.00	\$	63.12
2019-05-22	16-1015	1	61	\$	37.50	\$	100.62
2019-03-23	16-1016	1	25	\$	56.20	\$	56.20
2019-03-29	16-1019	1	50	\$	53.00	\$	53.00
2019-03-29	16-1019	1	3	\$	3.15	\$	56.15
2019-03-29	16-1019	1	5	\$	17.55	\$	73.70
2019-03-31	16-1019	1	50	\$	53.00	\$	126.70
2019-03-31	16-1019	1	3	\$	3.15	\$	129.85
2019-03-31	16-1019	1	56	\$	92.85	\$	222.70
2019-03-31	16-1019	2	10	\$	32.50	\$	255.20
2019-03-28	16-1020	1	71	\$	118.60	\$	118.60
2019-05-02	16-1022	1	50	\$	53.00	\$	53.00
2019-05-02	16-1022	1	3	\$	3.15	\$	56.15
2019-05-02	16-1022	1	9	\$	22.55	\$	78.70
2019-06-18	16-1023	1	28	\$	45.00	\$	45.00
2019-06-18	16-1023	2	6	\$	5.10	\$	50.10
2019-06-11	16-1024	1	33	\$	74.80	\$	74.80
2019-06-11	16-1024	1	9	\$	22.55	\$	97.35
2019-07-16	16-1025	1	51	\$	36.20	\$	36.20
2019-08-01	16-1025	1	50	\$	36.20	\$	72.40
2019-05-01	16-1026	1	25	\$	56.20	\$	56.20
2019-07-20	16-1027	1	71	\$	118.60	\$	118.60
2019-08-27	16-1030	1	98	\$	49.05	\$	49.05
2019-11-12	16-1031	1	50	\$	53.00	\$	53.00
2019-11-12	16-1031	1	3	\$	3.15	\$	56.15
2019-11-12	16-1031	1	9	\$	22.55	\$	78.70
2019-11-12	16-1031	1	5	\$	17.55	\$	96.25
2019-11-20	16-1035	1	9	\$	-	\$	-
2019-04-26	16-138	1	41	\$	265.00	\$	265.00
2019-12-16	16-138	89	6	\$	240.30	\$	505.30
2019-06-18	16-14	1	60	\$	53.00	\$	53.00
2019-06-18	16-14	1	61	\$	37.50	\$	90.50
2019-06-18	16-14	1	9	\$	22.55	\$	113.05

2019-05-17	16-204	1	81	\$	81.10	\$	81.10
2019-05-17	16-204	1	9	\$	22.55	\$	103.65
2019-05-22	16-204	1	71	\$	118.60	\$	222.25
2019-06-13	16-204	1	60	\$	53.00	\$	275.25
2019-06-13	16-204	9	61	\$	337.50	\$	612.75
2019-06-13	16-204	9	62	\$	307.80	\$	920.55
2019-12-11	16-204	136	6	\$	367.20	\$	1,287.75
2019-12-31	16-204	282	6	\$	761.40	\$	2,049.15
2019-09-06	16-215	0	56	\$	-	\$	-
2019-09-06	16-215	1	25	\$	110.40	\$	110.40
2019-02-14	16-246	1	41	\$	265.00	\$	265.00
2019-02-18	16-246	1	41	\$	265.00	\$	530.00
2019-11-25	16-246	60	6	\$	162.00	\$	692.00
2018-12-19	16-273	1	25	\$	112.40	\$	112.40
2019-01-02	16-273	180	6	\$	486.00	\$	598.40
2019-01-29	16-273	1	13	\$	126.00	\$	724.40
2019-02-11	16-273	1	41	\$	265.00	\$	989.40
2019-02-11	16-273	1	9	\$	22.55	\$	1,011.95
2019-02-13	16-273	1	25	\$	168.60	\$	1,180.55
2019-02-19	16-273	1	41	\$	265.00	\$	1,445.55
2019-02-19	16-273	1	9	\$	22.55	\$	1,468.10
2019-03-13	16-273	20	6	\$	54.00	\$	1,522.10
2019-03-13	16-273	1	60	\$	53.00	\$	1,575.10
2019-05-03	16-273	1	9	\$	22.55	\$	1,597.65
2019-05-03	16-273	1	26	\$	65.60	\$	1,663.25
2019-05-03	16-273	1	3	\$	3.15	\$	1,666.40
2019-05-29	16-273	1	60	\$	53.00	\$	1,719.40
2019-05-29	16-273	9	61	\$	337.50	\$	2,056.90
2019-05-29	16-273	18	62	\$	615.60	\$	2,672.50
2019-05-29	16-273	0	25	\$	-	\$	2,672.50
2019-05-29	16-273	1	25	\$	84.30	\$	2,756.80
2019-06-06	16-273	1	25	\$	112.40	\$	2,869.20
2019-07-30	16-273	1	15	\$	115.95	\$	2,985.15
2019-07-30	16-273	1	9	\$	22.55	\$	3,007.70
2019-09-13	16-273	1	25	\$	224.80	\$	3,232.50
2019-10-11	16-273	1	92	\$	53.00	\$	3,285.50

2019-03-01	16-281	1	13B	\$	56.20	\$ 56.20
2019-03-01	16-281	1	9	\$	22.55	\$ 78.75
2019-03-26	16-281	1	41	\$	265.00	\$ 343.75
2019-03-29	16-281	1	9	\$	22.55	\$ 366.30
2019-03-29	16-281	1	60	\$	53.00	\$ 419.30
2019-03-29	16-281	9	61	\$	337.50	\$ 756.80
2019-03-29	16-281	10	62	\$	342.00	\$ 1,098.80
2019-03-29	16-281	1	65	\$	12.35	\$ 1,111.15
2019-04-03	16-281	1	9	\$	22.55	\$ 1,133.70
2019-04-03	16-281	1	26	\$	65.60	\$ 1,199.30
2019-04-03	16-281	1	3	\$	3.15	\$ 1,202.45
2019-04-04	16-281	1	45	\$	212.00	\$ 1,414.45
2019-04-04	16-281	1	1	\$	17.40	\$ 1,431.85
2019-04-10	16-281	1	41	\$	265.00	\$ 1,696.85
2019-04-26	16-281	1	60	\$	53.00	\$ 1,749.85
2019-04-26	16-281	2	61	\$	75.00	\$ 1,824.85
2019-04-26	16-281	1	65	\$	12.35	\$ 1,837.20
2019-04-26	16-281	1	9	\$	22.55	\$ 1,859.75
2019-04-30	16-281	1	50	\$	53.00	\$ 1,912.75
2019-04-30	16-281	1	3	\$	3.15	\$ 1,915.90
2019-05-02	16-281	1	56	\$	92.85	\$ 2,008.75
2019-05-02	16-281	2	10	\$	32.50	\$ 2,041.25
2019-05-02	16-281	1	92	\$	90.10	\$ 2,131.35
2019-05-02	16-281	1	4	\$	6.30	\$ 2,137.65
2019-06-02	16-281	1	44	\$	179.50	\$ 2,317.15
2019-06-02	16-281	1	9	\$	22.55	\$ 2,339.70
2019-06-05	16-281	1	9	\$	22.55	\$ 2,362.25
2019-06-05	16-281	1	26	\$	65.60	\$ 2,427.85
2019-06-05	16-281	1	3	\$	3.15	\$ 2,431.00
2019-06-08	16-281	1	56	\$	92.85	\$ 2,523.85
2019-06-08	16-281	1	10	\$	16.25	\$ 2,540.10
2019-06-08	16-281	1	56	\$	92.85	\$ 2,632.95
2019-06-08	16-281	2	10	\$	32.50	\$ 2,665.45
2019-06-09	16-281	1	56	\$	92.85	\$ 2,758.30
2019-06-09	16-281	1	10	\$	16.25	\$ 2,774.55
2019-06-11	16-281	1	13A	\$	63.00	\$ 2,837.55

2019-06-11	16-281	1	9	\$	22.55	\$	2,860.10
2019-06-11	16-281	1	45	\$	212.00	\$	3,072.10
2019-06-11	16-281	1	1	\$	17.40	\$	3,089.50
2019-06-11	16-281	1	9	\$	22.55	\$	3,112.05
2019-06-11	16-281	1	13B	\$	25.95	\$	3,138.00
2019-06-15	16-281	1	56	\$	92.85	\$	3,230.85
2019-06-15	16-281	2	10	\$	32.50	\$	3,263.35
2019-07-15	16-281	1	50	\$	53.00	\$	3,316.35
2019-07-15	16-281	1	3	\$	3.15	\$	3,319.50
2019-07-19	16-281	1	50	\$	53.00	\$	3,372.50
2019-07-19	16-281	1	3	\$	3.15	\$	3,375.65
2019-07-19	16-281	1	9	\$	22.55	\$	3,398.20
2019-07-29	16-281	1	60	\$	53.00	\$	3,451.20
2019-07-29	16-281	1	9	\$	22.55	\$	3,473.75
2019-12-18	16-281	442	6	\$	1,193.40	\$	4,667.15
2019-01-03	16-285	138	6	\$	372.60	\$	372.60
2019-04-13	16-285	1	26	\$	65.60	\$	438.20
2019-04-13	16-285	1	3	\$	3.15	\$	441.35
2019-05-12	16-285	1	56	\$	92.85	\$	534.20
2019-05-12	16-285	2	10	\$	32.50	\$	566.70
2019-06-16	16-285	1	90	\$	55.65	\$	622.35
2019-07-16	16-285	1	60	\$	53.00	\$	675.35
2019-07-16	16-285	7	61	\$	262.50	\$	937.85
2019-07-26	16-285	1	90	\$	55.65	\$	993.50
2019-12-13	16-285	200	6	\$	540.00	\$	1,533.50
2019-02-06	16-286	0	50	\$	-	\$	-
2019-02-06	16-286	0	3	\$	-	\$	-
2019-02-06	16-286	0	4	\$	-	\$	-
2019-01-04	16-290	310	6	\$	837.00	\$	837.00
2019-01-11	16-290	429	6	\$	1,158.30	\$	1,995.30
2019-04-21	16-290	1	31	\$	120.20	\$	2,115.50
2019-04-21	16-290	1	9	\$	22.55	\$	2,138.05
2019-04-21	16-290	1	1	\$	17.40	\$	2,155.45
2019-04-30	16-290	1	56	\$	92.85	\$	2,248.30
2019-04-30	16-290	1	10	\$	16.25	\$	2,264.55
2019-05-01	16-290	1	71	\$	118.60	\$	2,383.15

2019-05-03	16-290	1	50	\$	53.00	\$	2,436.15
2019-05-03	16-290	1	3	\$	3.15	\$	2,439.30
2019-05-03	16-290	1	9	\$	22.55	\$	2,461.85
2019-05-03	16-290	1	5	\$	17.55	\$	2,479.40
2019-05-05	16-290	1	31	\$	120.20	\$	2,599.60
2019-05-05	16-290	1	9	\$	22.55	\$	2,622.15
2019-05-05	16-290	1	1	\$	17.40	\$	2,639.55
2019-05-17	16-290	1	50	\$	53.00	\$	2,692.55
2019-05-17	16-290	1	3	\$	3.15	\$	2,695.70
2019-05-17	16-290	1	9	\$	22.55	\$	2,718.25
2019-05-17	16-290	1	5	\$	17.55	\$	2,735.80
2019-06-27	16-290	1	60	\$	53.00	\$	2,788.80
2019-06-27	16-290	9	61	\$	337.50	\$	3,126.30
2019-06-27	16-290	14	62	\$	478.80	\$	3,605.10
2019-08-07	16-290	1	31	\$	120.20	\$	3,725.30
2019-08-07	16-290	1	9	\$	22.55	\$	3,747.85
2019-08-07	16-290	1	1	\$	17.40	\$	3,765.25
2019-12-02	16-290	327	6	\$	882.90	\$	4,648.15
2019-12-03	16-290	380	6	\$	1,026.00	\$	5,674.15
2019-03-23	16-298	1	25	\$	56.20	\$	56.20
2019-04-24	16-356	1	41	\$	265.00	\$	265.00
2019-03-12	16-359	1	50	\$	53.00	\$	53.00
2019-05-23	16-359	1	60	\$	53.00	\$	106.00
2019-05-23	16-359	2	61	\$	75.00	\$	181.00
2019-10-01	16-359	30	6	\$	81.00	\$	262.00
2019-06-05	16-390	1	50	\$	53.00	\$	53.00
2019-06-05	16-390	1	3	\$	3.15	\$	56.15
2019-06-05	16-390	1	9	\$	22.55	\$	78.70
2019-12-10	16-390	1	50	\$	53.00	\$	131.70
2019-12-10	16-390	1	3	\$	3.15	\$	134.85
2019-12-10	16-390	1	9	\$	22.55	\$	157.40
2019-10-27	16-392	1	92	\$	59.85	\$	59.85
2019-11-29	16-392	130	6	\$	351.00	\$	410.85
2019-08-13	16-394	1	50	\$	53.00	\$	53.00
2019-08-13	16-394	1	3	\$	3.15	\$	56.15
2019-08-13	16-394	1	9	\$	22.55	\$	78.70

2019-03-23	16-396	1	31	\$	120.20	\$	120.20
2019-03-23	16-396	1	9	\$	22.55	\$	142.75
2019-03-23	16-396	1	1	\$	17.40	\$	160.15
2019-04-23	16-396	1	81	\$	81.10	\$	241.25
2019-04-23	16-396	1	9	\$	22.55	\$	263.80
2019-03-09	16-407	1	71	\$	118.60	\$	118.60
2019-03-21	16-407	1	31	\$	120.20	\$	238.80
2019-03-25	16-407	1	71	\$	118.60	\$	357.40
2019-04-18	16-407	1	60	\$	53.00	\$	410.40
2019-04-18	16-407	1	61	\$	37.50	\$	447.90
2019-04-18	16-407	1	9	\$	22.55	\$	470.45
2019-05-17	16-407	1	60	\$	53.00	\$	523.45
2019-05-17	16-407	1	9	\$	22.55	\$	546.00
2019-11-07	16-407	115	6	\$	310.50	\$	856.50
2019-04-16	16-416	1	41	\$	265.00	\$	265.00
2019-05-22	16-416	1	60	\$	53.00	\$	318.00
2019-05-22	16-416	6	61	\$	112.50	\$	430.50
2019-11-22	16-416	26	6	\$	70.20	\$	500.70
2019-04-20	16-420	1	56	\$	92.85	\$	92.85
2019-05-03	16-420	1	56	\$	92.85	\$	185.70
2019-05-03	16-420	2	10	\$	32.50	\$	218.20
2019-05-04	16-420	1	56	\$	92.85	\$	311.05
2019-05-04	16-420	1	10	\$	16.25	\$	327.30
2019-05-06	16-420	1	56	\$	92.85	\$	420.15
2019-05-06	16-420	2	10	\$	32.50	\$	452.65
2019-05-08	16-420	1	56	\$	92.85	\$	545.50
2019-05-08	16-420	2	10	\$	32.50	\$	578.00
2019-01-29	16-425	1	25	\$	112.40	\$	112.40
2019-03-19	16-425	1	60	\$	53.00	\$	165.40
2019-03-19	16-425	6	61	\$	337.50	\$	502.90
2019-03-19	16-425	5	62	\$	171.00	\$	673.90
2019-06-25	16-425	1	90	\$	55.65	\$	729.55
2019-08-08	16-425	1	50	\$	53.00	\$	782.55
2019-08-20	16-425	1	52	\$	36.20	\$	818.75
2019-10-01	16-425	100	6	\$	270.00	\$	1,088.75
2019-11-13	16-425	175	6	\$	472.50	\$	1,561.25

2019-11-25	16-425	170	6	\$	459.00	\$	2,020.25
2019-06-12	16-427	1	60	\$	53.00	\$ 53.00	
2019-06-12	16-427	1	9	\$	22.55	\$	75.55
2019-07-15	16-427	1	50	\$	53.00	\$	128.55
2019-07-15	16-427	1	4	\$	6.30	\$	134.85
2019-07-15	16-427	1	3	\$	3.15	\$	138.00
2019-10-02	16-427	1	50	\$	53.00	\$	191.00
2019-10-02	16-427	1	3	\$	3.15	\$	194.15
2019-10-02	16-427	1	9	\$	22.55	\$	216.70
2019-03-26	16-435	1	31	\$	120.20	\$ 120.20	
2019-03-26	16-435	1	9	\$	22.55	\$	142.75
2019-03-26	16-435	1	1	\$	17.40	\$	160.15
2019-05-08	16-435	1	60	\$	53.00	\$	213.15
2019-05-08	16-435	8	61	\$	300.00	\$	513.15
2019-11-22	16-435	255	6	\$	688.50	\$	1,201.65
2019-11-22	16-435	1	60	\$	53.00	\$	1,254.65
2019-05-24	16-442	1	97	\$	40.15	\$ 40.15	
2019-05-24	16-442	1	9	\$	22.55	\$	62.70
2019-07-15	16-442	1	60	\$	53.00	\$	115.70
2019-07-15	16-442	1	9	\$	22.55	\$	138.25
2019-03-27	16-454	1	71	\$	118.60	\$ 118.60	
2019-06-10	16-458	1	60	\$	53.00	\$ 53.00	
2019-06-10	16-458	1	61	\$	37.50	\$	90.50
2019-06-10	16-458	1	9	\$	22.55	\$	113.05
2019-06-10	16-458	1	28	\$	44.25	\$	157.30
2019-07-02	16-465	1	50	\$	53.00	\$ 53.00	
2019-07-02	16-465	1	3	\$	3.15	\$	56.15
2019-07-26	16-465	1	50	\$	53.00	\$	109.15
2019-07-26	16-465	1	3	\$	3.15	\$	112.30
2019-07-26	16-465	1	9	\$	22.55	\$	134.85
2019-03-15	16-474	1	44	\$	179.50	\$ 179.50	
2019-03-15	16-474	1	9	\$	22.55	\$	202.05
2019-03-26	16-474	1	60	\$	53.00	\$	255.05
2019-03-26	16-474	1	61	\$	37.50	\$	292.55
2019-03-26	16-474	1	9	\$	22.55	\$	315.10
2019-05-08	16-474	1	41	\$	265.00	\$	580.10

2019-05-08	16-474	1	9	\$	22.55	\$	602.65
2019-02-04	16-475	1	50	\$	53.00	\$	53.00
2019-02-04	16-475	1	3	\$	3.15	\$	56.15
2019-02-04	16-475	1	9	\$	22.55	\$	78.70
2019-02-27	16-475	1	50	\$	53.00	\$	131.70
2019-05-13	16-475	1	9	\$	22.55	\$	154.25
2019-05-13	16-475	1	26	\$	65.60	\$	219.85
2019-05-13	16-475	1	3	\$	3.15	\$	223.00
2019-05-15	16-475	1	50	\$	53.00	\$	276.00
2019-05-15	16-475	1	3	\$	3.15	\$	279.15
2019-05-15	16-475	1	9	\$	22.55	\$	301.70
2019-05-15	16-475	1	51	\$	36.20	\$	337.90
2019-05-28	16-475	0	12	\$	-	\$	337.90
2019-06-05	16-475	1	60	\$	53.00	\$	390.90
2019-06-05	16-475	9	61	\$	337.50	\$	728.40
2019-06-05	16-475	12	62	\$	420.40	\$	1,148.80
2019-08-16	16-475	1	50	\$	53.00	\$	1,201.80
2019-08-16	16-475	1	51	\$	36.20	\$	1,238.00
2019-08-16	16-475	2	3	\$	6.30	\$	1,244.30
2019-08-27	16-475	1	28	\$	56.15	\$	1,300.45
2019-08-27	16-475	1	9	\$	22.55	\$	1,323.00
2019-11-28	16-475	1	9	\$	22.55	\$	1,345.55
2019-11-28	16-475	1	26	\$	65.60	\$	1,411.15
2019-11-28	16-475	1	3	\$	3.15	\$	1,414.30
2019-12-03	16-475	1	50	\$	53.00	\$	1,467.30
2019-12-03	16-475	1	3	\$	3.15	\$	1,470.45
2019-12-03	16-475	1	9	\$	22.55	\$	1,493.00
2019-12-03	16-475	1	5	\$	17.55	\$	1,510.55
2019-11-25	16-482	50	6	\$	135.00	\$	135.00
2019-03-26	16-483	1	60	\$	53.00	\$	53.00
2019-03-26	16-483	7	61	\$	262.50	\$	315.50
2019-04-17	16-483	1	60	\$	53.00	\$	368.50
2019-10-18	16-483	163	6	\$	440.10	\$	808.60
2019-10-22	16-483	40	6	\$	108.00	\$	916.60
2019-01-14	16-487	147	6	\$	396.90	\$	396.90
2019-06-19	16-493	1	60	\$	53.00	\$	53.00

2019-06-19	16-493	5	61	\$	187.50	\$	240.50
2019-02-28	16-495	1	60	\$	53.00	\$	53.00
2019-02-28	16-495	9	61	\$	337.50	\$	390.50
2019-02-28	16-495	27	62	\$	923.40	\$	1,313.90
2019-03-05	16-495	1	60	\$	53.00	\$	1,366.90
2019-03-05	16-495	9	61	\$	337.50	\$	1,704.40
2019-03-05	16-495	1	62	\$	34.20	\$	1,738.60
2019-03-21	16-495	1	50	\$	53.00	\$	1,791.60
2019-03-30	16-495	1	56	\$	92.85	\$	1,884.45
2019-03-30	16-495	1	10	\$	16.25	\$	1,900.70
2019-04-01	16-495	1	60	\$	53.00	\$	1,953.70
2019-04-01	16-495	2	19	\$	313.30	\$	2,267.00
2019-04-01	16-495	1	9	\$	22.55	\$	2,289.55
2019-04-17	16-495	1	60	\$	53.00	\$	2,342.55
2019-04-17	16-495	9	61	\$	337.50	\$	2,680.05
2019-04-17	16-495	1	62	\$	34.20	\$	2,714.25
2019-09-30	16-495	121	6	\$	326.70	\$	3,040.95
2019-10-07	16-495	43	6	\$	116.10	\$	3,157.05
2019-06-08	16-524	2	61	\$	75.00	\$	75.00
2019-06-20	16-524	1	60	\$	53.00	\$	128.00
2019-06-20	16-524	1	61	\$	75.00	\$	203.00
2019-06-20	16-524	1	9	\$	22.55	\$	225.55
2019-06-08	16-535	1	60	\$	53.00	\$	53.00
2019-06-08	16-535	3	61	\$	112.50	\$	165.50
2019-06-03	16-550	1	50	\$	53.00	\$	53.00
2019-06-03	16-550	1	3	\$	3.15	\$	56.15
2019-06-03	16-550	1	9	\$	22.55	\$	78.70
2019-04-13	16-559	1	31	\$	120.20	\$	120.20
2019-04-13	16-559	1	1	\$	17.40	\$	137.60
2019-01-25	16-560	156	6	\$	421.20	\$	421.20
2019-03-04	16-560	1	50	\$	53.00	\$	474.20
2019-03-04	16-560	1	4	\$	6.30	\$	480.50
2019-03-04	16-560	1	3	\$	3.15	\$	483.65
2019-10-30	16-560	62	6	\$	167.40	\$	651.05
2019-04-18	16-573	1	56	\$	92.85	\$	92.85
2019-04-18	16-573	1	10	\$	16.25	\$	109.10

2019-03-20	16-597	1	81	\$	81.10	\$	81.10
2019-05-14	16-597	1	31	\$	120.20	\$	201.30
2019-05-14	16-597	1	1	\$	17.40	\$	218.70
2019-05-14	16-597	0	31	\$	-	\$	218.70
2019-05-01	16-603	0	25	\$	-	\$	-
2019-06-17	16-626	1	60	\$	53.00	\$	53.00
2019-06-17	16-626	1	9	\$	22.55	\$	75.55
2019-07-11	16-626	1	50	\$	53.00	\$	128.55
2019-07-11	16-626	1	3	\$	3.15	\$	131.70
2019-07-11	16-626	1	1	\$	17.40	\$	149.10
2019-12-31	16-626	109	6	\$	294.30	\$	443.40
2019-03-01	16-647	1	31	\$	120.20	\$	120.20
2019-03-01	16-647	1	9	\$	22.55	\$	142.75
2019-03-01	16-647	1	1	\$	17.40	\$	160.15
2019-05-14	16-647	1	9	\$	22.55	\$	182.70
2019-05-14	16-647	1	50	\$	53.00	\$	235.70
2019-09-25	16-647	1	17	\$	133.05	\$	368.75
2019-09-25	16-647	1	9	\$	22.55	\$	391.30
2019-05-27	16-651	1	60	\$	53.00	\$	53.00
2019-05-27	16-651	9	61	\$	337.50	\$	390.50
2019-05-27	16-651	6	62	\$	205.20	\$	595.70
2019-05-27	16-651	3	65	\$	37.05	\$	632.75
2019-07-04	16-651	1	60	\$	53.00	\$	685.75
2019-07-04	16-651	2	61	\$	75.00	\$	760.75
2019-07-04	16-651	1	9	\$	22.55	\$	783.30
2019-11-25	16-651	500	6	\$	1,350.00	\$	2,133.30
2019-02-27	16-664	14	6	\$	37.80	\$	37.80
2019-04-05	16-664	1	60	\$	53.00	\$	90.80
2019-04-05	16-664	3	61	\$	112.50	\$	203.30
2019-04-05	16-664	1	9	\$	22.55	\$	225.85
2019-05-14	16-664	1	81	\$	81.10	\$	306.95
2019-11-17	16-664	185	6	\$	499.50	\$	806.45
2019-12-03	16-664	1	41	\$	265.00	\$	1,071.45
2019-03-12	16-679	82	6	\$	221.40	\$	221.40
2019-10-11	16-679	1	50	\$	53.00	\$	274.40
2019-10-11	16-679	1	9	\$	22.55	\$	296.95

2019-04-27	16-682	1	31	\$	120.20	\$	120.20
2019-04-27	16-682	1	9	\$	22.55	\$	142.75
2019-04-27	16-682	1	1	\$	17.40	\$	160.15
2019-02-04	16-698	1	41	\$	265.00	\$	265.00
2019-02-04	16-698	1	9	\$	22.55	\$	287.55
2019-03-02	16-698	1	50	\$	53.00	\$	340.55
2019-03-28	16-698	1	60	\$	53.00	\$	393.55
2019-03-28	16-698	4	61	\$	150.00	\$	543.55
2019-11-13	16-698	101	6	\$	272.70	\$	816.25
2019-01-22	16-708	30	6	\$	75.90	\$	75.90
2019-01-22	16-708	1	13A	\$	60.00	\$	135.90
2019-05-22	16-708	1	60	\$	53.00	\$	188.90
2019-05-22	16-708	9	61	\$	337.50	\$	526.40
2019-05-22	16-708	8	62	\$	273.60	\$	800.00
2019-11-22	16-708	61	6	\$	164.70	\$	964.70
2019-05-16	16-720	2	56	\$	185.70	\$	185.70
2019-05-16	16-720	2	10	\$	32.50	\$	218.20
2019-01-29	16-726	1	16	\$	198.65	\$	198.65
2019-01-29	16-726	1	9	\$	22.55	\$	221.20
2019-04-10	16-730	1	50	\$	53.00	\$	53.00
2019-04-10	16-730	1	3	\$	3.15	\$	56.15
2019-04-10	16-730	1	9	\$	22.55	\$	78.70
2019-05-17	16-730	1	50	\$	53.00	\$	131.70
2019-07-11	16-730	1	60	\$	53.00	\$	184.70
2019-07-11	16-730	9	61	\$	337.50	\$	522.20
2019-07-11	16-730	1	62	\$	34.20	\$	556.40
2019-07-11	16-730	1	28	\$	23.17	\$	579.57
2019-04-05	16-734	2	90	\$	111.30	\$	111.30
2019-04-05	16-734	1	9	\$	22.55	\$	133.85
2019-04-29	16-734	1	25	\$	56.20	\$	190.05
2019-06-25	16-734	1	56	\$	92.85	\$	282.90
2019-06-25	16-734	2	10	\$	32.50	\$	315.40
2019-07-10	16-734	1	31	\$	120.20	\$	435.60
2019-07-10	16-734	1	9	\$	22.55	\$	458.15
2019-07-10	16-734	1	1	\$	17.40	\$	475.55
2019-10-07	16-734	107	6	\$	288.90	\$	764.45

2019-03-20	16-739	1	50	\$	53.00	\$	53.00
2019-03-20	16-739	1	3	\$	3.15	\$	56.15
2019-03-20	16-739	1	9	\$	22.55	\$	78.70
2019-12-09	16-744	1	92	\$	90.10	\$	90.10
2019-05-10	16-745	1	13A	\$	63.00	\$	63.00
2019-05-10	16-745	1	13B	\$	-	\$	63.00
2019-05-10	16-745	1	9	\$	22.55	\$	85.55
2019-10-03	16-745	103	6	\$	278.10	\$	363.65
2019-05-20	16-756	1	41	\$	265.00	\$	265.00
2019-06-20	16-756	1	60	\$	53.00	\$	318.00
2019-06-20	16-756	9	61	\$	337.50	\$	655.50
2019-06-20	16-756	5	62	\$	171.00	\$	826.50
2019-11-26	16-756	371	6	\$	1,001.70	\$	1,828.20
2019-07-18	16-757	1	60	\$	53.00	\$	53.00
2019-07-18	16-757	1	61	\$	37.50	\$	90.50
2019-07-22	16-757	1	60	\$	53.00	\$	143.50
2019-07-22	16-757	1	9	\$	22.55	\$	166.05
2019-01-29	16-758	1	50	\$	53.00	\$	53.00
2019-01-29	16-758	2	65	\$	24.70	\$	77.70
2019-02-21	16-758	1	60	\$	53.00	\$	130.70
2019-02-21	16-758	9	61	\$	337.50	\$	468.20
2019-02-21	16-758	15	62	\$	513.00	\$	981.20
2019-03-02	16-758	1	60	\$	53.00	\$	1,034.20
2019-03-02	16-758	8	61	\$	300.00	\$	1,334.20
2019-03-02	16-758	1	25	\$	28.10	\$	1,362.30
2019-03-09	16-758	1	41	\$	265.00	\$	1,627.30
2019-03-09	16-758	1	9	\$	22.55	\$	1,649.85
2019-03-26	16-758	1	19	\$	156.65	\$	1,806.50
2019-03-26	16-758	1	60	\$	53.00	\$	1,859.50
2019-03-26	16-758	1	25	\$	56.20	\$	1,915.70
2019-04-01	16-758	1	60	\$	53.00	\$	1,968.70
2019-04-01	16-758	2	61	\$	75.00	\$	2,043.70
2019-04-26	16-758	1	60	\$	53.00	\$	2,096.70
2019-04-26	16-758	3	61	\$	112.50	\$	2,209.20
2019-05-03	16-758	1	9	\$	22.55	\$	2,231.75
2019-05-03	16-758	1	35	\$	138.80	\$	2,370.55

2019-06-13	16-758	1	60	\$	53.00	\$	2,423.55
2019-06-13	16-758	2	61	\$	75.00	\$	2,498.55
2019-10-22	16-758	1	60	\$	53.00	\$	2,551.55
2019-10-22	16-758	2	6	\$	5.40	\$	2,556.95
2019-11-01	16-758	109	6	\$	294.30	\$	2,851.25
2019-11-25	16-758	1	28	\$	53.00	\$	2,904.25
2019-12-18	16-758	1	50	\$	53.00	\$	2,957.25
2019-05-24	16-760	1	50	\$	53.00	\$	53.00
2019-12-10	16-760	40	6	\$	108.00	\$	161.00
2019-03-28	16-762	1	31	\$	120.20	\$	120.20
2019-06-19	16-762	1	60	\$	53.00	\$	173.20
2019-06-19	16-762	4	61	\$	150.00	\$	323.20
2019-11-13	16-778	82	6	\$	221.40	\$	221.40
2019-04-02	16-784	1	71	\$	118.60	\$	118.60
2019-04-26	16-793	1	60	\$	53.00	\$	53.00
2019-04-26	16-793	1	61	\$	37.50	\$	90.50
2019-04-26	16-793	1	9	\$	22.55	\$	113.05
2019-06-26	16-793	1	41	\$	265.00	\$	378.05
2019-06-26	16-793	1	9	\$	22.55	\$	400.60
2019-07-29	16-793	0	18	\$	-	\$	400.60
2019-04-07	16-795	1	31	\$	120.20	\$	120.20
2019-05-23	16-798	1	41	\$	265.00	\$	265.00
2019-05-23	16-798	1	9	\$	22.55	\$	287.55
2019-05-26	16-798	1	41	\$	265.00	\$	552.55
2019-05-26	16-798	1	9	\$	22.55	\$	575.10
2019-12-10	16-803	1	25	\$	108.65	\$	108.65
2019-06-08	16-810	1	26	\$	65.60	\$	65.60
2019-06-19	16-810	1	60	\$	53.00	\$	118.60
2019-06-19	16-810	9	61	\$	337.50	\$	456.10
2019-12-12	16-810	272	6	\$	734.40	\$	1,190.50
2019-01-02	16-815	98	6	\$	264.60	\$	264.60
2019-06-26	16-815	1	60	\$	53.00	\$	317.60
2019-06-26	16-815	4	61	\$	150.00	\$	467.60
2019-04-27	16-818	1	31	\$	120.20	\$	120.20
2019-04-27	16-818	1	9	\$	22.55	\$	142.75
2019-04-27	16-818	1	1	\$	17.40	\$	160.15

2019-05-28	16-818	1	60	\$	53.00	\$	213.15
2019-05-28	16-818	2	61	\$	75.00	\$	288.15
2019-05-28	16-818	1	9	\$	22.55	\$	310.70
2019-03-27	16-829	1	25	\$	56.20	\$	56.20
2019-04-04	16-829	1	81	\$	81.10	\$	137.30
2019-04-04	16-829	1	9	\$	22.55	\$	159.85
2019-05-14	16-829	1	60	\$	53.00	\$	212.85
2019-05-14	16-829	11	61	\$	412.50	\$	625.35
2019-11-22	16-829	136	6	\$	367.20	\$	992.55
2019-06-03	16-831	1	9	\$	22.55	\$	22.55
2019-06-03	16-831	1	60	\$	53.00	\$	75.55
2019-06-03	16-831	5	61	\$	187.50	\$	263.05
2019-06-03	16-831	1	65	\$	12.35	\$	275.40
2019-07-30	16-831	1	45	\$	212.00	\$	487.40
2019-07-30	16-831	1	1	\$	17.40	\$	504.80
2019-07-30	16-831	1	9	\$	22.55	\$	527.35
2019-10-01	16-831	50	6	\$	135.00	\$	662.35
2019-11-16	16-831	1	50	\$	53.00	\$	715.35
2019-04-13	16-838	1	50	\$	53.00	\$	53.00
2019-04-13	16-838	1	3	\$	3.15	\$	56.15
2019-04-13	16-838	1	4	\$	6.30	\$	62.45
2019-05-09	16-838	1	83	\$	53.00	\$	115.45
2019-09-12	16-838	1	16	\$	198.65	\$	314.10
2019-09-12	16-838	1	9	\$	22.55	\$	336.65
2019-09-12	16-838	1	51	\$	36.20	\$	372.85
2019-02-28	16-840	1	60	\$	53.00	\$	53.00
2019-02-28	16-840	4	61	\$	150.00	\$	203.00
2019-02-28	16-840	1	65	\$	12.35	\$	215.35
2019-02-28	16-840	4	6	\$	10.80	\$	226.15
2019-04-08	16-840	1	60	\$	53.00	\$	279.15
2019-04-08	16-840	5	61	\$	187.50	\$	466.65
2019-04-08	16-840	70	6	\$	189.00	\$	655.65
2019-04-09	16-840	1	31	\$	120.20	\$	775.85
2019-06-05	16-840	1	60	\$	53.00	\$	828.85
2019-06-05	16-840	1	9	\$	22.55	\$	851.40
2019-10-28	16-840	60	6	\$	162.00	\$	1,013.40

2019-10-31	16-840	1	60	\$	53.00	\$	1,066.40
2019-10-31	16-840	1	61	\$	37.50	\$	1,103.90
2019-11-20	16-840	1	60	\$	53.00	\$	1,156.90
2019-11-20	16-840	9	61	\$	337.50	\$	1,494.40
2019-11-20	16-840	41	62	\$	1,402.20	\$	2,896.60
2019-11-20	16-840	10	63	\$	277.00	\$	3,173.60
2019-11-20	16-840	0	63	\$	32.50	\$	3,206.10
2019-12-05	16-840	1	60	\$	53.00	\$	3,259.10
2019-12-05	16-840	7	61	\$	262.50	\$	3,521.60
2019-12-17	16-840	228	6	\$	615.60	\$	4,137.20
2019-04-04	16-851	1	50	\$	53.00	\$	53.00
2019-04-04	16-851	1	3	\$	3.15	\$	56.15
2019-04-04	16-851	1	9	\$	22.55	\$	78.70
2019-05-17	16-851	1	74	\$	62.45	\$	141.15
2019-05-17	16-851	1	9	\$	22.55	\$	163.70
2019-07-03	16-851	1	60	\$	53.00	\$	216.70
2019-07-03	16-851	9	61	\$	337.50	\$	554.20
2019-07-03	16-851	1	62	\$	34.20	\$	588.40
2019-10-21	16-851	40	6	\$	108.00	\$	696.40
2019-12-20	16-851	223	6	\$	602.10	\$	1,298.50
2019-11-26	16-852	45	6	\$	121.50	\$	121.50
2019-06-20	16-856	1	31	\$	120.20	\$	120.20
2019-06-20	16-857	1	60	\$	53.00	\$	53.00
2019-06-20	16-857	6	61	\$	225.00	\$	278.00
2019-05-08	16-859	1	31	\$	120.20	\$	120.20
2019-05-28	16-862	1	41	\$	265.00	\$	265.00
2019-05-28	16-862	1	9	\$	22.55	\$	287.55
2019-06-05	16-862	1	56	\$	92.85	\$	380.40
2019-06-05	16-862	2	10	\$	32.50	\$	412.90
2019-03-26	16-873	1	31	\$	120.20	\$	120.20
2019-03-26	16-873	1	1	\$	17.40	\$	137.60
2019-03-27	16-873	1	71	\$	118.60	\$	256.20
2019-04-15	16-873	1	56	\$	92.85	\$	349.05
2019-04-15	16-873	2	10	\$	32.50	\$	381.55
2019-04-24	16-873	1	50	\$	53.00	\$	434.55
2019-04-24	16-873	1	4	\$	6.30	\$	440.85

2019-04-24	16-873	1	9	\$	22.55	\$	463.40
2019-05-14	16-873	1	60	\$	53.00	\$	516.40
2019-05-14	16-873	5	61	\$	187.50	\$	703.90
2019-05-14	16-873	1	62	\$	34.20	\$	738.10
2019-05-22	16-873	1	50	\$	53.00	\$	791.10
2019-05-22	16-873	1	3	\$	3.15	\$	794.25
2019-06-03	16-873	1	56	\$	92.85	\$	887.10
2019-06-03	16-873	2	10	\$	32.50	\$	919.60
2019-06-14	16-873	1	60	\$	53.00	\$	972.60
2019-06-14	16-873	1	61	\$	37.50	\$	1,010.10
2019-06-04	16-874	1	60	\$	53.00	\$	53.00
2019-06-04	16-874	2	61	\$	75.00	\$	128.00
2019-02-01	16-878	160	6	\$	432.00	\$	432.00
2019-02-13	16-878	1	25	\$	112.40	\$	544.40
2019-02-14	16-878	1	25	\$	56.20	\$	600.60
2019-02-26	16-878	1	50	\$	53.00	\$	653.60
2019-02-26	16-878	1	3	\$	3.15	\$	656.75
2019-02-26	16-878	1	9	\$	22.55	\$	679.30
2019-02-26	16-878	1	4	\$	6.30	\$	685.60
2019-03-06	16-878	3	56	\$	278.55	\$	964.15
2019-03-06	16-878	4	10	\$	65.00	\$	1,029.15
2019-03-13	16-878	1	81	\$	81.10	\$	1,110.25
2019-03-16	16-878	1	41	\$	255.00	\$	1,365.25
2019-03-17	16-878	1	56	\$	92.85	\$	1,458.10
2019-03-17	16-878	1	10	\$	16.25	\$	1,474.35
2019-03-21	16-878	2	56	\$	185.70	\$	1,660.05
2019-03-21	16-878	2	10	\$	32.50	\$	1,692.55
2019-04-01	16-878	1	60	\$	53.00	\$	1,745.55
2019-04-01	16-878	9	61	\$	337.50	\$	2,083.05
2019-04-01	16-878	18	62	\$	615.60	\$	2,698.65
2019-04-08	16-878	1	56	\$	92.85	\$	2,791.50
2019-04-08	16-878	2	10	\$	32.50	\$	2,824.00
2019-04-17	16-878	1	60	\$	53.00	\$	2,877.00
2019-04-17	16-878	2	61	\$	75.00	\$	2,952.00
2019-04-27	16-878	1	12A	\$	140.10	\$	3,092.10
2019-04-27	16-878	1	12B	\$	56.20	\$	3,148.30

2019-04-27	16-878	1	10	\$	16.25	\$	3,164.55
2019-05-13	16-878	2	51	\$	72.40	\$	3,236.95
2019-10-03	16-878	199	6	\$	537.30	\$	3,774.25
2019-12-02	16-878	508	6	\$	1,371.60	\$	5,145.85
2019-12-13	16-878	1	28	\$	53.00	\$	5,198.85
2019-12-13	16-878	5	6	\$	13.50	\$	5,212.35
2019-03-29	16-880	1	50	\$	53.00	\$	53.00
2019-03-29	16-880	1	4	\$	6.30	\$	59.30
2019-03-29	16-880	1	3	\$	3.15	\$	62.45
2019-04-08	16-880	1	31	\$	120.20	\$	182.65
2019-04-08	16-880	1	1	\$	17.40	\$	200.05
2019-01-22	16-887	1	50	\$	37.50	\$	37.50
2019-02-11	16-887	1	50	\$	52.00	\$	89.50
2019-03-01	16-887	1	31	\$	116.00	\$	205.50
2019-03-01	16-887	1	1	\$	17.00	\$	222.50
2019-04-23	16-887	1	50	\$	30.00	\$	252.50
2019-06-14	16-887	19	6	\$	48.07	\$	300.57
2019-10-22	16-887	277	6	\$	706.35	\$	1,006.92
2019-05-10	16-888	1	71	\$	118.60	\$	118.60
2019-05-13	16-888	1	71	\$	118.60	\$	237.20
2019-11-04	16-888	33	6	\$	89.10	\$	326.30
2019-05-13	16-889	1	50	\$	53.00	\$	53.00
2019-05-13	16-889	1	3	\$	3.15	\$	56.15
2019-05-24	16-889	1	50	\$	53.00	\$	109.15
2019-05-24	16-889	1	3	\$	3.15	\$	112.30
2019-04-18	16-890	0	50	\$	-	\$	-
2019-04-18	16-890	0	3	\$	-	\$	-
2019-03-29	16-891	1	44	\$	179.50	\$	179.50
2019-03-29	16-891	1	9	\$	22.55	\$	202.05
2019-03-29	16-891	1	1	\$	17.40	\$	219.45
2019-04-08	16-891	1	31	\$	120.20	\$	339.65
2019-04-08	16-891	1	9	\$	22.55	\$	362.20
2019-04-08	16-891	1	1	\$	17.40	\$	379.60
2019-06-14	16-891	1	56	\$	92.85	\$	472.45
2019-06-14	16-891	1	10	\$	16.25	\$	488.70
2019-06-14	16-891	1	50	\$	53.00	\$	541.70

2019-06-14	16-891	1	3	\$	3.15	\$	544.85
2019-06-14	16-891	1	4	\$	6.30	\$	551.15
2019-11-05	16-891	1	91	\$	59.85	\$	611.00
2019-04-22	16-894	1	50	\$	53.00	\$	53.00
2019-04-22	16-894	1	3	\$	3.15	\$	56.15
2019-04-22	16-894	1	9	\$	22.55	\$	78.70
2019-07-05	16-894	1	60	\$	53.00	\$	131.70
2019-07-05	16-894	3	61	\$	112.50	\$	244.20
2019-07-05	16-894	1	9	\$	22.55	\$	266.75
2019-03-18	16-899	1	60	\$	53.00	\$	53.00
2019-03-18	16-899	1	9	\$	22.55	\$	75.55
2019-10-28	16-899	23	6	\$	62.10	\$	137.65
2019-04-22	16-901	1	50	\$	-	\$	-
2019-04-22	16-901	1	4	\$	6.30	\$	6.30
2019-09-27	16-902	1	50	\$	53.00	\$	53.00
2019-09-27	16-902	1	3	\$	3.15	\$	56.15
2019-11-05	16-909	54	6	\$	145.80	\$	145.80
2019-02-16	16-910	1	50	\$	53.00	\$	53.00
2019-02-16	16-910	1	9	\$	22.55	\$	75.55
2019-05-30	16-910	1	60	\$	53.00	\$	128.55
2019-05-30	16-910	3	61	\$	112.50	\$	241.05
2019-03-18	16-911	32	6	\$	86.40	\$	86.40
2019-03-18	16-911	1	60	\$	53.00	\$	139.40
2019-03-18	16-911	9	61	\$	337.50	\$	476.90
2019-03-18	16-911	8	62	\$	273.60	\$	750.50
2019-03-22	16-911	1	41	\$	265.00	\$	1,015.50
2019-03-22	16-911	1	9	\$	22.55	\$	1,038.05
2019-04-17	16-911	1	60	\$	53.00	\$	1,091.05
2019-04-17	16-911	2	61	\$	75.00	\$	1,166.05
2019-08-11	16-911	1	9	\$	22.55	\$	1,188.60
2019-08-11	16-911	1	12A	\$	93.40	\$	1,282.00
2019-09-20	16-911	51	6	\$	137.70	\$	1,419.70
2019-11-25	16-911	1	25	\$	84.30	\$	1,504.00
2019-04-28	16-917	1	50	\$	53.00	\$	53.00
2019-04-28	16-917	1	5	\$	17.55	\$	70.55
2019-05-06	16-917	1	71	\$	118.60	\$	189.15

2019-05-29	16-917	1	41	\$	265.00	\$	454.15
2019-05-29	16-917	1	9	\$	22.55	\$	476.70
2019-05-31	16-917	1	60	\$	53.00	\$	529.70
2019-05-31	16-917	8	61	\$	300.00	\$	829.70
2019-05-31	16-917	1	9	\$	22.55	\$	852.25
2019-08-08	16-917	1	50	\$	53.00	\$	905.25
2019-08-08	16-917	1	9	\$	22.55	\$	927.80
2019-10-15	16-917	33	6	\$	89.10	\$	1,016.90
2019-10-16	16-917	211	6	\$	569.70	\$	1,586.60
2019-01-05	16-921	266	6	\$	718.20	\$	718.20
2019-07-29	16-921	1	60	\$	53.00	\$	771.20
2019-07-29	16-921	6	61	\$	225.00	\$	996.20
2019-04-10	16-928	1	25	\$	28.10	\$	28.10
2019-07-03	16-928	1	26	\$	65.60	\$	93.70
2019-07-03	16-928	1	3	\$	3.15	\$	96.85
2019-07-03	16-928	22	6	\$	59.40	\$	156.25
2019-07-19	16-928	1	60	\$	53.00	\$	209.25
2019-07-19	16-928	1	9	\$	22.55	\$	231.80
2019-07-26	16-928	1	50	\$	53.00	\$	284.80
2019-11-03	16-928	2	91	\$	119.70	\$	404.50
2019-11-03	16-928	1	25	\$	84.30	\$	488.80
2019-11-12	16-928	235	6	\$	634.50	\$	1,123.30
2019-12-23	16-928	1	25	\$	28.10	\$	1,151.40
12/31/2018	16-928	1	50	\$	50.50	\$	1,201.90
12/31/2018	16-928	1	9	\$	21.50	\$	1,223.40
2019-06-17	16-929	1	60	\$	53.00	\$	53.00
2019-06-17	16-929	9	61	\$	337.50	\$	390.50
2019-06-17	16-929	2	65	\$	24.70	\$	415.20
2019-05-07	16-930	1	60	\$	53.00	\$	53.00
2019-05-07	16-930	1	61	\$	37.50	\$	90.50
2019-05-07	16-930	1	9	\$	22.55	\$	113.05
2019-05-07	16-930	1	65	\$	12.35	\$	125.40
2019-11-07	16-930	17	6	\$	44.90	\$	170.30
2019-06-03	16-932	1	56	\$	92.85	\$	92.85
2019-06-03	16-932	2	10	\$	32.50	\$	125.35
2019-08-09	16-932	1	50	\$	53.00	\$	178.35

2019-08-09	16-932	1	3	\$	3.15	\$	181.50
2019-08-13	16-932	0	98	\$	-	\$	181.50
2019-10-28	16-932	1	25	\$	28.10	\$	209.60
2019-12-20	16-932	1	92	\$	90.10	\$	299.70
2019-05-04	16-933	1	56	\$	92.85	\$	92.85
2019-05-04	16-933	1	10	\$	16.25	\$	109.10
2019-12-30	16-933	1	50	\$	53.00	\$	162.10
2019-12-30	16-933	1	3	\$	3.15	\$	165.25
2019-12-30	16-933	1	9	\$	22.55	\$	187.80
2019-12-11	16-941	129	6	\$	348.30	\$	348.30
2019-04-01	16-944	1	81	\$	81.10	\$	81.10
2019-04-01	16-944	1	9	\$	22.55	\$	103.65
2019-04-30	16-944	1	71	\$	118.60	\$	222.25
2019-05-09	16-944	1	31	\$	120.20	\$	342.45
2019-04-29	16-945	1	31	\$	120.20	\$	120.20
2019-04-29	16-945	1	9	\$	22.55	\$	142.75
2019-04-29	16-945	1	1	\$	17.40	\$	160.15
2019-01-31	16-946	1	60	\$	53.00	\$	53.00
2019-01-31	16-946	1	9	\$	22.55	\$	75.55
2019-05-06	16-946	1	71	\$	118.60	\$	194.15
2019-07-16	16-946	1	60	\$	53.00	\$	247.15
2019-07-16	16-946	9	61	\$	337.50	\$	584.65
2019-07-16	16-946	1	62	\$	34.20	\$	618.85
2019-02-19	16-948	200	6	\$	540.00	\$	540.00
2019-05-07	16-948	1	50	\$	53.00	\$	593.00
2019-05-07	16-948	1	3	\$	3.15	\$	596.15
2019-05-07	16-948	1	5	\$	17.55	\$	613.70
2019-12-20	16-948	959	6	\$	2,589.30	\$	3,203.00
2019-05-30	16-950	1	60	\$	53.00	\$	53.00
2019-05-30	16-950	7	61	\$	262.50	\$	315.50
2019-02-06	16-954	1	26	\$	65.60	\$	65.60
2019-02-06	16-954	1	3	\$	3.15	\$	68.75
2019-11-19	16-955	1	50	\$	53.00	\$	53.00
2019-01-28	16-959	1	50	\$	52.00	\$	52.00
2019-01-28	16-959	1	5	\$	17.55	\$	69.55
2018-12-01	16-961	1	50	\$	51.30	\$	51.30

2019-03-25	16-961	1	26	\$	65.60	\$	116.90
2019-03-25	16-961	1	9	\$	22.55	\$	139.45
2019-03-25	16-961	1	51	\$	36.20	\$	175.65
2019-04-30	16-961	1	31	\$	120.20	\$	295.85
2019-04-30	16-961	1	1	\$	17.40	\$	313.25
2019-07-12	16-961	1	60	\$	53.00	\$	366.25
2019-07-12	16-961	1	61	\$	37.50	\$	403.75
2019-07-12	16-961	1	9	\$	10.58	\$	414.33
2019-11-26	16-961	38	6	\$	102.60	\$	516.93
2019-11-28	16-962	147	6	\$	396.90	\$	396.90
2019-01-08	16-963	1	9	\$	22.55	\$	22.55
2019-01-08	16-963	4	6	\$	10.80	\$	33.35
2019-06-28	16-964	1	60	\$	53.00	\$	53.00
2019-06-28	16-964	3	61	\$	112.50	\$	165.50
2019-05-10	16-967	1	60	\$	53.00	\$	53.00
2019-05-10	16-967	1	61	\$	37.50	\$	90.50
2019-03-05	16-969	1	15	\$	115.95	\$	115.95
2019-03-05	16-969	1	9	\$	22.55	\$	138.50
2019-12-12	16-969	110	6	\$	297.00	\$	435.50
2019-08-08	16-973	1	50	\$	53.00	\$	53.00
2019-08-08	16-973	1	3	\$	3.15	\$	56.15
2019-08-22	16-973	1	51	\$	36.20	\$	92.35
2019-08-22	16-973	1	9	\$	22.55	\$	114.90
2019-12-16	16-973	1	50	\$	53.00	\$	167.90
2019-12-16	16-973	1	9	\$	22.55	\$	190.45
2019-04-09	16-975	1	60	\$	53.00	\$	53.00
2019-04-09	16-975	1	9	\$	22.55	\$	75.55
2019-06-19	16-975	1	60	\$	53.00	\$	128.55
2019-06-19	16-975	5	61	\$	187.50	\$	316.05
1900-05-19	16-976	1	12A	\$	140.10	\$	140.10
1900-05-19	16-976	1	12B	\$	28.10	\$	168.20
1900-05-19	16-976	1	9	\$	22.55	\$	190.75
2019-02-21	16-976	1	19	\$	156.65	\$	347.40
2019-02-21	16-976	1	9	\$	22.55	\$	369.95
2019-03-06	16-976	1	60	\$	53.00	\$	422.95
2019-03-06	16-976	9	61	\$	337.50	\$	760.45

2019-03-06	16-976	3	62	\$	102.60	\$	863.05
2019-03-15	16-976	1	60	\$	53.00	\$	916.05
2019-03-15	16-976	1	61	\$	37.50	\$	953.55
2019-03-15	16-976	1	9	\$	22.55	\$	976.10
2019-03-31	16-976	1	41	\$	265.00	\$	1,241.10
2019-04-04	16-976	1	90	\$	55.65	\$	1,296.75
2019-04-22	16-976	2	51	\$	72.40	\$	1,369.15
2019-04-22	16-976	1	9	\$	22.55	\$	1,391.70
2019-08-22	16-976	52	6	\$	140.40	\$	1,532.10
2019-08-23	16-976	104	6	\$	280.80	\$	1,812.90
2019-03-06	16-984	1	50	\$	53.00	\$	53.00
2019-03-06	16-984	1	3	\$	3.15	\$	56.15
2019-03-06	16-984	1	9	\$	22.55	\$	78.70
2019-04-01	16-984	1	50	\$	53.00	\$	131.70
2019-05-08	16-986	16	6	\$	40.50	\$	40.50
2019-05-08	16-986	1	60	\$	53.00	\$	93.50
2019-01-14	16-988	1	60	\$	53.00	\$	53.00
2019-01-14	16-988	1	9	\$	22.55	\$	75.55
2019-07-10	16-988	1	50	\$	53.00	\$	128.55
2019-07-10	16-988	1	3	\$	3.15	\$	131.70
2019-11-12	16-988	168	6	\$	453.60	\$	585.30
2019-04-08	16-989	1	41	\$	265.00	\$	265.00
2019-04-08	16-989	1	9	\$	22.55	\$	287.55
2019-05-02	16-989	1	60	\$	53.00	\$	340.55
2019-05-02	16-989	1	61	\$	37.50	\$	378.05
2019-05-02	16-989	1	9	\$	22.55	\$	400.60
2019-03-10	16-990	1	56	\$	92.85	\$	92.85
2019-03-10	16-990	3	10	\$	48.75	\$	141.60
2019-03-21	16-990	1	56	\$	92.85	\$	234.45
2019-03-21	16-990	1	10	\$	16.25	\$	250.70
2019-03-28	16-990	1	56	\$	92.85	\$	343.55
2019-03-28	16-990	1	10	\$	16.25	\$	359.80
2019-03-28	16-990	1	56	\$	92.85	\$	452.65
2019-03-28	16-990	2	10	\$	32.50	\$	485.15
2019-04-17	16-990	1	28	\$	44.25	\$	529.40
2019-04-17	16-990	1	9	\$	22.55	\$	551.95

2019-04-17	16-990	1	60	\$	53.00	\$	604.95
2019-09-09	16-990	1	50	\$	53.00	\$	657.95
2019-09-09	16-990	1	3	\$	3.15	\$	661.10
2019-09-09	16-990	1	9	\$	22.55	\$	683.65
2019-04-26	16-991	1	50	\$	53.00	\$	53.00
2019-04-26	16-991	1	9	\$	22.55	\$	75.55
2019-05-10	16-991	1	50	\$	53.00	\$	128.55
2019-05-10	16-991	1	3	\$	3.15	\$	131.70
2019-05-10	16-991	1	9	\$	22.55	\$	154.25
2019-05-17	16-991	1	50	\$	53.00	\$	207.25
2019-05-17	16-991	1	3	\$	3.15	\$	210.40
2019-05-17	16-991	1	9	\$	22.55	\$	232.95
2019-05-17	16-991	1	65	\$	12.35	\$	245.30
2019-07-09	16-991	1	60	\$	53.00	\$	298.30
2019-07-09	16-991	1	9	\$	22.55	\$	320.85
2019-11-22	16-991	59	6	\$	159.30	\$	480.15
				\$	96,604.62		



CLEAR HILLS COUNTY

File No. 63-02-02

March 24, 2020

Honourable Minister Devin Dreeshen
Minister, Agriculture and Forestry
229 Legislature Building
10800-97 Ave
Edmonton, AB TSK 2B6

Honorable Minister Dreeshen,

Subject: Response Letter to Municipal District of Spirit River

The Clear Hills County Agricultural Service Board (ASB) met on March 17, 2020 and reviewed your January 29, 2020 letter of response sent to Mr. Nick VanRootselaar, Agricultural Service Board Chair for the M.D. of Spirit River which was shared with all Peace Region ASBs. The letter of response has raised several areas of concern regarding the status of *Fusarium graminearum* (Fg) in Alberta.

Our first concern of many, is with the statement that "At the Minister's third roundtable on *Fusarium*, stakeholders in attendance reached a consensus to support removal of Fg from the Pest and Nuisance Control Regulation (PNCr)". It is our understanding that at all stakeholder meetings which involved the Provincial ASB Committee or the Association of Alberta Agricultural Fieldmen (AAAF), consensus was to keep Fg on the PNCr. If "third roundtable" discussion involved consensus on policy change, then this raises immediate and serious concerns as to the clarity of whether the policy changes discussed were provincial or municipal in nature. Considering the Province's Agricultural Service Board Act Section 2 under the duties of an ASB are (e) *to promote and develop agricultural policies to meet the needs of the municipality.*, then it is not up to the delegates around that table to dictate services levels and program expectations within municipal policies. Following the roundtables, a few delegations initiated discussions with the ASB provincially and regionally. No other roundtable occurred after to discuss results of those meetings.

The fact that Fg has become prevalent in some parts of the province, does not indicate that Agricultural regulation has become ineffective and unnecessary. The Agricultural Pest Act (APA) and PNCr give municipalities great latitude in how they should enforce the Act only requiring (Section 6) *that a local authority shall take active measures to prevent the establishment of, or control or destroy, pests in the municipality.* It is true that Section 22 of the APA says *for propagation purposes acquire, sell, distribute or use root, tuber or other vegetable material containing a pest.* However, Section 4 of the PNCr empowers an inspector to allow importing, purchasing, selling and planting of an infested item - this exemption could be used by a person wishing to seed infested seed i.e. to propagate better varieties even if they were infested with Fg.

Under the APA, Section S (2) *An owner or occupant of land or property... shall take active measures to (c) destroy any crop, vegetation or other matter that contributes or may contribute to the maintenance or spread of a pest on or in the land, property or livestock.* According to the APA it is therefore illegal to grow any crop or livestock that could be fed upon by grasshoppers (which means all crops, pasture, hay, gardens, lawns...) or which might maintain a pest, so no canola (clubroot, virulent blackleg), grasses and cereals of any kind (Fg et al). As part of enabling legislation, Section 22 or Section 5(2) of the APA is not being applied to all incidents, therefore it is not necessary to

Box 240, Worsley, Alberta T0H 3W0 Telephone 780/685-3925 Fax 780/ 685-3960 Email info@clearhillscounty.ab.ca

"Clearly an Area of Opportunity"



CLEAR HILLS COUNTY

remove Fg from the PNCR as it is only municipal policy that determines what sections of the APA are applicable.

Local municipalities, ASBs and Agricultural Fieldmen continue to take "*active measures*" as they are appropriate for the agricultural industry, which has significantly reduced the impact of pests such as Fg, greatly enhancing the economic advantage of Alberta's producers, who are able to grow cereal crops such as wheat, malt barley, and durum with a significantly lower incidence of Fg. Thus, removing it from the APA and PNCR would not be in the best interest of Alberta's producers or the agricultural industry. A thorough review and modernization of the APA and PNCR would be as it is long overdue and has been tabled for a decade.

It is worthy of note that the surveillance and extension activities which you allude to rely strongly on the excellent partnership your department has with ASB's and the AAAF. The Provincial ASB Committee and the AAAF have and will always make themselves available to you and your staff for discussions regarding the Agricultural Acts empowering Municipalities, ASB's and Agricultural Fieldmen; the ASB Act, Weed Control Act, APA and Soil Conservation Act and their Regulations. We remain your devoted stakeholders and partners, ready to advise in matters of mutual concern to promote, enhance and protect viable and sustainable agriculture with a view to improving the economic viability of the agricultural producer (ASB Act Sect., 2, (d).)

Feel free to contact our Agricultural Fieldman, Greg Coon with any questions.
Greg can be contacted at greg@clearhillscounty.ab.ca 780-685-3925

Sincerely,

Miron Croy, Reeve
Clear Hills County

Cc: Provincial ASB Committee
Peace Region ASB
AAAF Executive
Mr. Todd Loewen, MLA for Central Peace-Notley



COUNTY OF Northern Lights

#600, 7th Ave NW, PO Box 10, Manning AB T0H 2M0
Phone 780-836-3348 Fax 780-836-3663
Toll Free 1-888-525-3481

March 24, 2020

Honourable Marie-Claude Bibeau
Confederation Building, Suite 407
House of Commons
Ottawa, Ontario
K1A 0A6

Honourable Marie-Claude Bibeau:

Re: Seed Royalties

This letter is in response to lack of continued consultations for Seed Royalties and the absence of a clear concise position on behalf of the Federal Government.

We urge the Federal Government to continue working with stakeholder groups to develop a competitive plant breeding system to allow Canadian Agriculture to remain competitive globally. We recommend that the Honourable Marie-Claude Bibeau take a clear, concise and transparent position on seed royalties to promote a competitive private sector and a dedicated public plant breeding system. We also acknowledge the Federal Government allowing private industry, Canadian Seed Trade Association (CSTA) and Canadian Plant Technology Agency (CPTA), to trial their own royalty system before anything is implemented federally. We believe the Federal Government should be taking every necessary step to foster the most competitive and resourceful plant breeding industry. A hybrid system of private and public funded plant breeding should be the most competitive.

However, it is imperative to protect producers from shouldering the burden of dedicated plant breeding research. For these reasons we would encourage the Federal Government to commit stable funding to public plant breeding facilities and to continue working with stakeholder groups to identify feasible options for all involved parties.

Please do not hesitate to reach out to myself or our Agricultural Fieldman, Blake Gaugler, at 780-836-0927 or gauglerb@countyofnorthernlights.com

Sincerely,

Terry Ungarian, Reeve
County of Northern Lights

Cc: Provincial A.S.B Committee, Peace Region A.S.B's, Agriculture and Forestry Minister
Devin Dreesen, Al Kenmore RMA and AAFF
Chris Warkentin, MP Grande Prairie-Mackenzie

FORWARDED ON BEHALF OF DALE CHRAPKO

Synopsis

Across much of the north-half of the province, spring snow melt is delayed in the wake of several recent snowfalls and unseasonably cold temperatures. During the early morning hours of April 2nd, many stations across the north-half of the province saw temperatures dip below -25 degrees C.

Long range forecasts are predicting a gradual warming trend over the next two weeks, with the south-half of the province warming, sooner than the north-half. Generally, north of Red Deer temperatures are expected to struggle towards near normal by mid-April. For the entire month of April, Environment Canada is predicting that there is 90% chance temperatures will be colder than normal (**map 1**).

If the forecasts are correct and temperatures remain near to below normal for a few weeks, it's likely that snow packs across the north-half of the province will linger in fields until at least late April. However, long range forecasts are not always correct and Alberta's weather is often full of surprises.

Given recent memory this may seem unusual to see snows linger so long. However, this occurs relatively often. For Grande Prairie, looking back as far as 1961 snow packs have persisted into early May approximately 10 times in the past. For the same period, in the Edmonton area, snows have persisted on 6 occasions, beyond April 25th.

Snow pack development (**map 2** and **map 3**)

Snow pack water equivalent (SWE) describes the depth of water contained in the current snow pack if it was to be melted (**map 2**). As of March 31st, south of Drumheller, most of the agricultural areas across the province were largely snow free. North of this, snow packs increase rapidly with areas around Edmonton having between 80 to 90 mm SWE. The deepest snowpack's are located through the extreme southern Peace Region where upwards of 200 mm of SWE exists. This means that many of these areas will have over one meter of snow covering the landscape.

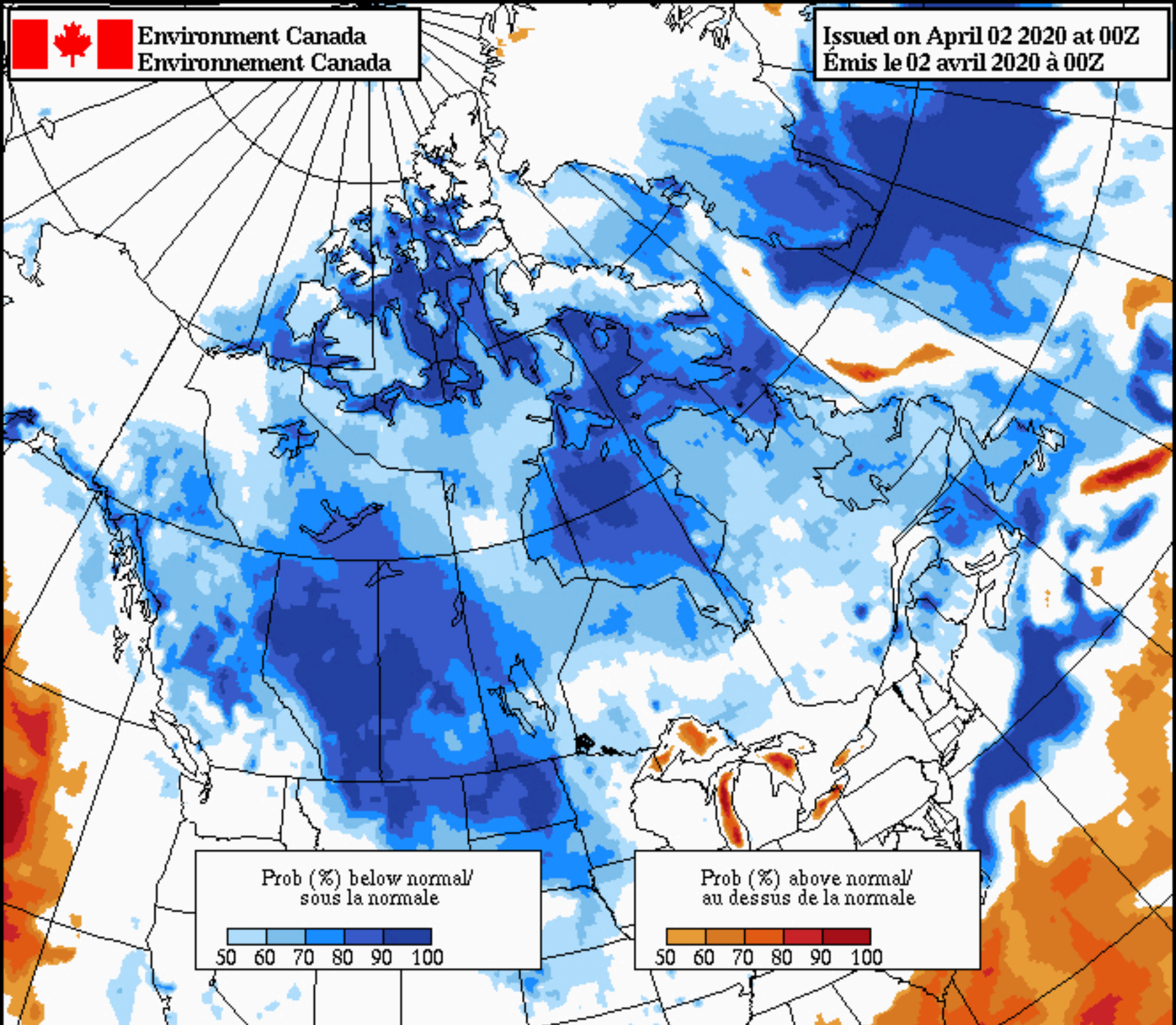
Compared to the long term normal (**map 3**) this year's snow packs currently range from near normal across the east-half of the province to above normal west of Highway 2. Across the extreme southern Peace region, snow packs are estimated to be this deep less than once in 12 years.

Note that the above normal snowpack's shown across parts of the southern region on **map 3**, reflect a recent snow storm and the fact that even a small amount of snow cover at this time of year is relatively infrequent.

Perspective

Ideally a relatively slow melt at this time of year is desirable to prevent localized flooding in areas with significant snowpack's. As a result cooler than normal forecast temperatures may well be desirable over a sudden warm spell that brings above normal temperatures and extremely rapid melt. This is particularly true across the southern Peace Region and through parts of the North West. However this is tempered by the need to complete last year's harvest as wet fall weather left some fields unharvested. A return to at least near normal weather in early May will help to speed access to land and allow farming operations to continue in a timely fashion.

Ralph Wright
Agrometeorology Applications and Modelling Unit
780-446-6831



Forecast probability of above or below
normal temperature

Period: 20200406-20200504

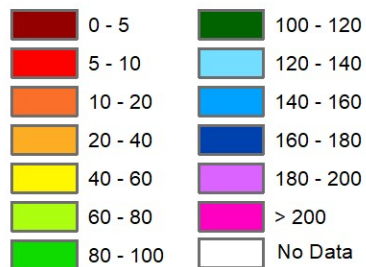
Probabilités prévues que les températures soient
au-dessus et sous la normale

Période: 20200406-20200504

Snow Pack Water Equivalent in Stubble Fields

Estimated as of March 31, 2020

Snow Water Equivalent (mm)



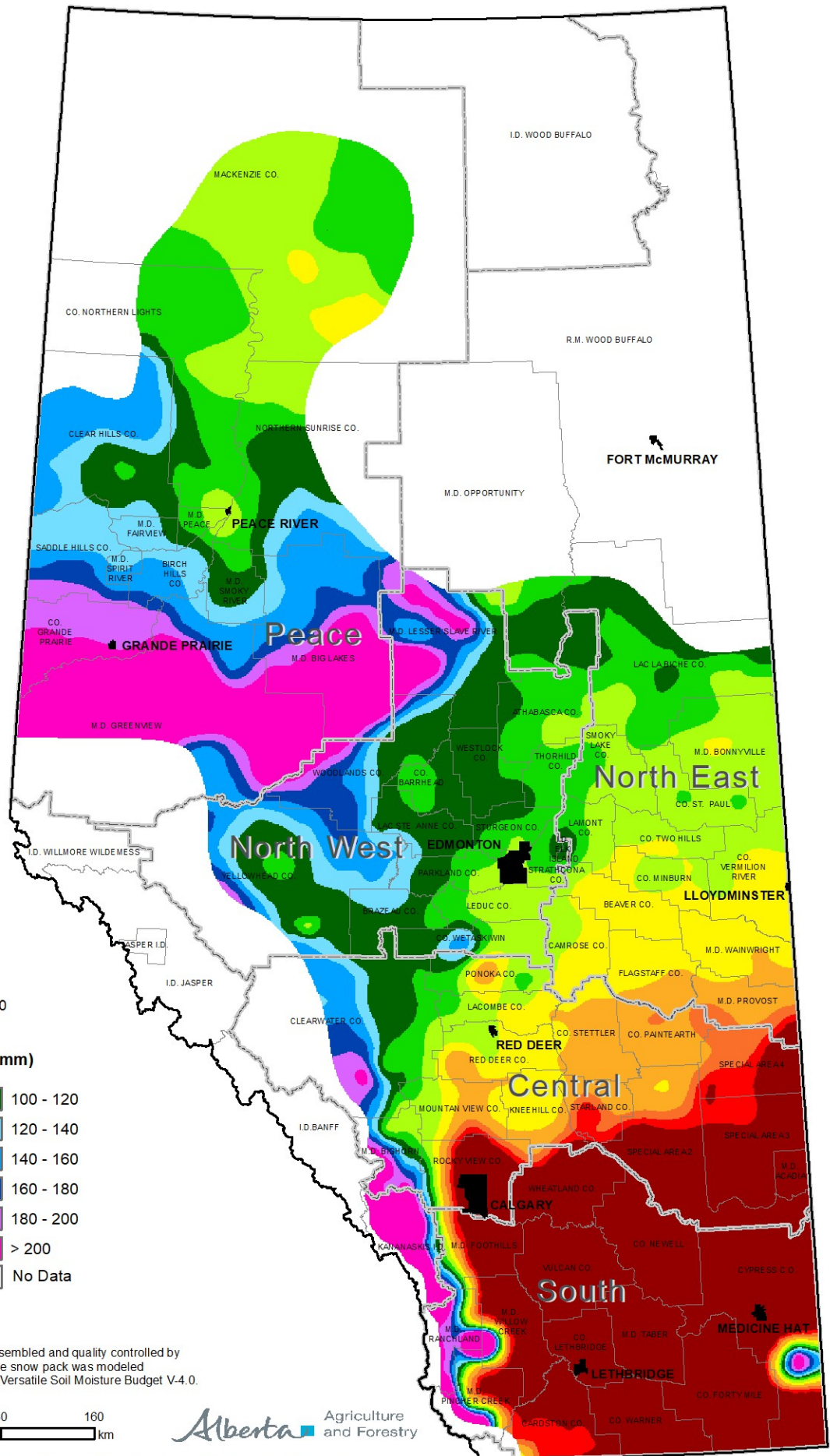
Near-real-time weather data was assembled and quality controlled by Alberta Agriculture and Forestry. The snow pack was modeled for stubble fields using the modified Versatile Soil Moisture Budget V-4.0.



Alberta Agriculture and Forestry

Compiled by Alberta Agriculture and Rural Development, Environmental Stewardship Division, Technology and Innovation Branch
Created on April 01, 2020

Visit weatherdata.ca for additional maps and meteorological data



Snow Pack Accumulations In Stubble Fields Relative to Long Term Normal

Estimated as of March 31, 2020

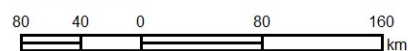
Condition



Frequency

< once in 50-years
once in 25 to 50 years
once in 12 to 25 years
once in 6 to 12 years
once in 3 to 6 years
once in 3 years
once in 3 to 6 years
once in 6 to 12 years
once in 12 to 25 years
once in 25 to 50 years
< once in 50-years

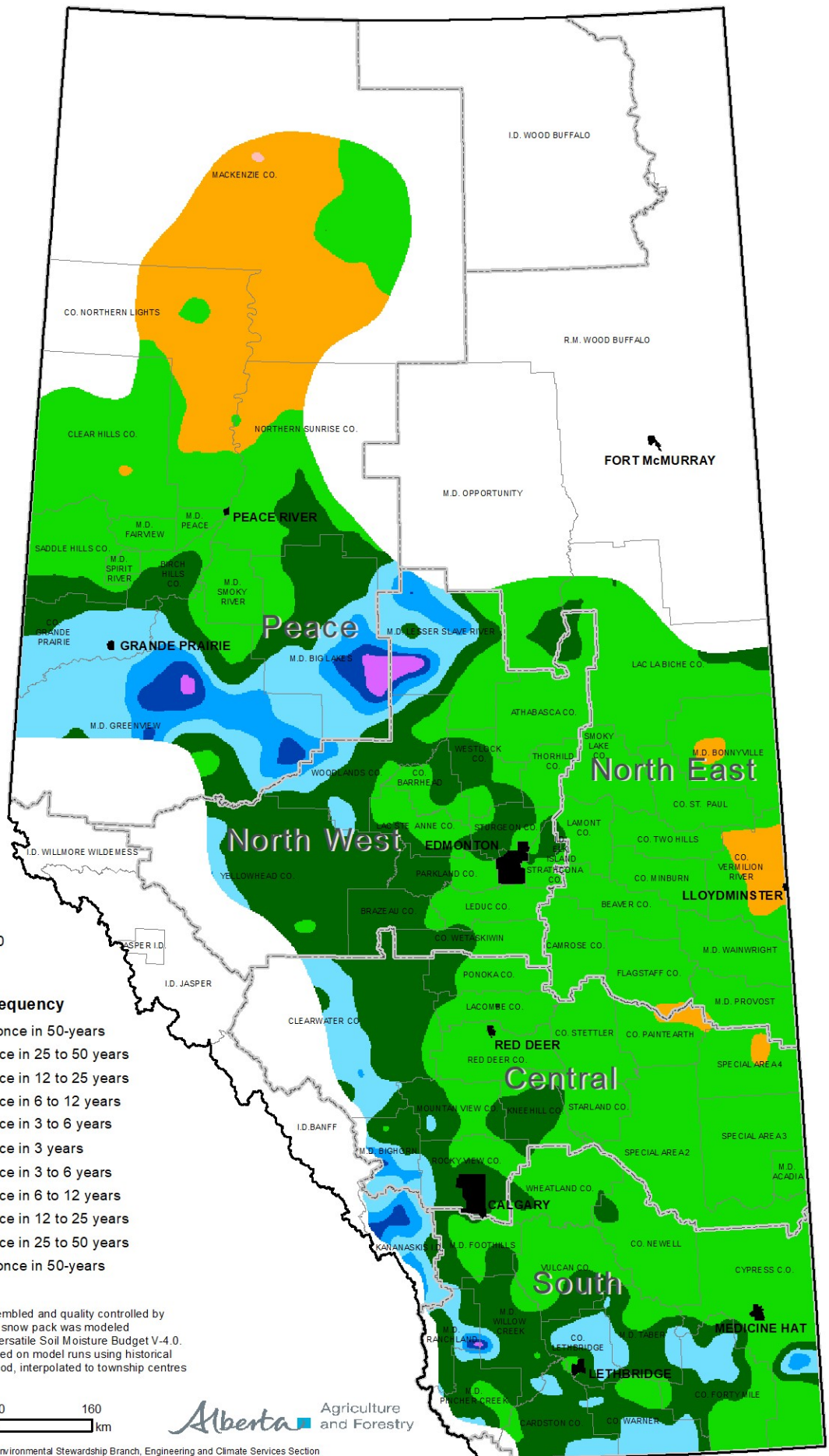
Near-real-time weather data was assembled and quality controlled by Alberta Agriculture and Forestry. The snow pack was modeled for stubble fields using the Modified Versatile Soil Moisture Budget V-4.0. The frequency of occurrence was based on model runs using historical weather data from the 1961-2019 period, interpolated to township centres using AbClima-3.6



Alberta Agriculture and Forestry

Compiled by Alberta Agriculture and Forestry, Environmental Stewardship Branch, Engineering and Climate Services Section
Created on April 01, 2020

Visit weatherdata.ca for additional maps and meteorological data



FORWARDED ON BEHALF OF DALE CHRAPKO

Synopsis

On March 28th, the province began experiencing a period of cold weather that has persisted through the first two week of April. On April 2nd and 3rd, temperatures dipped to near record lows with many areas across the north half of the province, recording temperatures in the -25 to -30 degree Celsius range.

As a result, snow packs have been slow to melt, delaying spring runoff by at least two weeks. Currently many areas along the foothills and throughout much of the southern Peace Region have snow packs that are estimated to be at one in 12 to 25 year highs, for this time of year.

Over the coming days, warmer weather is forecast, which will result in rapid snowmelt. If these temperatures persist, the areas in the southern the Peace Region, with the deepest snows, should be largely snow free by the end of the first week in May.

15-day temperature trends (map 1)

The start of April was unusually cold across the entire province (Map 1). A large area extending from Provost to Fort McMurray has seen a start to April, this cold, less than once in 50-years. The same is also true for those areas extending through the extreme southern Peace Region and all along the foothills, down as far south as Pincher Creek.

Snow pack persistence (map 2 and map 3)

Snow pack water equivalent (SWE) describes the depth of water contained in a snow pack if it was to be melted (**map 2**).

As of April 15th, south of Drumheller, most of the agricultural areas across the province were largely snow free. North of this, snow packs increase rapidly with the deepest snowpack's located through the extreme southern Peace Region were upwards of 200 mm of SWE exists.

Snow packs currently are near normal across the extreme northern Peace Region and the lower one third of the province. Throughout the Northeast snow packs are close to 1 in 6 year highs, grading to at least one in 12 to 25 year highs throughout much of the west-half of the province and throughout the southern Peace Region.

Perspective

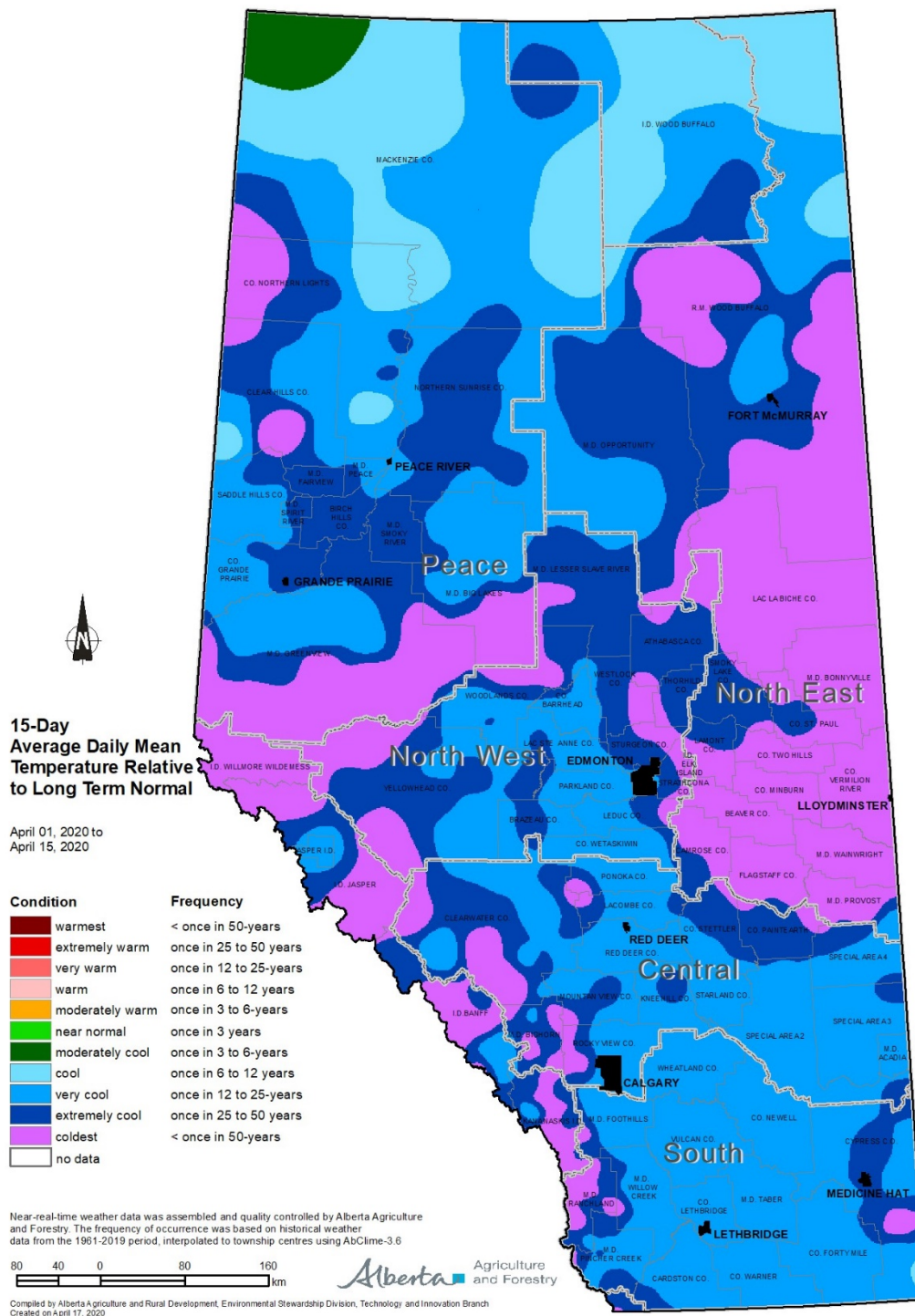
Province wide, the 14-day forecast calls for temperatures reaching into the mid-teens next Monday and Tuesday, and then moderating to near normal (8 to 14 degree range). If this occurs, for those areas with less than 100 mm of SWE, snow in open areas should largely be melted by the end of next week (April 24th). If conditions remain favorable, fields will start drying following that.

Through the extreme southern Peace Region, where there is upwards of 200 mm of water frozen in the snow packs, the melt will take longer. Current estimates suggest snows should be retreating from open areas by the end of the first week in May, providing at least near normal temperatures prevail.

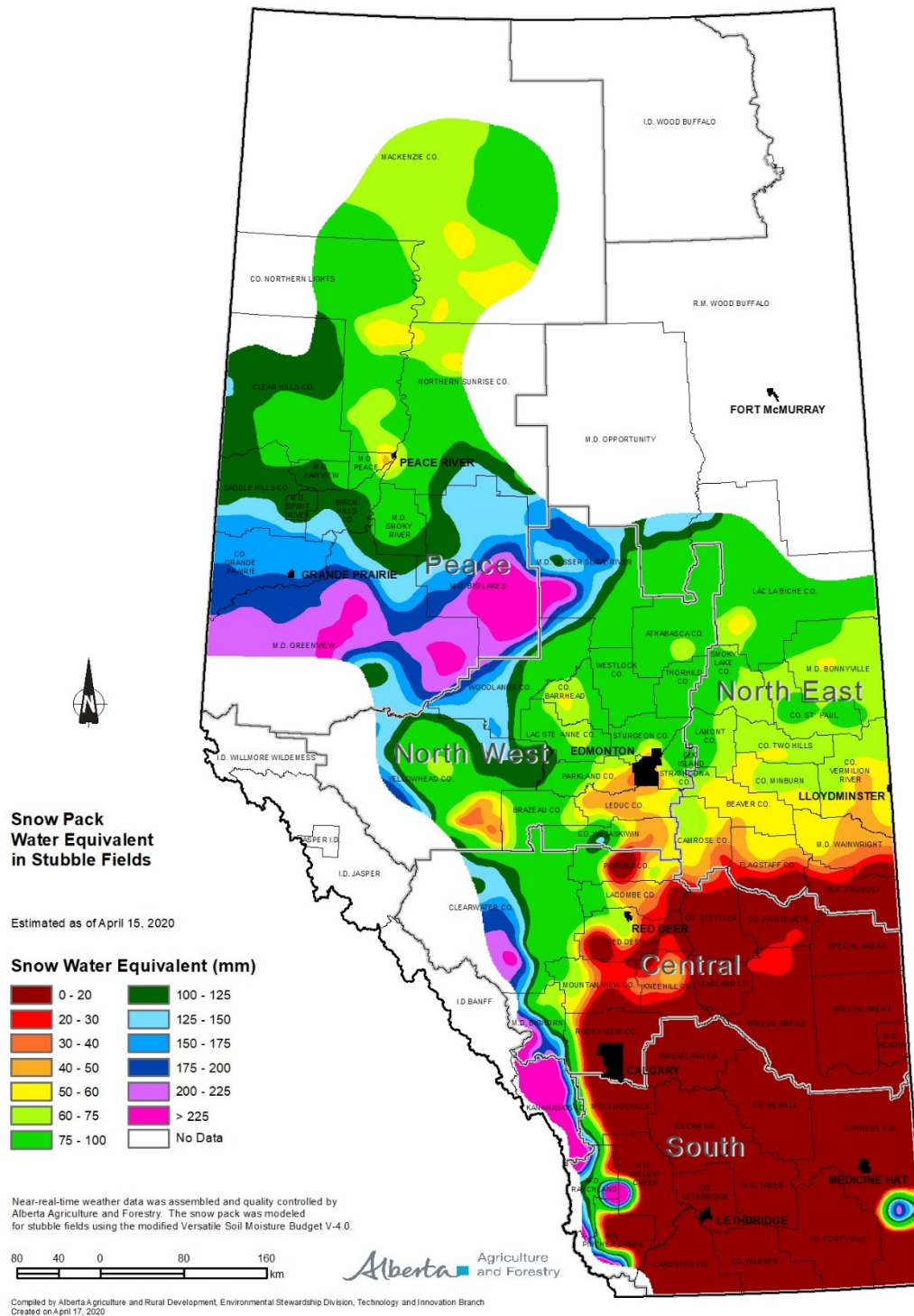
Near Grande Prairie the longest a snow pack has persisted (looking back as far as 1961) is May 10th, 2002. At this time SWE peaked at 170 mm and appreciable melt did not occur until the beginning of the last week in April. An additional 20 cm of snow fell during first week of May delaying the melt which was well under way. On May 13th the temperature soared to 22 degrees Celsius.

Between 1961 and 2019, the southern Peace region has seen 10 years with snows persisting into the first week in May. Six of these years occurred during a 20- year period between 1963 and 1982. It is estimated that the deepest snowpack occurred in 1974 where SWE near Grande Prairie reached just over 270 mm. These snows had largely retreated from open areas on or about May 5th 1974.

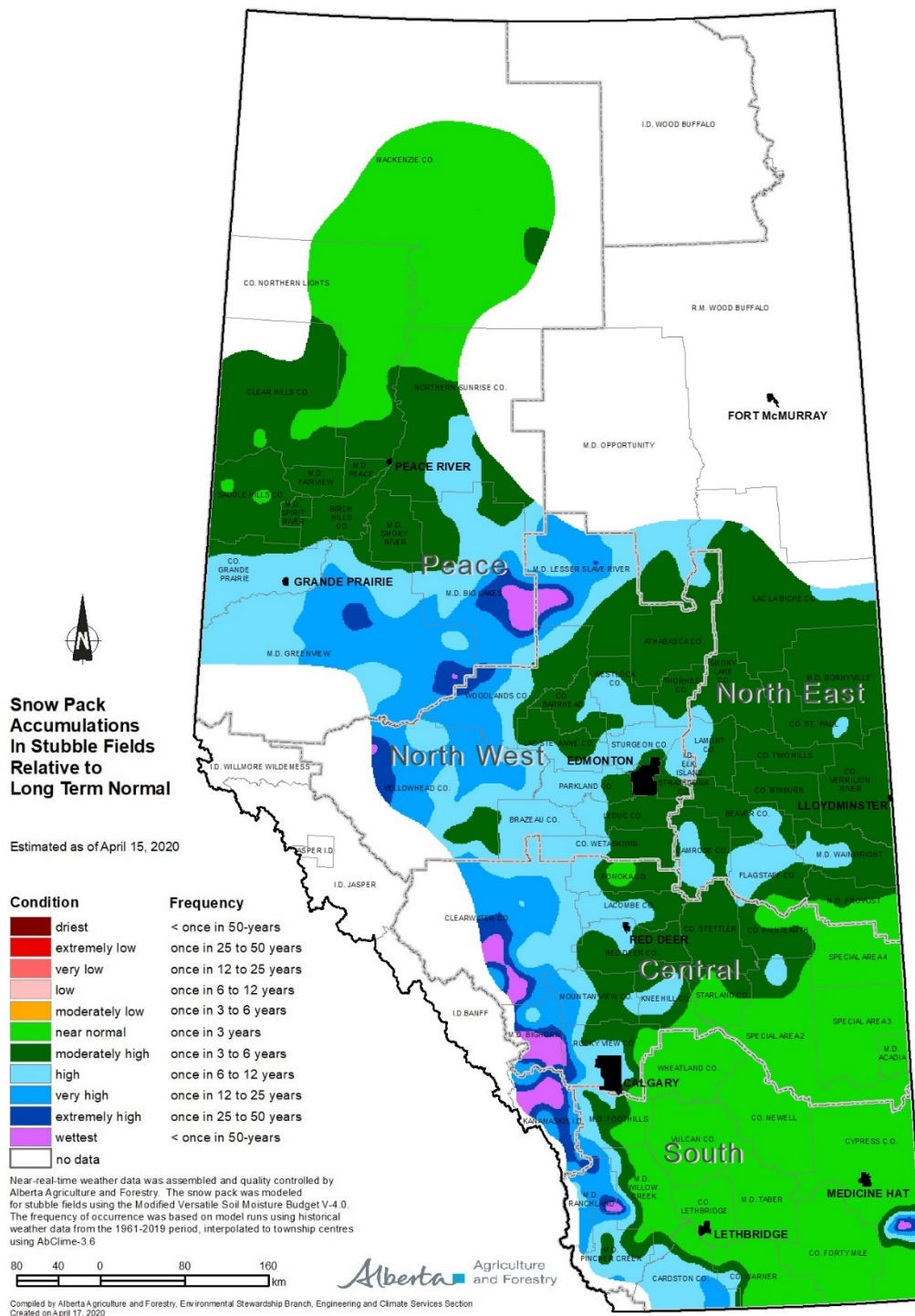
Ralph Wright
Agrometeorology Applications and Modelling Unit
780-446-6831



Visit weatherdata.ca for additional maps and meteorological data



Visit weatherdata.ca for additional maps and meteorological data



Visit weatherdata.ca for additional maps and meteorological data

FORWARDED ON BEHALF OF DALE CHRAPKO

This morning AFSC asked me to give them an update on conditions. It is for this reason and also given the warmer than expected weather (> 15c for several days) that I have put together a revised snowmelt update.

Map 1 remaining snow packs as of April 19.

- At 15C we can melt about 25 mm of snow water per day. At 10C this drops to about 15 mm.
- Through the extreme southern Peace region we expect it to be about one week before the snow retreats from open areas, provided the weather forecast is correct.
- Most fields in agricultural areas should be largely snow free within the next few days.

Map 2 snow packs relative to normal as of April 19

- For most areas where snow is still persisting, the situation is somewhat unusual, but by no means unprecedented.

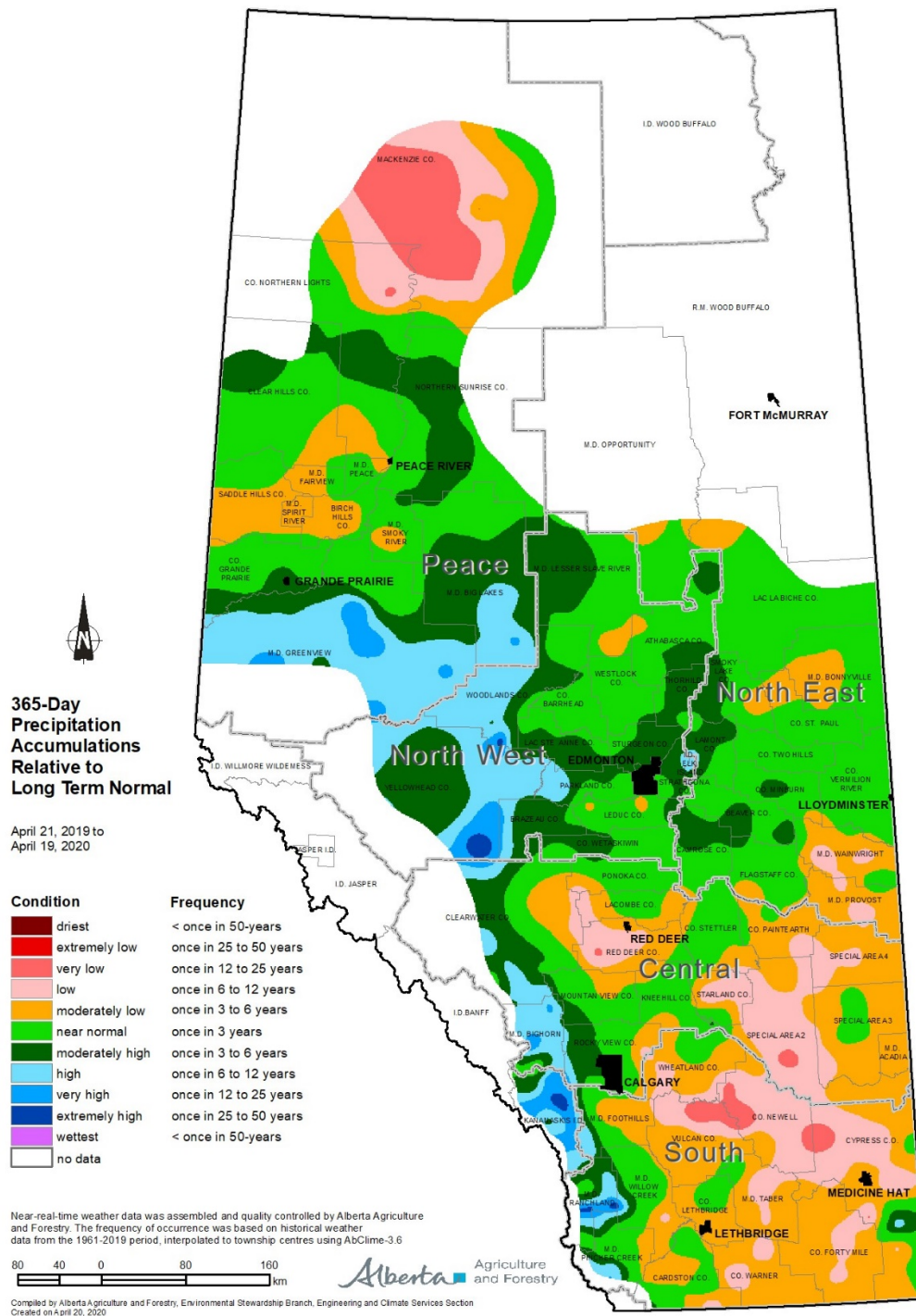
Map 3 soil moisture reserves as of April 19.

- Note, for those areas under snow cover, this map does not represent the true spring soil moisture reserves
- Some below average reserves are found throughout the south-half of the province. However, the wet season in this area is typically May and June.
- Wet soil conditions are likely throughout much of the southern Peace region and for many areas west of Highway 2 extending from Grande prairie, at least down as far south as Red Deer.

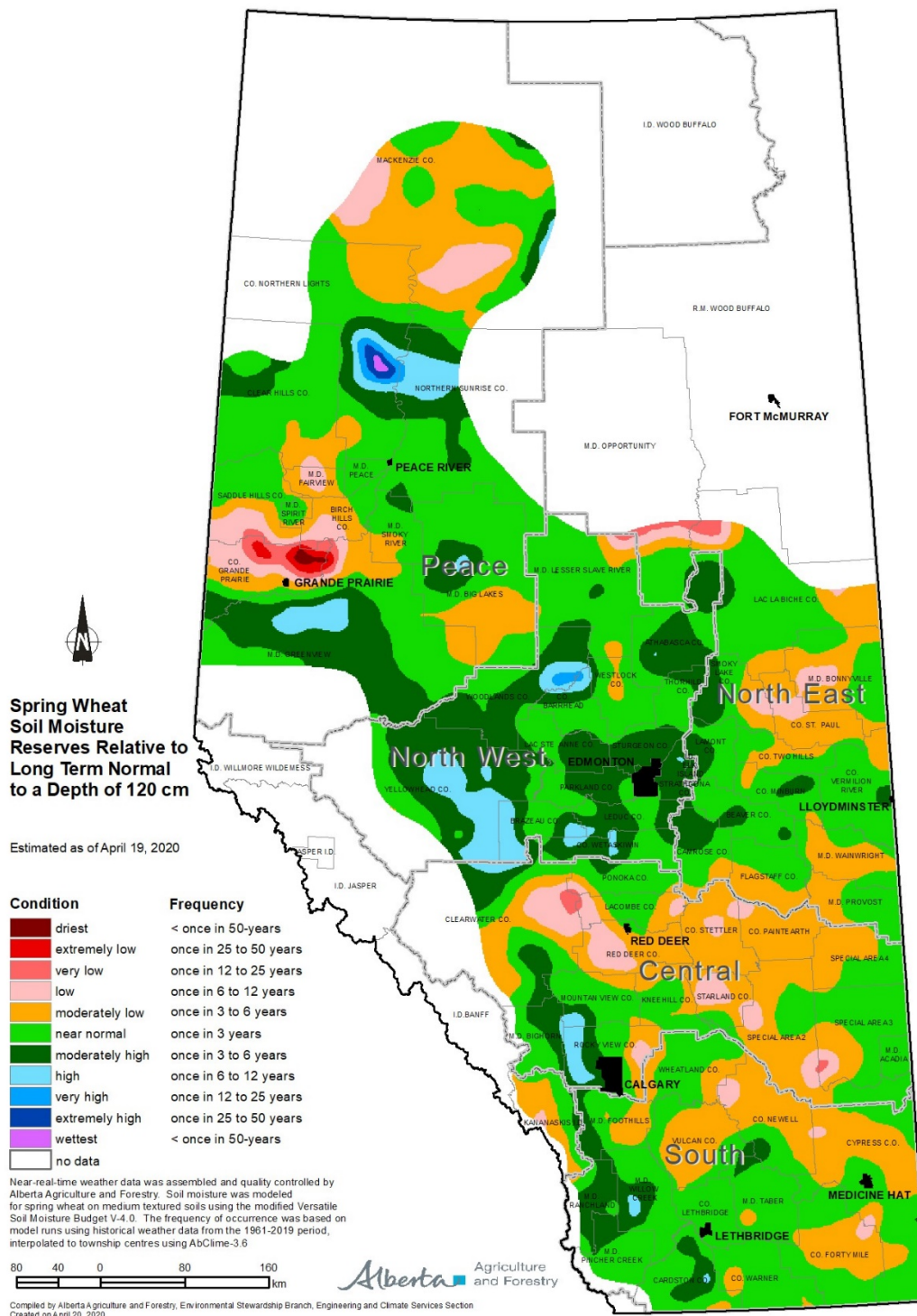
Map 4 365 day precipitation accumulations relative to normal.

- Some persistent dry areas in the south
- Persistent wet areas, through the southern Peace region and along the foothills, extending eastward well into the North West region.

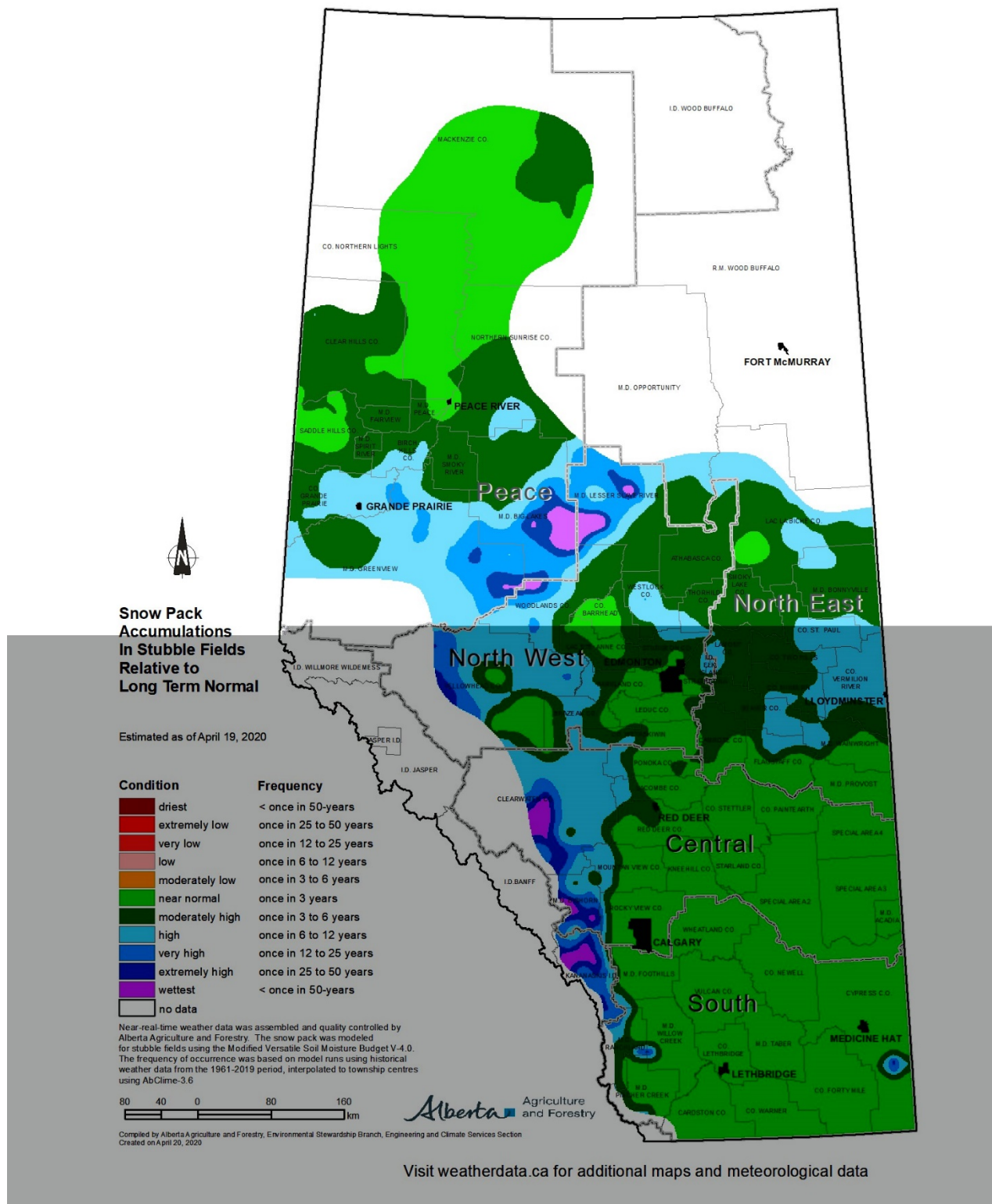
Ralph Wright
Agrometeorology Applications and Modelling Unit
780-446-6831

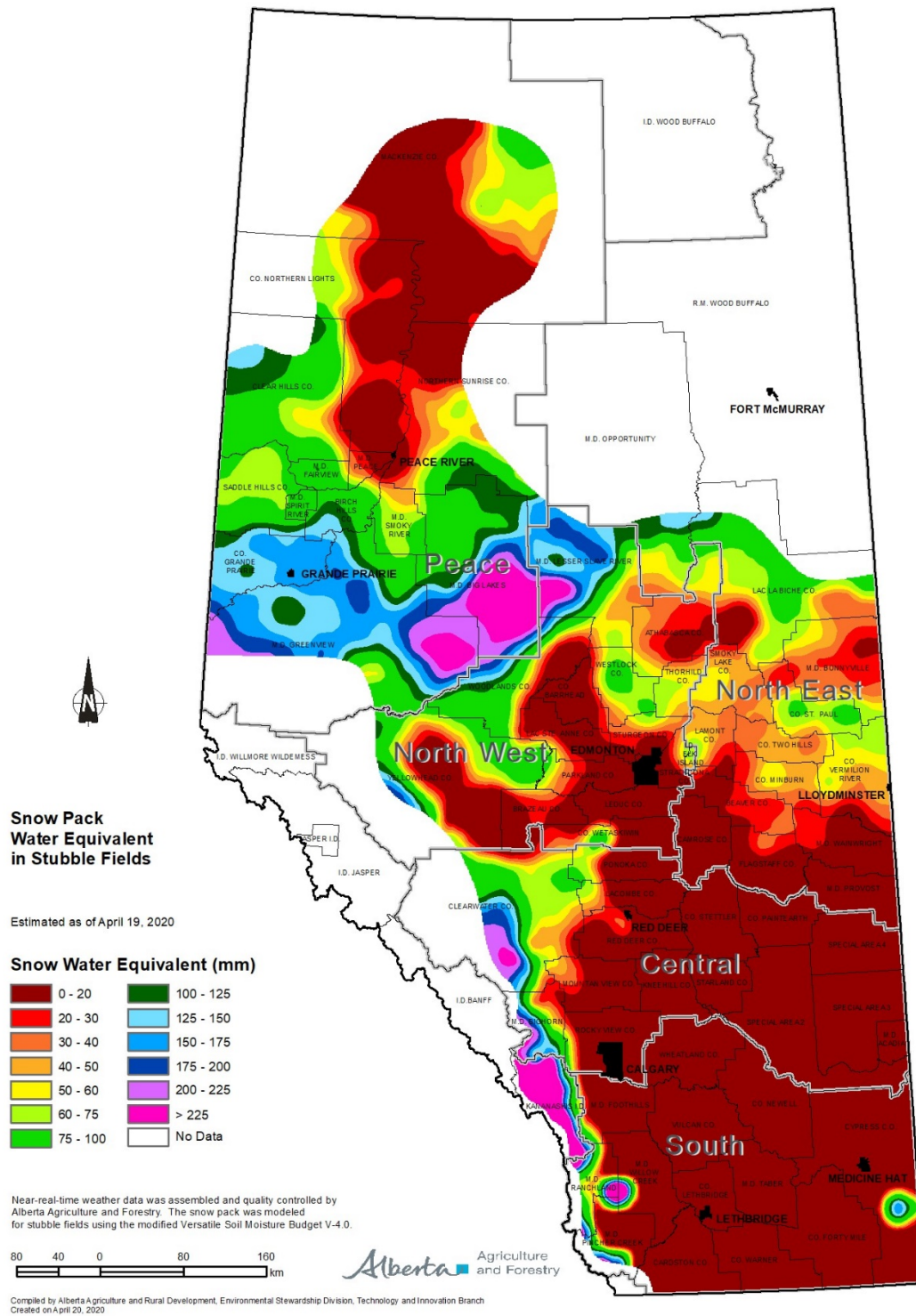


Visit weatherdata.ca for additional maps and meteorological data



Visit weatherdata.ca for additional maps and meteorological data





Visit weatherdata.ca for additional maps and meteorological data

2020

Alberta Agriculture Hall of Fame Nomination Form

Entry Deadline: May 15, 2020

The Alberta Agriculture Hall of Fame was created to recognize outstanding individuals who have made significant contributions to the agriculture and food industry, and to the development and sustainability of rural life in Alberta. Agriculture and Forestry inducts up to three individuals at each awards ceremony. For further information on the program please contact susan.lacombe@gov.ab.ca or 780-968-6557 (dial 310-0000 for a toll-free connection).

Who is eligible?

Individuals who have demonstrated leadership in farm, rural or commodity organizations, or in the food industry, are eligible candidates for the Alberta Agriculture Hall of Fame. Leadership must have been demonstrated over many years at the provincial level, and the candidate must have made a significant province wide impact on the industry as a whole. Candidates may be nominated posthumously. For a listing of past inductees visit: <https://www.alberta.ca/alberta-agriculture-hall-of-fame.aspx#toc-1>

Who can nominate an individual to the Alberta Agriculture Hall of Fame?

The candidate must be nominated by three individuals other than members of the candidate's immediate family. The nomination form must be signed by all three nominators. Nominators may submit the nomination on behalf of an organization or independently as an individual.

Note that the information provided in the nomination form must stand on its own, and is the primary document used for evaluating candidates. In addition to the completed nomination form, three letters of recommendation should be provided (letters should not exceed two pages each). Additional information is not required or encouraged.

Who sits on the Selection Panel?

The Selection Panel is appointed by the Deputy Minister of Agriculture and Forestry, and is comprised of a cross section of non-government individuals representing Alberta's agriculture industry.

Send nominations to:

Electronic submissions are preferred and can be emailed to:

susan.lacombe@gov.ab.ca

Paper submissions are acceptable and can be mailed to:

Alberta Agriculture Hall of Fame
Provincial Building
#106, 4709 - 44 Avenue
Stony Plain, AB T7Z 1N4

Please do not put the nomination in a binder if mailing your submission.

Forms can be obtained from:

<https://www.alberta.ca/alberta-agriculture-hall-of-fame.aspx#toc-0>

Deadline:

May 15, 2020

Part A: The Candidate

Candidate's full name:
Home Address: (including town or city, and postal code)
Phone Number and Email Address:

Nominated by:

We, who have signed below, nominate this candidate to be considered for admission to the Alberta Agriculture Hall of Fame. We certify that the information provided is true to the best of our knowledge.

Nominator 1

Name
Phone number
Email
Signature
If nomination is made on behalf of an organization, provide your title and organization name.

Nominator 3

Name
Phone number
Email
Signature
If nomination is made on behalf of an organization, provide your title and organization name.

Nominator 2

Name
Phone number
Email
Signature
If nomination is made on behalf of an organization, provide your title and organization name.

If we need further information about the candidate, we should contact:

Name	Phone Number
Email	

The personal information collected will only be used to administer the Alberta Agriculture Hall of Fame Award program. It is collected under the authority of and is subject to the *Freedom of Information and Protection of Privacy Act*. If you have any questions, please contact the program coordinator at 780-968-6557, susan.lacombe@gov.ab.ca or #106, 4709 - 44 Avenue, Stony Plain, AB, T7Z 1N4.

Part B:
Personal Information

Candidate's full name:
Place of birth:
If deceased, please provide year:
Spouse's name:
Names of immediate family members:
Education:

Biographical Sketch: Please provide a brief biographical sketch of the candidate providing an overview of their life and career directly below (introduce your candidate to the Selection Panel; limit to half a page):

Part C: Leadership in Community and Business Organizations (one – two pages)

C1. Local or Regional Organizations			
Organization	Year(s)	Position(s)	Candidate's unique contribution

C2. Provincial Organizations			
Organization	Year(s)	Position(s)	Candidate's unique contribution

C3. National or International Organizations			
Organization	Year(s)	Position(s)	Candidate's unique contribution

Part D:

Achievements (limit to two pages)

D1. How did the candidate's initiative and leadership lead to significant developments within an organization or in agricultural practices?

D2. What lasting, industry wide impacts or outcomes did these achievements have in Alberta?

D3. Why is the candidate's contribution unique? What was their specific part?

D4. What other awards or recognition has the candidate received?

D5. How has the candidate volunteered time and talent to his or her broader community?

Part E: Please include three letters of recommendation (may be written by the nominators or different people; two page maximum per letter).



Telephone 780.837.2900
Fax: 780.837.8223
email: manager@sarda.ca
Box 90, Falher AB T0H 1M0



March 2, 2020

Municipal District of Greenview
Box 1079
Valleyview, AB
T0H 3N0

Attn: Quentin Bochar

Dear Quentin:

RE: Extension Report 2019

Please find enclosed a report on our extension program for 2019. If there are photos you would like to use from the photo gallery, you may contact me and I will forward the photo electronically. Please call if I can supply any further information on any of the events or activities.

Yours truly

A handwritten signature in dark ink, reading "Shelleen Gerbig".

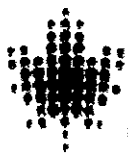
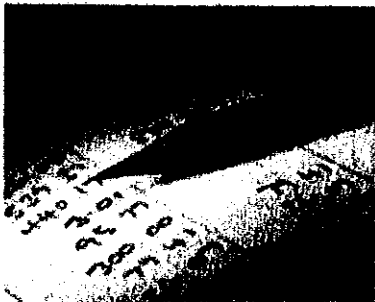
Shelleen Gerbig, P.Ag.
Extension Coordinator
SARDA Ag Research

SYLVAIN & COMPANY

SMOKY RIVER APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION

Financial Statements

For the Year Ended December 31, 2019



CPA

CHARTERED
PROFESSIONAL
ACCOUNTANTS

SMOKY RIVER APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION
FINANCIAL STATEMENTS

December 31, 2019

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SYLVAIN & COMPANY

Chartered Professional Accountants

Michel A. Sylvain, CPA, CGA*
Jean R. Sylvain, CPA, CGA*
Karen D. Lambert, CPA, CGA*

Box 5
Falher, Alberta T0H 1M0
Telephone: (780) 837-2401
Facsimile: (780) 837-3434
Email: sylvainco@telus.net

INDEPENDENT AUDITOR'S REPORT

To the Directors of
SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION

Opinion

We have audited the accompanying financial statements of SARDA (the Association), which comprise the statement of financial position as at December 31, 2019, and the statements of revenues and expenditures, changes in net assets and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Association as at December 31, 2019, and the results of its operations and cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Association in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with those requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Association's ability to continue as a going concern, disclosing, as applicable, matters relating to going concern and using the going concern basis of accounting unless management either intends to liquidate the Association or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Association's financial reporting process.

(continues)

Independent Auditor's Report to the Directors of SARDA (continued)

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain a professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion of the effectiveness of the Association's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Association's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Association to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.


CHARTERED PROFESSIONAL ACCOUNTANTS

Falher, AB
February 06, 2020

SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION
STATEMENT OF FINANCIAL POSITION

As at December 31, 2019

	2019	2018
ASSETS	\$	\$
Current Assets		
Cash and short-term investments (Note 3)	55,609	218,255
Accounts receivable	231,658	96,931
Goods and services tax recoverable	12,253	7,484
Inventory	2,961	9,248
Prepaid Expenses	10,298	9,354
	312,779	341,272
Capital Assets (Notes 2 and 4)		
Land	63,357	63,357
Buildings	161,800	169,652
Equipment	248,973	236,011
Automotive	644,822	409,715
Computer	3,416	4,555
	1,122,368	883,290
Other Assets		
Cash and short-term investments designated for capital (Note 3)	756,352	737,130
Equity held in co-operatives	11,147	8,699
	767,499	745,829
	2,202,646	1,970,391
LIABILITIES AND NET ASSETS		
Current Liabilities		
Accounts payable and accruals	71,512	45,305
Employee related liabilities	15,050	4,056
Deferred contributions (Note 5)	75,364	130,005
	161,926	179,366
Unamortized capital contributions (Note 6)	139,200	-
	301,126	179,366
Net Assets		
Invested in capital assets (Note 7)	983,168	883,290
Internally restricted (Note 8)	768,352	757,735
Unrestricted net assets	150,000	150,000
	1,901,520	1,791,025
	2,202,646	1,970,391

See accompanying notes to the financial statements.

SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION
STATEMENT OF REVENUES AND EXPENDITURES

For the Year Ended December 31, 2019

	Budget (Unaudited)	2019	2018
	\$	\$	\$
REVENUES			
Federal Funding			
Canada Summer Jobs	21,000	21,000	16,320
Provincial Funding			
Agriculture opportunity - Core	136,250	38,750	155,000
Agriculture opportunity - Enhancement	-	-	21,875
Canadian Agricultural Partnership	142,916	107,187	-
Local Funding			
County of Grande Prairie	60,000	60,000	40,000
Municipal District of Big Lakes #125	30,000	30,000	30,000
Municipal District of Greenview #16	60,000	60,000	60,000
Municipal District of Smoky River #130	60,000	60,000	60,000
Northern Sunrise County	70,000	70,000	70,000
Environmental program - Municipalities	70,000	70,000	70,000
Industry and Other Funding			
ARECA - pest monitoring	-	-	12,448
General plot income	461,113	537,918	473,865
From Own Sources			
Expense recovery	-	4,047	1,639
Donations and sponsorships	1,500	3,250	550
Investment income	12,000	11,927	12,902
Patronage dividends	3,000	3,492	2,959
Registration fees	1,000	1,580	1,620
	1,128,779	1,079,151	1,029,178
EXPENSES			
Advertising, donations, and promotion	30,000	26,847	23,286
Board honorarium and expense	18,000	5,747	14,743
Employee travel, lodging and meals	17,500	14,267	16,941
Equipment rental	800	-	154
Food and caterers	8,000	7,112	7,046
Freight and trucking	3,000	2,292	2,439
Gas and oil	27,000	22,772	25,749
Insurance and licenses	8,500	11,140	8,438
Interest and bank charges	1,000	107	568
Land and facility rental	40,000	38,358	36,607
Office supplies, subscriptions and registrations	34,200	19,274	25,735
Pest monitoring	62,600	44,726	-
Pesticides, fertilizer and seed	4,600	6,540	2,821
Professional fees	14,000	14,139	13,550
Property taxes	7,000	6,890	6,309
Repairs and maintenance	36,204	26,815	35,349
Shop and field supplies	13,000	16,147	14,864
Small equipment and tools	-	879	2,854
Soil and sample analysis	43,700	32,167	42,011
Speakers and presenters	5,000	1,245	180
Sub-contract	15,000	22,793	15,615
Telephone, postage, and internet services	10,000	8,415	8,705
Transfer to other organization - deep banding project	44,280	44,280	43,200
Utilities	8,000	8,170	7,584
Wages, benefits and WCB	625,000	584,916	575,513
Yard maintenance	500	8	369
	1,076,884	966,046	930,630
	51,895	113,105	98,548
Other revenues (expenses)			
Amortization of capital contributions (Note 6)	-	5,800	-
Insurance proceeds	4,204	23,260	6,087
Repairs, tools - insurance claim	-	(17,910)	-
Amortization of capital assets (Note 4)	(50,000)	(59,837)	(48,102)
Gain (loss) on disposal of capital assets	7,000	(3,151)	-
	(38,796)	(51,838)	(42,015)
Excess (deficiency) before Trade Show	13,099	61,267	56,533
Excess (deficiency) Trade Show - (Appendix A)	-	49,228	(1,662)
Excess (deficiency) of revenues over expenses	13,099	110,495	54,871

See accompanying notes to the financial statements.

**SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION
TRADE SHOW**

Appendix A

STATEMENT OF REVENUES AND EXPENDITURES

For the Year Ended December 31, 2019

	2019	2018	2017
REVENUES	\$	\$	\$
Booth rentals	143,350	-	133,500
Donations and raffle	56,750	-	71,224
Expense recovery	1,057	-	-
Interest	21	3	41
Rent - Log Cabin	1,050	-	-
Provincial grants	-	-	34,610
Ticket sales - Entertainment	8,640	-	8,000
	210,868	3	247,375
EXPENSES			
Alcohol license	255	-	414
Advertising and promotion	22,569	-	25,898
Contracted services - coordinator	43,050	-	41,205
Contracted services - other	6,190	-	2,841
Display company	36,209	-	30,425
Door prizes	1,500	-	1,500
Entertainment	10,002	-	8,645
Equipment rental	2,315	-	248
Facility rental	9,124	-	8,489
Food and caterers	15,941	-	16,020
Interest and bank charges	3,147	25	-
Postage , office and show supplies	4,551	-	10,858
Professional fees	1,640	1,640	1,640
Security	3,500	-	3,500
Utilities	1,647	-	1,628
	161,640	1,665	153,311
	49,228	(1,662)	94,064
Other revenues (expenses)			
Contributed capital assets	-	-	-
Excess (deficiency) revenues over expenses	49,228	(1,662)	94,064

See accompanying notes to the financial statements.

SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION
STATEMENT OF CHANGES IN NET ASSETS

For the Year Ended December 31, 2019

	Invested in Capital Assets	Internally Restricted (Note 8)	Un- restricted	2019	2018
	\$	\$	\$	\$	\$
Balance, beginning of year	883,290	757,735	150,000	1,791,025	1,736,154
Excess (deficiency) of revenues over expenses	(54,037)	-	164,532	110,495	54,871
Investment in capital assets	153,915	(162,520)	8,605	-	-
Internally imposed restrictions	-	173,137	(173,137)	-	-
	983,168	768,352	150,000	1,901,520	1,791,025

See accompanying notes to the financial statements.

SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION
STATEMENT OF CASH FLOWS

For the Year Ended December 31, 2019

	2019	2018
	\$	\$
OPERATING ACTIVITIES		
Excess (deficiency) of revenues over expenses	110,495	54,871
Non-cash items included in excess of revenues over expenses:		
Amortization of capital contributions	(5,800)	-
Amortization of capital assets	59,837	48,102
Loss (gain) on disposal of assets	3,151	-
Changes in non-cash operating components:		
Accounts receivable	(134,727)	(22,523)
Goods and services tax recoverable	(4,769)	6,068
Inventory	6,287	1,192
Prepaid expenses	(944)	(8,265)
Accounts payable and accruals	26,207	24,729
Employee related liabilities	10,994	(2,523)
Deferred contributions	(54,641)	69,380
Cash provided by (applied to) operating transactions	16,090	171,031
CAPITAL ACTIVITIES		
Acquisition of capital assets	(311,966)	(98,680)
Proceeds on disposition of capital assets	9,900	-
Contributions received for capital purposes	145,000	-
Cash provided by (applied to) capital transactions	(157,066)	(98,680)
INVESTING ACTIVITIES		
Equity held in co-operative	(2,448)	(2,585)
Decrease (Increase) in restricted cash and cash equivalents	(19,222)	(45,688)
Cash provided by (applied to) investing transactions	(21,670)	(48,273)
FINANCING ACTIVITIES		
Proceeds from long-term debt	-	-
Repayment of long-term debt	-	-
Cash provided by (applied to) financing transactions	-	-
CHANGE IN CASH AND CASH EQUIVALENTS DURING THE YEAR	(162,646)	24,078
CASH AND CASH EQUIVALENTS (SHORTAGE), BEGINNING OF YEAR	218,255	194,177
CASH AND CASH EQUIVALENTS (SHORTAGE), END OF YEAR	55,609	218,255
Cash and cash equivalents is made up of:		
Cash and short-term investments (Note 3)	811,961	955,385
Less: restricted portion of cash and short-term investments (Note 3)	(756,352)	(737,130)
	55,609	218,255

See accompanying notes to the financial statements.

SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION

NOTES TO THE FINANCIAL STATEMENTS

For the Year Ended December 31, 2019

1. STATUS AND PURPOSE OF THE ORGANIZATION

The association was incorporated under the Alberta Societies Act on April 29, 1986. It is a non-profit organization and is exempt from income tax as a registered charity under the Income Tax Act. The purpose of this association is to conduct applied research and demonstration to facilitate and improve agriculture production.

2. SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The Association prepares its financial statements in accordance with Canadian accounting standards for not-for-profit organizations (ASNPO). The significant accounting policies are detailed as follows:

Recognition of Contributions

SARDA follows the deferral method in accounting for contributions. Restricted contributions are recognized as revenue in the year in which the related expenses are incurred. Unrestricted contributions are recognized as revenue when they are received or receivable if the amount receivable can be reasonably estimated and its collection is reasonably assured. Endowment contributions are recognized as direct increases in net assets in the year.

Restricted contributions for the purchase of capital assets to be amortized are deferred and recognized as revenue over the useful life of the related capital asset.

Restricted investment income is recognized as revenue in the year in which the related expenses are incurred. Unrestricted investment income is recognized as revenue when earned.

Cash and Cash Equivalents

Cash and cash equivalents consists of cash on hand, balances with banks and deposits with an original maturity date of purchase of three months or less. Because of the short term maturity of these investments, their carrying value approximates fair value.

Inventory

Inventory of consumable supplies are recorded at the lower of cost and net realizable value, with costs being realized on a first-in first-out basis.

Use of Estimates

The preparation of financial statements in conformity with Canadian accounting standards for not-for-profit organizations requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenue and expenditure during the period. Where measurement uncertainty exists, the financial statements have been prepared within reasonable limits of materiality. Actual results could differ from those estimates.

SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION
NOTES TO THE FINANCIAL STATEMENTS

For the Year Ended December 31, 2019

2. SIGNIFICANT ACCOUNTING POLICIES (Continued)

Financial Instruments Policy

Financial instruments are recorded at fair value when acquired or issued. In subsequent periods, financial assets with actively traded markets are reported at fair value, with any unrealized gains and losses reported in income. All other financial instruments are reported at amortized cost, and tested for impairment at each reporting date. Transaction costs on the acquisition, sale, or issue of financial instruments are expensed when incurred.

Capital Assets

Purchased capital assets are recorded at cost which includes all amounts that are directly attributable to acquisition, construction, development or betterment of the asset. Contributed capital assets are recorded at fair value at the date of contribution. The cost, less residual value, of the capital asset is amortized on a straight-line basis over the estimated useful life as follows:

	Residual Value	YEARS
Buildings	0%	25
Equipment		
Non-motorized equipment	0%	20
Motorized small equipment	0%	15
Seed drills	25%	20
Computer equipment	0%	5
Automotive		
Vehicles	0%	10
Motorized farm equipment	25%	25

A full year of amortization is recorded in the year of acquisition and no amortization is recorded in the year of disposal.

3. CASH AND SHORT-TERM INVESTMENTS

	2019	2018
	\$	\$
Cash	255,111	403,998
Short-term investments	556,850	551,387
	811,961	955,385

Short-term investments are deposits with original maturities of three months or less.

The Board of Directors has designated funds of \$756,352 (2018: \$737,130) included in the above amounts for capital asset replacement (Note 8).

SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION
NOTES TO THE FINANCIAL STATEMENTS

For the Year Ended December 31, 2019

4. CAPITAL ASSETS AND ACCUMULATED AMORTIZATION

COST	2018	Additions	Disposals	2019
	Balance			Balance
	\$	\$	\$	\$
Land	63,357	-	-	63,357
Building	202,465	-	-	202,465
Equipment	395,833	40,877	19,344	417,366
Computer equipment	27,627	-	5,040	22,587
Automotive	630,950	271,089	64,619	837,420
	1,320,232	311,966	89,003	1,543,195

ACCUMULATED AMORTIZATION	2018	Amortization	Deletions	2019
	Balance			Balance
	\$	\$	\$	\$
Building	32,813	7,852	-	40,665
Equipment	159,822	14,864	6,293	168,393
Computer equipment	23,072	1,139	5,040	19,171
Automotive	221,235	35,982	64,619	192,598
	436,942	59,837	75,952	420,827

NET BOOK VALUE	2019		2018
	\$		\$
Land	63,357		63,357
Building	161,800		169,652
Equipment	248,973		236,011
Computer equipment	3,416		4,555
Automotive	644,822		409,715
	1,122,368		883,290

5. DEFERRED CONTRIBUTIONS

	Beginning	Received	Recognized	2019	2018
	\$	\$	\$	\$	\$
AG Opportunity - Core	38,750	-	38,750	-	38,750
Bayer	4,500	-	4,500	-	4,500
Canadian Agri Partnership	-	142,916	107,187	35,729	-
CAP Pest monitoring - Gov't	-	64,688	38,112	26,576	-
CAP Pest monitoring - Other	-	15,000	12,704	2,296	-
Consortium deep banding	50,430	50,466	93,383	7,513	50,430
Fabbabean	9,775	23,400	33,175	-	9,775
Sponsorships	-	3,250	-	3,250	-
Trade Show	26,550	-	26,550	-	26,550
	130,005	299,720	354,361	75,364	130,005

Deferred contributions represent unspent resources restricted for operating funding, received in the current period that is related to the subsequent period.

SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION

NOTES TO THE FINANCIAL STATEMENTS

For the Year Ended December 31, 2019

6. UNAMORTIZED CAPITAL CONTRIBUTIONS

	Beginning	Received	Amortized	2019	2018
	\$	\$	\$	\$	\$
Peace Region Forage Seed	-	145,000	5,800	139,200	-

Deferred capital contributions represent the unamortized amount of funding received for the purchase of capital assets. The amortization of capital contributions is recorded as revenue in the statement of operations.

7. INVESTMENT IN CAPITAL ASSETS

	2019	2018
	\$	\$
Capital assets - net book value (Note 4)	1,122,368	883,290
LESS: Unamortized capital contributions (Note 6)	(139,200)	-
	983,168	883,290

8. INTERNAL RESTRICTIONS ON NET ASSETS

Trade Show

In 1987 SARDA took over the duties of organizing the Trade Show. SARDA by way of a Board motion has restricted \$12,000 of funds to be retained in a bank account and be used for Trade Show purposes only.

Capital asset replacement

The board of directors for SARDA established a policy to allocate excess surplus funds to a capital reserve for future capital asset purchases.

Special projects

The board of directors may designate funds for special purposes as per their allocation of surplus policy to be used solely for those projects.

SARDA may not use these internally restricted amounts for any other purpose without the approval of the board of directors.

	Trade Show	Capital Asset	Special Projects	2019	2018
	\$	\$	\$	\$	\$
Beginning balance	12,000	737,130	8,605	757,735	753,442
Add: new restrictions	-	173,137	-	173,137	151,174
Less: funds used	-	(153,915)	(8,605)	(162,520)	(146,881)
	12,000	756,352	-	768,352	757,735

SMOKY APPLIED RESEARCH AND DEMONSTRATION ASSOCIATION

NOTES TO THE FINANCIAL STATEMENTS

For the Year Ended December 31, 2019

9. FINANCIAL INSTRUMENTS

The Association's financial instruments consist of cash and short-term investments, receivables, accounts payable, and accrued liabilities. It is management's opinion that the association is not exposed to significant interest, currency, or credit risk arising from these financial statements. Unless otherwise noted, the fair value of these financial instruments approximates their carrying values.

10. APPROVAL OF FINANCIAL STATEMENTS

The Board of Directors and Management have approved these financial statements.

2019 Extension Program (January 1 – December 31)

Shaded rows indicate ongoing activities

Event/Activity	Date	Participants /Contacts	Topics
Back Forty Newsletter (B40)	6 issues per year	22,000	A wide range of topics covered. List of Newsletter articles and events available upon request. 6 issues completed
Website (~1600 hits/month)	All Year	18,000	Launched revamped site late Dec. 2017 List of articles, events and content changes included in this report Averages for the year 1573 pages and 506 visitors per month
Mail Chimp Notifications	All Year	57,000	Newsletters, events, information 145 notifications & approximately 500 addresses 122 emails delivered to 57 287 recipients
2019 Annual Research Reports Electronic only	Still being prepared		Trial Reports, and program reports included in this report View research summary
Peer Reviewed Papers	papers		Fertility, plant density, PGR, foliar fungicides, crop rotations, intercropping, etc. 1 posted for 2019; 1 accepted for 2020
SARDA Ag Research Agricultural Trade Show Next show-March 18-20, 2021	March, 14, 15, 16 2019		Planning for next show begins in 2020 150 exhibition booths, numerous seminars, pancake breakfasts, exhibitors appreciation, farmers appreciation, farm safety, demonstrations, auction – Sold out by January 21, 2019
Newspaper articles and advertisements	All Year		List of articles and distribution included in this report
Clubroot Meeting Road Show 2019 (two locations) Manning and Rycroft	February 27 & 28	41	Clubroot Disease Characteristics, Management Techniques, Alternative Crops and Crop Rotations, Local Municipal Presentations on sampling and policies
Annual Extension Event (AGM) 2019	February 21	34	Ag Open GPS, Trade Show Report and a Hail of a Presentation

Industrial Hemp Market Information Session	March 5	65	Co-host with Ec Dev. Presented information on hemp research
Farm Family Safety Day	March 16	250+	TS event. Specifically for families
TS Wetlands presentation	March 14	10	TS event. Co-host with MPWA, NSC, WAC
Trade Show (TS)	March 14, 15, 16	5000	Sold out event. Organized by SARDA
(TS) Farmer Appreciation	March 15	250	SARDA shows its gratitude to the community for its support with a subsidized supper and comedic entertainment.
(TS) Pancake Breakfast	March 15	350	Cohosted with Syngenta
(TS) Pancake Breakfast	March 16	350	Cohosted with BASF
(TS) Seminars	March 14 & 15	60	5 million acres, FMC, Bio Stimulants, Drones 101, Pay Less Tax with FBC, Manipulator Plant, Ag Risk Management, Farm Cash
Peace Country Agronomy Meeting – Rycroft	April 4	43	SARDA presented information on wheat and pea varieties
Classroom Ag Program (CAP)	June 21	99	CAP in Valleyview schools. Completed in June
Foot Prints Self-guided Tours	June - September	No tracking mechanism	Trials and plots have signs describing the trials.
Field School	July 25	75	Pest Management, Biobeds, Virtual tour of plots and explanations on trials, A Hail of a presentation, Industrial Hemp research and marketing, Precision Planter Demonstration
PCBFA Field Day	August 1	50+	SARDA display
Canterra Promotion Tour	August 6	30	SARDA grew the plots and participated by giving the agronomy information
Morning Coffee and Plot Walk	August 6	30	Cohosted with PCBFA, show the High Prairie Plots
WheatStalks	August 8	75	SARDA grew plots at the Teepee Creek area and had a display involving the display board and signage for the plots.

Plot Harvest	Sept/Oct		
Next Level Farming	Nov. 20	20	SARDA had a revolving video display
Clubroot Meeting	Nov. 21	15	Held at Triangle Community Hall, SARDA showed the revolving video display
Powering Your Profits	Nov. 27	32	Held at Triangle Community Hall, SARDA showed the revolving video display
Powering Your Profits	Nov. 28	68	Held in Grande Prairie, SARDA showed the revolving video display
Farm Safety	December 4	Cancelled	Workshop cancelled due to poor registration. We will look at holding one in 2020
AGM	February 20, 2020		Keynote speaker - Lesley Kelly

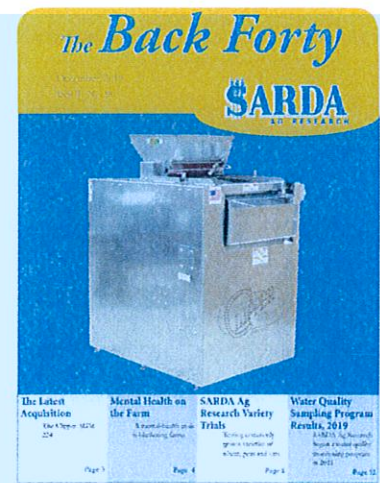
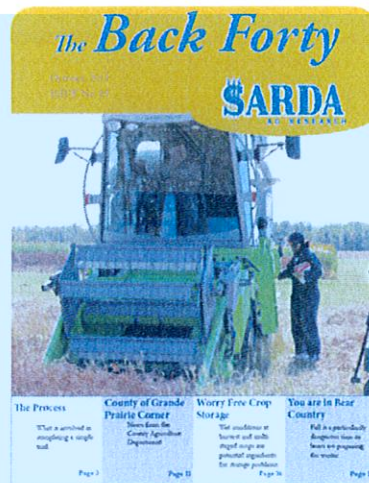
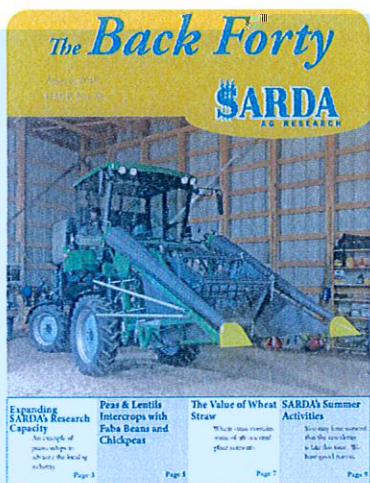
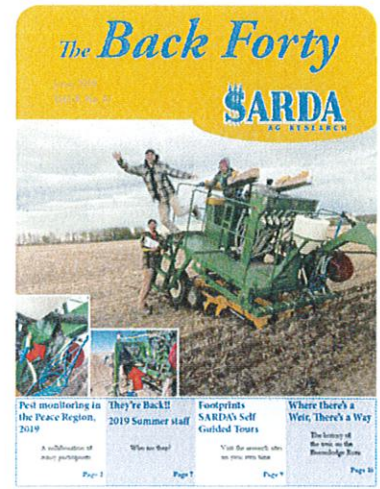
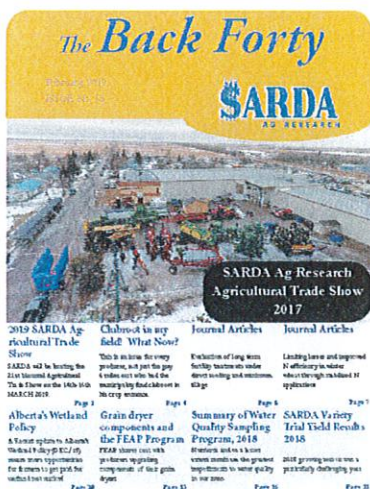
2019 Research Program (January 1 – December 31)

Research Project	Last Year of Trial	# Treatments	# Trials	Description
Deep Banding	2020	27	1	Effects of one time deep banding versus annual shallow banding (current practice) of immobile nutrients (P, K, Cu) over a 3 year period on peas, wheat and canola
SARVT (Smoky Applied Regional Variety Trials)	N/A	74	6	Local variety trials using varieties commonly grown in the peace region of Alberta. 2019 trials consisted of CWRWS Wheat (21 trts), CWHWS Wheat (3 trts), Oats (5 trts), Yellow Peas (8 trts). All trials replicated in two locations.
RVT (Regional Variety Trial)	N/A	226	16	Variety trials administered by Alberta Agriculture that are done throughout the province. 2019 trial consisted of Wheat, barley, oats, green peas, yellow peas, fababeans and flax
RST (Regional Silage Trials)	N/A	37	4	Silage variety trials consisting of barley, oats, wheat + triticale and cereal pea mixtures.
Faba bean Fungicide	2020	16	1	To optimize faba bean production and yield through the use of different fungicides to control Chocolate spot (<i>Botrytis</i> sp) and <i>Ascochyta</i> blight in four Alberta soil zones
Faba bean Herbicide	2020	24	1	2 year trial- To determine the effect of select herbicide residues from preceding cereal crops on the following faba bean crop. 7 in wheat crop spray application treatments and 16 pre-seeding fababeans spray applications.
CPT	N/A	37	2	The goal of the Canola Performance Trials (CPT) is to evaluate currently available commercial canola seed varieties available to farmers

Research Project	Last Year of Trial	# Treatments	# Trials	Description
Industrial Hemp Variety	N/A	15	1	Comparison of industrial hemp seed and fiber varieties
Industrial Hemp Fertility	2021	20	1	Determine response to fertilizer types, rates, and timing for optimum fiber, grain and cannabinoid yields
Industrial Hemp Date & Rate	2021	18	1	Determine optimum seeding rate and planting date for maximum grain production and weed management.
Quinoa Herbicide	2019	7	1	Determine quinoa response levels to herbicides
Quinoa Fertility	2019	8	1	Determine optimal nitrogen rates for a quinoa crop
Novelty Crop Sequencing	2022	64	2	Determine the effects of a preceding crop using a set of zone specific staple crops and selected novel crops. This information will help producers make decisions on where to fit the novel crops they introduce into their crop rotation
Wheat Protein	N/A	9	2	To demonstrate the best N fertilizers type and rate combinations for maximizing protein content and yield in spring wheat
Ultra Early Wheat	N/A	12	1	Determine how seeding spring wheat earlier than the current recommended dates effects maturity and yield
Oat beta-glucan content	N/A	12	1	To investigate the impact of genotype and growing condition on the yield and B-Glucan content of milling oat varieties in Northern Alberta

Research Project	Last Year of Trial	# Treatments	# Trials	Description
Timothy (herbicide)	2021	7	1	Done in conjunction with Calvin Yoder (AB Ag), to determine effects of herbicide for minor use registration
Alsike Clover (Herbicide)	2021	7	1	Done in conjunction with Calvin Yoder (AB Ag), to determine effects of herbicide for minor use registration
Red Clover (Herbicide)	2021	7	1	Done in conjunction with Calvin Yoder (AB Ag), to determine effects of herbicide for minor use registration
Smooth Bromegrass (Herbicide)	2021	7	1	Done in conjunction with Calvin Yoder (AB Ag), to determine effects of herbicide for minor use registration
Creeping Red Fescue (Herbicide)	2021	7	1	Done in conjunction with Calvin Yoder (AB Ag), to determine effects of herbicide for minor use registration
Timothy (PGR)	2021	7	1	Done in conjunction with Calvin Yoder (AB Ag), to determine the level of benefit provided from PGR use
Alsike Clover (PGR)	2021	7	1	Done in conjunction with Calvin Yoder (AB Ag), to determine the level of benefit provided from PGR use
Creeping Red Fescue (PGR)	2021	10	1	Done in conjunction with Calvin Yoder (AB Ag), to determine the level of benefit provided from PGR use
Smooth Bromegrass (PGR)	2021	7	1	Done in conjunction with Calvin Yoder (AB Ag), to determine the level of benefit provided from PGR use

2019 Back Forty



2019 Newsletter Program

With the first newsletter of the year, SARDA Ag Research introduced a new look and feel to the Back Forty. The paper choice for the newsletter was upgraded to a glossy flyer weight instead of the newsprint we had used for many years. While this added some cost to printing, we were able to maintain the mailing weight to the first category and had no additional costs for added weight.

The template for the newsletter was freshly designed and we incorporated some new features. In the first couple of issues, we tried several designs. While some were kept, others were modified or dropped. For example, we now highlight SARDA articles and Peace Region information within a SARDA blue boundary. The complete Table of Contents is now located on page 2 with only feature articles shown on the home page. We will endeavor to use only SARDA photos on the front cover and have a description and photo credits on page 2.

In 2019, the number of farm mail boxes in the MD of Greenview, MD of Smoky River, Big Lakes County and Northern Sunrise County continues to decrease. The current distribution per issue is estimated as:

Number	Distribution Mechanism	Areas of Distribution
1450	Hard copies Neighbourhood Mail	MD Smoky River, County Big Lakes, MD of Greenview, Northern Sunrise County
750	Hard copies	County of Grande Prairie distributed
120	Hard copies	Peace Region Municipalities
180	Hard copies Distribution at meetings, workshops, etc.	Province wide
2500	Total Hard Copies	
500	Electronic versions- MailChimp	Prairie wide
2500	Electronic versions Website posting	World wide (~1400 hits per month)
3000	Total Estimated Electronic Copies	

In 2020, we plan on keeping the newsletter format, with minor changes. We will continue to build our electronic list of followers while still maintaining compliance with Anti-Spam legislation.

2019 Back Forty Newsletter Articles

It is becoming more important to categorize the articles in to different categories as AOF grant funders want to know what we have done for the different programs of AOF. Each article will be categorized using the following letters:

- G** General Program Articles – *Can be used for all categories*
- C** Cropping Articles
- E** Environmental Articles
- F** Forage/Livestock

2015, 2016 and 2017 newsletters were distributed through MailChimp which brings our distribution methods into line with Anti-Spam legislation. This is working very well and we will continue.

All newsletters are posted on the website, which was rebuilt in 2017 and launched in late December. We maintained the subscription feature on the home page of our webpage. When people subscribe their information is added directly to the MailChimp list. Our number of hits on the website jumped by 50% in the first month the new site was launched.

Publication Information!

2019 Issues	Submission Deadline	Publication Date
Winter Issue	January 31	February 13
Spring Issue	March 29	April 3 or 10
Summer Issue	May 31	June 5 or 12
Pre-Harvest Issue	July 26	August 7
Fall Issue	September 30	October 9
Year end Issue	November 29	December 11

Estimated Distribution Numbers per issue

Number	Distribution Mechanism	Areas of Distribution
1450	Hard copies Neighbourhood Mail	MD Smoky River, County Big Lakes, MD of Greenview, Northern Sunrise County
750	Hard copies	County of Grande Prairie
120	Hard copies	Peace Region Municipalities
180	Hard copies Distribution at meetings, workshops, etc.	Province wide
2500	Total Hard Copies	
500	Electronic versions- MailChimp	Prairie wide
2500	Electronic versions Website posting	World wide (~1400 hits per month)
3000	Total Estimated Electronic Copies	

February (24 pages) WINTER ISSUE 3100 copies

1443 neighbourhood mail

750 County of GP

120 MD's

787 copies (distribution at events, Trade Show, workshops and businesses)

504 electronic

3604

Articles	page	Contributor	G,C, E, F
2019 Agricultural Trade Show	2	Roch Bremont, SARDA	G
Clubroot in my Field! Now What?	4	Sheila Kaus, BLC	C
Journal Publications	6	Kabal Gill, SARDA	C
Update for Alberta's Wetland Policy Means Huge Opportunity for Farmers	10	Agri-News, Feb. 4	C
Grain dryer components and the FEAP Program	15	Aquality	E
Summary of Water Quality Sampling Program, 2018	16	Darcy and Shelleen, SARDA	C
SARDA Variety Trial Yield Results 2018, Spring Wheat	21		
<i>SARDA and Peace Region Content</i>		<i>14 pages</i>	

Advertising			Page
Visit www.canola.ab.ca	3	AFSC	20
SARDA FREE Information Session on Wetlands	5	Clubroot Information Sessions	20
Click Here for a complete list of Events	12-13	SARDA AGM	22
MPWA AGM	14	Notice – Do you receive the Back Forty?	23
ALUS	14	Industrial Hemp Market Information Session	23
Visit www.albertawheat.com	15	This publication made possible in part by: Government of Alberta, ACPC, APG and AWC	24
Visit www.pulse.ab.ca	17	Subscribe to receive....	24
Build a Legacy	19	Farmer Appreciation Event	24

Center Page Pullout Advertising & Events	12-13	
Logo ACPC – AB Canola Producers Commission		Logo MD of Greenview (GV)
Logo AWC – AB Wheat Commission		Logo Big Lakes County (BL) new
Logo APG- Alberta Pulse Growers		Logo Northern Sunrise County (NSC)
Logo ABC – AB Barley Commission		Logo County of Grande Prairie (GP)
Logo MD of Smoky River		
SARDA AGM		TS Information Seminars
PCBFA AGM		Pancake Breakfast
Soil Summit		Farmers' Appreciation Event
Clubroot Road Show		Pancake Breakfast
SARDA Trade Show		

April (24 pages) SPRING ISSUE 2500 copies

1443 neighbourhood mail

750 County of GP

130 municipal

177copies (available for distribution at events, workshops and businesses)

503 electronic

3005

Articles	page	Contributor	G,C, E, F
Natural Land: Lost Opportunity or valuable resource?	2	Gregory Sekulik, CCC	C, E
Crop Choice\$ 2019	5	AgriNews	C
What are your Fertilizer requirements for spring?	6	AgriNews	C
Importance of Seed Quality	8	Colorado State University	C
Importance of Seed Treatments	10	Alberta Seed Guide	C
While we are talking about seed quality...	14	Normand Boulet, SR	C
Farmer Pesticide Certificate Program	15	AgriNews	C
Ghosts of the Forest: Cougars in Alberta	16	Alberta Environment	E
Considering Plant Growth Regulators on Wheat? What you need to know?	18	Darcy Boisvert, SARDA	C
Working alone on the Farm	20	AgSafe Newsletter, March 4	G
Another successful Trade Show 2019	21	Roch Bremont, SARDA	G
2019 Blue Book now available	23	AgriNews	G
<i>SARDA and Peace Region Content</i>			<i>6 pages</i>

Advertising			Page
Visit www.albertacanola.com	3	MD of Smoky River Residents	20
ALUS	4	Visit www.pulse.ab.ca	21
Visit www.albertawheat.com	9	Notice – Do you receive the Back Forty?	23
MPWA AGM Meeting	9	Thank you for making the Trade Show a Success	24
Click Here for the Complete list of Events	12	Subscribe to receive....	24
Build a Legacy!	17	This publication made possible in part by: Government of Alberta, ACPC, and AWC (brown)	24

Center Page Pullout Advertising & Events	12-13		
Logo ACPC		Logo MD of Greenview (GV)	
Logo AWC – AB Wheat Commission		Logo Big Lakes County (BL) new	
Logo APG- Alberta Pulse Growers		Logo Northern Sunrise County (NSC)	
Logo ABC – AB Barley Commission		Logo County of Grande Prairie (GP)	
Logo MD of Smoky River			
Buttercup/Burdock Incentive Program		Footprints Tour	
Invasive Species Management Workshop		Summer Field School	
Canola Palooza		Argentina Agricultural & Sightseeing Tour	
Ag Drone School		Western Canada Conference on Soil Health & Grazing	
Ag Drone School			

June (24 pages) SUMMERISSUE 2500 copies

1443 neighbourhood mail

750 County of GP

130 municipal

177 copies (distribution at events, workshops and businesses)

505 electronic

3005

Articles	page	Contributor	G,C, E, F
Pest Monitoring in the Peace Region ,2019	3	SARDA and Jennifer Otani	G
They're Back!!! 2019 Summer Staff	7	SARDA	G
Footprints, SARDA's Self-Guided Tours	9	SARDA	G
Let Soil temp, not the calendar be your guide	14	SARDA, Megan Snell	C
Where there's a WEIR there's a Way	16	Adam Norris, MPWA	E
Watershed Planning and Advisory Councils	18	MPWA	E
Peace Region Clubroot Soil Sample Survey	19	Norm Boulet, AF MD of Smoky River	C
Falling Number and deoxynivalenol (DON) as potential grain grading factors	20	Canadian Grain Commission	C
Don't Let it loose!	21	Alberta Environment	E
Run in with a Powerline	22	AgSafe Newsletter May	G
Managing Fatigue	23	AgSafe Newsletter, June	G
<i>SARDA and Peace Region Content</i>		<i>11 pages</i>	

Advertising			Page
Visit www.albertacanola.com	6	AgSafe Alberta Incident Hotline	23
Visit www.albertawheat.com	8	Subscribe to receive	24
ALUS	11	SARDA Field Tour	24
Build a Legacy!	18	This publication made possible in part by: Government(green)	24

Center Page Pullout Advertising & Events	12-13		
Logo ACPC – AB Canola producers Commission		Logo MD of Greenview (GV)	
Logo AWC – AB Wheat Commission		Logo Big Lakes County (BL) new	
Logo APG- Alberta Pulse Growers		Logo Northern Sunrise County (NSC)	
Logo ABC – AB Barley Commission		Logo County of Grande Prairie (GP)	
Logo MD of Smoky River			
SARDA's Foot Print Tours		SARDA's Summer Field Tour	
Solstice Collaborative Forage Tour		WheatStalks	
LSC Annual General Meeting		Argentina Ag & Site seeing Tour	
Canola Palooza		Western Canada Conference on Soil Health & Grazing	
Grazing School with Dr. Allen Williams			

August (24 pages) Pre-Harvest Issue 2500 copies

1385 neighbourhood mail

120 MD's

750 County of Grande Prairie

45 within the office

200 available for distribution at events, workshops and businesses)

506 electronic**3006**

Articles	page	Contributor	G,C, E, F
Expanding SARDA's Research Capacity	3	Shelleen Gerbig, SARDA	G
Peas and Lentils Intercrops with Fava beans and Chickpeas	5	Dr. Kabal Gill, SARDA	C
The Value of Wheat Straw	7	NDSU with SARDA Input	C
SARDA's Summer Activities	9	Shelleen Gerbig, SARDA	G
Protect your investment, Keep it Clean	11	Keepitclean.ca	C
AFSC to conduct lending market assessment survey	15	AFSC	G
Peace Region Research	17	PCBFA	F
Guide to Managing Canola Harvest	19	Canola Council of Canada	C
Farm Injury/Fatality Statistics in Canada	22	http://www.abfarmsafety.com/resources/statistics.htm	G
Safety Up – At Harvest	23	AgSafe Alberta	G
<i>SARDA and Peace Region Content</i>		<i>7 pages</i>	

Advertising			Page
AFSC – We know you work hard....	4	AFSC – Lending a Hand	15
Visit www.albertacanola.com	6	Visit www.albertawheat.com	16
ALUS – NSC	7	Build a Legacy	16
Powering your profits	8	AgSafe Incident Hotline	23
Glyphosate – The No-To-Go of Fall	10	www.sarda.ca – website subscribe	24
Pre-Harvest Glyphosate	14	This publication made possible in part by: Government of Alberta, ACPC, AWC	24

Center Page Pullout Advertising & Events	12-13		
Logo ACPC – AB Canola producers Commission		Logo MD of Greenview (GV)	
Logo AWC – AB Wheat Commission		Logo Big Lakes County (BL) new	
Logo APG- Alberta Pulse Growers		Logo Northern Sunrise County (NSC)	
Logo ABC – AB Barley Commission		Logo County of Grande Prairie (GP)	
Logo MD of Smoky River			
Powering your Profits		Argentina Ag & Site seeing Tour	
Powering your Profits		Western Canada Conference on Soil Health & Grazing	
Powering your Profits		Prairie Cereals Summit	

October (24 pages) Harvest Issue 2500 copies

1375 neighbourhood mail

120 MD's

750 County of Grande Prairie

45 within the office

210 (available for distribution at events, workshops and businesses)

500 electronic

3000

Articles	page	Contributor	G,C, E, F
The Process	3	Shelleen Gerbig	G
County of Grande Prairie Corner	11	Sonya Raven, County of GP	G
Buyer Beware	15	Andrea Hanson, AB Ag	F
Worry Free Grain Storage	16	Agdex 736-13, Ohio State University Extension, Canadian Grain Commission, North Dakota State University Agriculture and Extension, Penn State University Extension	C
You are in Bear Country!	19	Alberta Bear Smart	G
Caught in Grain	20	North Dakota State University	C
<i>SARDA and Peace Region Content</i>		<i>14 pages</i>	

Advertising			Page
SARDA AGM and Extension	8	AFSC	14
Powering your profits - ACPC	9	AgSafe Alberta Hotline	14
Next Level Farming	9	Build a Legacy	18
Safety Management Workshop	10	Clean Farms	24
County of Grande Prairie-Bioswales	11	This publication made possible in part by: Government of Alberta, ACPC & AWC	24

For More Information

Center Page Pullout Advertising & Events	12-13		
Logo ACPC – AB Canola producers Commission		Logo MD of Greenview (GV)	
Logo AWC – AB Wheat Commission		Logo MD of Big Lakes (BL)	
Logo APG- Alberta Pulse Growers		Logo Northern Sunrise County (NSC)	
Logo ABC – AB Barley Commission		Logo County of Grande Prairie (GP)	
Logo MD of Smoky River		Logo Clear Hills County (CH)	
Clean Farms		Next Level Farming	
Farm Tax & Legal Update		Powering your Profits	
Bioswales		Argentina Ag & Sightseeing Tour	
Forest Fires, the Watershed & Source Water		AgSafe Workshop	
Working Well workshop		Western Canada Conference on Soil Health & Grazing	

December (24 pages) YEAR END ISSUE

1375 Neighbourhood Mail
 750 County of Grande Prairie
 120 to Peace Region Municipalities
 45 Distribution around bldg
 94 available for distribution to meetings
506 electronic distribution

2880 Total

Articles	page	Contributor	G,C, E, F
The latest Acquisition	3	Shelleen Gerbig, SARDA	G
Mental Health on the Farm	4	Globe and Mail, Highheelsandcanolafields.com	G
SARDA Ag Research Variety Trials	6	Megan Snell, SARDA	C
Publication in the Canadian Journal of Plant Science	8	R Bowness, MA Olson, D. Pauly, FH McKenzie, C. How, KS Gill, E Bremer	C
2019 Wheat Protein Trial Summary of Results	9	Darcy Boisvert, SARDA	C
Water Quality Sampling Program Results, 2019	14	Aquality Environmental Consulting Ltd.	E
Canola Storage	20	Canola Watch	C
AFSC ready to support clients facing unharvested acres	22	AFSC	C
First Aid Essentials: Ready or Not?	23	AgSafe Alberta	G
<i>SARDA and Peace Region Content</i>		<i>20 pages</i>	

Advertising			Page
SARDA AGM & Extension Event	4	This publication made possible in part by: Government of Alberta, ACPC, and AWC	24
AgSafe Hotline	5	Greetings from SARDA	24
SARDA will be closed for the Holidays	12	www.sarda.ca – free subscription	24
AFSC	23		

For More Information			

Center Page Pullout Advertising and Events	12-13		
Logo ACPC – AB Canola producers Commission		Logo MD of Greenview (GV)	
Logo AWC – AB Wheat Commission		Logo Big Lakes County (BL) new	
Logo APG- Alberta Pulse Growers		Logo Northern Sunrise County (NSC)	
Logo ABC – AB Barley Commission		Logo County of Grande Prairie (GP)	
Logo MD of Smoky River			
AgSafe Workshop		Agronomy Update 2020	
Conflict Resolution		Integrated Crop Management	
Septic Sense		Farm Tech 2020	
Prairie Cereals Summit		Peace Region Clubroot Response Meeting	
Working Well Workshop			



The Mailchimp notification program still continues to be a success, however we are not content to stay as is. Our goal is to reach even more people. With this in mind, we have changed the format once again. The change took effect in March. Instead of only promoting one or two stories each posting, we now post numerous articles 2-3 times a week.

With this change, we incorporate SARDA activities and events at the top of the email followed by the stories. Each story has an image of the publication in which the story was found, a snippet that will give the reader an idea of what the story is about, followed by a quick link "READ MORE" button. In some instances, producer surveys are also forwarded with appropriate links.

Using Mailchimp allows us to stay current on the anti-spam legislations with ease. The three main criteria that we adhere to with this program are:

1. Maintaining a current list of our audience members with the recorded date they became a member of the list and where they joined, whether it was an online subscription or their address was manually added.
2. Each email contains the required information on who is sending the communication.
3. Each email has the required quick links to update preferences and unsubscribe.

To ensure people are aware that they are subscribing, we have introduced a two step process, that is hosted on the SARDA Ag Research home page. After they subscribe, a notification is sent to the email subscribed asking them to confirm the subscription. This also allows SARDA Ag Research to subscribe emails but the person must confirm the subscription prior to being officially added.

The SARDA Ag Research home page also contains a link to previously posted emails. This allows producers to refer back to these emails. This spot has also under gone some renovation as we now only keep the last three months posted. This was done to reduce the sheer volume of material and remove those that are time sensitive.

In 2019, the number of subscribers hovered at just over 500 and ranged throughout the prairies, Ontario and even into the USA. In December, our number of subscribers fell under 500 with the layoffs of many of the Alberta Agriculture staff. Several of these staff have since subscribed under their personal emails. In addition, we have gained several new subscribers by attending numerous agricultural events in the Peace Region. We are back to our 500+ subscribers.

Information for the emails comes from the review of several newsletter which includes the AIC, AgSafe, Penn State University, North Dakota University, Western Producer and other Research Association, to only name a few. Articles are vetted based on guessed interest of our subscriber, and relevance to our area and our producers.



[Take the Survey](#)



Agriculture can be complex. It's

without glyphosate.

By Zero Gly, January 2, 2020

Glyphosate, the herbicide that has revolutionized weed control since its introduction in 1974, has steadily increasing restrictions and in some cases outright bans in various countries around the world.

[READ MORE](#)



AgSafe Alberta launches new and

improved Pesticide Plan

Media Release, January 12, 2020

On behalf of our board of directors and dedicated team of advisors, AgSafe Alberta is proud to announce the launch of the Alberta Pesticide Plan – complete with a new manual and workbook for farmers.

[READ MORE](#)



CWRC estimates over \$2.6 million

to Wheat Crop Development

Media Release, January 12, 2020

The Canadian Wheat Research Council (CWRC), a collaboration of the Saskatchewan Wheat Development Commission, the Alberta Wheat Commission, and the Manitoba Wheat and Barley Growers Association, has committed more than \$2.6 million over five years to a new breeding program (CDA) with the University of Saskatchewan's (USask) Crop Development Centre (CDC) for the development of spring wheat cultivars.

[READ MORE](#)



Southern Alberta farmer writes

back to educate kids about

agriculture

By CRAIG LESTER, Posted Jan 7, 2020

ROLLING HILLS (660 NEWS) — A new book aimed at teaching kids about the work that goes into producing food is set to be released this weekend.

[READ MORE](#)



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Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe](#) from this list.



Mail Chimp Notifications – 2019

Trade Show List SARDA Board List Back Forty List


	Notification Title	Source	List	Date	Deliveries
1	Top Canola Challenges of 2018	Top Crop	B40	Jan. 2	501
2	SARDA is now hiring!	SARDA	B40	Jan. 4	501
3	SARDA is now hiring!	SARDA	TS	Jan. 4	251
4	Scientist unveils blueprint to save bees & enrich farmers	The Guardian – Nov. 23, 2018	B40	Jan. 7	501
5	CPT 2018 Results Now Available	ACPC	B40	Jan. 9	503
6	Seeding spring wheat earlier this year?	Top Crop Manager	B40	Jan. 15	503
7	Weed Seed Bank	Agri-News Jan. 7	B40	Jan 17	503
8	Only 20 Trade Show Booths left!!	SARDA TS	B40	Jan 18	502
9	Only 20 Trade Show Booths left!!	SARDA TS	TS	Jan 18	248
10	Insect Outlook for 2019	AF – Scott Meers	B40	Jan. 21	503
11	Plants blotch photosynthesis 20% of the time. Fixing that could change agriculture	Quartz	B40	Jan. 22	504
12	How on-farm weather stations will help you advance your precision farming	Geospatial World	B40	Jan 24	504
13	Farmer Appreciation Event	SARDA TS	B40	Jan. 28	504
14	Farmer Appreciation Event	SARDA TS	TS	Jan. 28	291
15	Canola carves new role in cutting poly-pollution	Western Producer	B40	Jan. 29	503
16	New strategies for blackleg Management	Top Crop	B40	Jan. 31	503
17	SARDA Ag Research AGM & Extension Event	SARDA	B40	Feb. 5	321
18	SARDA Ag Research AGM & Extension Event	SARDA	TS	Feb. 5	503
19	Building Bumblebee Houses	NSC	B40	Feb. 6	503
20	Class 1 Driver Training	Team Alberta	B40	Feb 12	505
21	Health Canada Doubles Down on glyphosate cancer fight	National Observer	B40	Feb. 14	505
22	SARDA TS - Highlights	SARDA TS	B40	Feb. 15	504
23	SARDA TS - Highlights	SARDA TS	TS	Feb. 15	306
24	Make a difference with good crop rotation	SARDA	B40	Feb. 19	504
25	SARDA Ag Research AGM & Extension Event	SARDA	B40	Feb.20	504
26	Log Cabin Seminars	SARDA	TS	Feb. 22	304
27	Log Cabin Seminars	SARDA	B40	Feb. 22	505
28	Ag Trade Show Flyer	SARDA	TS	Feb. 26	304
29	Ag Trade Show Flyer	SARDA	B40	Feb. 26	505
30	Clubroot Meetings in the Peace Region	SARDA	B40	Feb. 27	509
	subtotal				12 698

31	A lot has been Happening	SARDA	B40	March 1	510
32	SARDA Ag Trade show – times	SARDA	TS	March 7	303
33	The Show Guide is Here	SARDA	TS	March 9	304
34	The Show Guide is Here	SARDA	B40	March 9	510
35	The China Dispute	AWC&ABC, Calgary Herald, Vancouver Sun, CBC, TopCrop	B40	March 25	511
36	Agriculture News in March,	Top crop, Alberta Farmer, Western Producer, Grist, Radio Iowa,	B40	March 29	508
37	Phosphorous and M.E.L.T.	Country Guide, AWC & ABC	B40	April 1	507
38	Back Forty Issue No. 86	SARDA	TS	April 2	298
39	Back Forty Issue No. 86	SARDA	B40	April 2	506
40	2019 Cropchoice\$ and Blue Book	AgriNews	B40	April 5	506
41	Insect Pest Monitoring	SARDA, Top Crop	B40	April 12	506
42	Biobeds	Sprayers 101, Western Producer	B40	April 15	504
43	More on the Canola and China Dispute	ACPC	B40	April 17	503
44	Alternate Weed Control Strategies	Top Crop, Country Guide, AAFC, Sustainable Agriculture Network	B40	April 19	503
45	Canola China Dispute	AAFC, iPolitics, Financial Post, Manitoba Cooperator	B40	April 26	503
46	Wheat School - Videos	AWC	B40	April 28	503
47	Agriculture News	Physorg, Financial Post, CBC	B40	April 29	504
48	Updating the Website	SARDA	TS	May 1	295
49	Updating the Website	SARDA	B40	May 1	503
50	Cash Advance Program Enhancements	ACPC, CCGA, AWC, Farm Cash	B40	May 1	503
51	Precision Ag	Country Guide, Olds College	B40	May 2	501
52	Public Trust	Estevan Mercury, iPolitics, Western Producer	B40	May 6	502
53	Politics and World Issues	Team Alberta, CBC, Canadian Grain Commission	B40	May 9	502
54	Food for Thought	CBC, New York Post, The Washington Post, CBC	B40	May 16	503
55	Grow me Instead	Alberta Invasive Species	B40	May 18	503
56	Public Opinion???	Bloomberg, Financial Post	B40	May 20	503
57	Making the Right Flea Beetle Spray Decision	Canola Council of Canada	B40	May 23	502
58	Greenhouse gas sinks and carbon sequestering	The Conversation, GreenBiz, ALUS Canada	B40	May 27	502
59	Supporting Agricultural Production	CCGA, Farm Cash, Top Crop, Agri- News	B40	June 4	507
60	Canola Markets and Producer challenges	Financial Post, iPolitics, Financial Post	B40	June 7	505
subtotal					14 320

61	Ready or Not, The food of the future is coming	Forbes, BBC Goodfood, ISAAA	B40	June 10	504
62	Pioneer Canola researcher to get provincial top honour,	Manitoba Co-operator, National Post	B40	June 13	505
63	Farm Succession	Ontario Ministry of Agriculture, Food and Rural, Top Crop X2	B40	June 17	505
64	Five things you can do to increase sprayer efficiency	AWC & ABC, Agri-News X2	B40	June 20	510
65	State of Agriculture in Canada	Greenhouse Canada, Alberta Farmer Express, Financial Post,	B40	June 24	510
66	PGR's, New Drone Rules, Plant Disease detection, New Packaging	The Growing Point, LandView, Physorg, Metro	B40	June 27	510
67	Agriculture and Food	Reuters, CTV, Financial Post, Food in Canada	B40	July 2	510
68	Soil Summit, 2019	Top Crop Manager	B40	July 4	510
69	Agronomy	NDSU, Western Producer, Agri-News, real agriculture, Canadian Cattleman, tbnewswatch.com	B40	July 8	510
70	Politics in Agriculture	Farms.com, Lethbridge News, CBC, Alberta Farmer Express, Country Guide	B40	July 11	511
71	Succession Planning	Top Crop	B40	July 15	511
72	SARDA Field Tour Please Register	SARDA	B40	July 16	509
73	SARDA Field Tour Please Register	SARDA	TS	July 16	293
74	Science	The Scientist, CBC, Edmonton Journal, the New York Times	B40	July 18	509
75	New Agricultural Products	CKPG Today, Global News, Conversation	B40	July 22	509
76	Field School will go on	SARDA	B40	July 24	509
77	Field School will go on	SARDA	TS	July 24	290
78	Agriculture and the Environment	Maclean's, Futurity, Country Guide, CBC	B40	July 26	508
79	Program news that will affect farms	Top Crop, Alberta Government, Reuters, Lethbridge Herald	B40	July 29	507
80	Morning Coffee and Plot Tour	PCBFA and SARDA	B40	Aug. 2	507
81	Meeting Global Food Demand	National Newswatch, National Post, Financial Post	B40	August 6	507
82	More on "Fake" Food	Bloomberg, The Western Star, CBC, National Post, Financial Post	B40	August 12	506
83	The China Situation	The Western Producer, Canola Council of Canada, Country Guide	B40	August 16	506
84	Research and Innovation	North Queensland Register, Western Producer, CBC,	B40	August 20	506
85	Harvesting Canola	Canola Council of Canada, Alberta Canola Producers Commission	B40	August 23	506
86	Local Agricultural News	SARDA, ACPC, CCC, TopCrop, Mountain View Gazette, Alberta Farmer	B40	August 26	506
87	Harvest	Grainews, ACPC, Canola Watch, Canadian Grain Commission	B40	August 29	505
88	We've been working on the Webpage	SARDA. Alberta Government	B40	Aug. 30	505
89	Soil, Creatures and Climate Change	Yorkton this week, NDSU, Global News, The weather Network, CBC	B40	Sept.2	505
90	Science and Research	CBC, Physorg, Western Producer, Precision Ag	B40	Sept. 6	504
subtotal					14 793

91	Diversification of crops and products	High River Online, Alberta Farmer, Time, Bloomberg, Western Producer	B40	Sept 9	504
92	More Science	Physorg, WIRED, theBulletin	B40	Sept 13	505
93	A mixture of topics	Alberta Farmer, Natural Resources Canada, AgriNews, Genetic Literacy Project	B40	Sept. 16	504
94	Doppelganger Foods	Globe and Mail, Western Producer, Alberta Pulse Growers, TVO	B40	Sept. 19	505
95	Science and Research	Financial Post, Gov't of Canada, GrainsWest (3x), Alberta Farmer	B40	Sept. 23	505
96	Agriculture News	AWC, Modern farmer, AWC, Western producer, GrainsWest	B40	Sept 26	501
97	Ag Business	Manitoba Cooperator, FCC, AWC	B40	Sept.30	502
98	Farm Safety	AgSafe Alberta, Alberta Gov't, Agri-News, The Globe and Mail	B40	Oct. 3	503
99	New Technology	GrainsWest, Western Producer	B40	Oct. 7	503
100	Agronomy	TopCrop, Agri-News, Western Producer	B40	Oct. 11	502
101	Thanksgiving	Interactive ecard	B40	Oct. 14	502
102	Thanksgiving	Interactive ecard	TS	Oct. 14	292
103	Hodge Podge	Financial Post, CBC, Science Daily, PennState Extension	B40	Oct. 18	502
104	More on Food	Country Guide, CBC, The Crossover	B40	Oct. 21	502
105	Canola News	University of Calgary, Alberta Gov't	B40	Oct 24	502
106	Politics	Youtube, Western Producer, Alberta Government	B40	Oct 28	504
107	Halloween Greetings	Interactive ecard	B40	Oct.31	503
108	Halloween Greetings	Interactive ecard	TS	Oct.31	290
109	Agriculture Issues	Wheat Initiative, National Newswatch, Mountain view Gazette	B40	Nov 4	505
110	Melange in Agriculture	Western Producer, Niagara Falls Review, Country Guide	B40	Nov 8	508
111	Potpourri	Canola Watch, Food NavigatorUSA.com, Western Producer	B40	Nov 12	507
112	Alberta Crop Report	Alberta Government	B40	Nov. 13	507
113	Agricultural News	AB Govt, Policy Options, Western Producer, CBC	B40	Nov. 15	507
114	Genetics	The Conversation, CBC, National Post	B40	Nov. 18	507
115	Important Ag Events Near You	SARDA	B40	Nov. 19	507
116	Agronomy	Manitoba Cooperator, Top Crop, Quartz, Western Producer	B40	Nov. 21	507
117	2019 year end matter	AWC and ABC, Pembina Valley Online, Financial Post, Western Producer, Grains West, ACPC, National Farm Business Management Resource Centre	B40	Dec. 17	506
118	Seasons Greeting	SARDA	B40	Dec. 20	505
119	Seasons Greeting	SARDA	TS	Dec. 20	287
120	Crop Variety Development	CPT, Western Producer, real agriculture	B40	Dec. 23	499
subtota					14 483

121	Science	Folio, Western Producer, Top Crop, Country Guide, Time	B40	Dec 27	497
122	For the Flexitarians	Financial Post, Western Producer, ABC News	B40	Dec 30	496
Year End Totals					
Page 1					12 698
Page 2					14 320
Page 3					14 793
Page 4					14 483
Page 5					993
Yearend Total					57 287

 SARDA Ag Research

Information on
Fusarium
[Click Here](#)

Water Quality
Test Results
[Click Here](#)

Journal of SHADA Ag Research
 7000 Green Valley Road, Suite 100, San Jose, CA 95128
 Tel: 408-261-1100 Fax: 408-261-1101
 Email: info@shada.org Website: www.shada.org



Summer Programs

Sec 4 - events

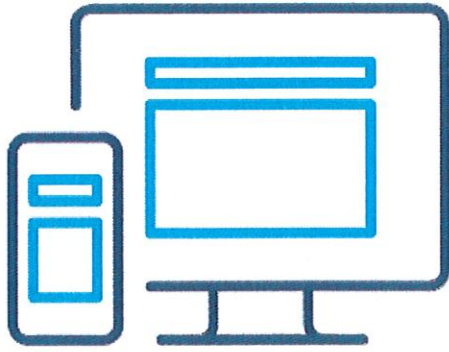


TRADESHOW 2019

CONTACT



2



www.sarda.ca

After crashing the website in 2017, it has been a long haul to get the website functioning at full capacity. While there are still files and documents to add, I think we have done a credible job.

A rebuild or set up of a website takes thought, time and careful planning. One of the reasons our original site crashed was that we had too much data housed in the site. To alleviate that in the new site, most of the documents are hosted on another data storage service and then linked. This required that all documents to be posted had to be saved to the data storage service in the appropriate format which while it sounds easy took more time than originally planned for. Several add-on programs are used to create the services that we require such as our events program, our revolving banner and our analytics programs, to name a few. In addition, we use Issu to post all the newsletters, which provides us with a document that reviews like a paper copy, but better as you are able to increase the size of the letters for those with older eyes.

SARDA Ag Research staff are continually monitoring the website to make sure it is user friendly, fast and viewable on mobile devices. All links have to be checked regularly to ensure that they are still current and functioning. In addition, we strive to post new information such as news articles, coming events and research results. We hope that each time you visit our site, you are able to see something different. Nobody visits an unchanging website often.

In 2019, the website had almost 13 000 pages visited by 7 500 visitors, up from 2018. As in previous years, there is a huge bump in hits and visitors during the trade show. One of our future goals is to retain more of these visitors.

The site is accessed most often from desktops (63%) but mobile customers are becoming more common (34%). The remaining access is from tablet users. Most of our viewers are from Canada (5602), but we also have a large following from the USA (1258).

In 2020, we will be looking carefully at our website homepage. It leads to a lot of information, but is a little lengthy so it may require reorganization and maybe some of the information will have to be moved to another page. SARDA staff is tasked with reviewing other research association sites to evaluate new ways to display information.

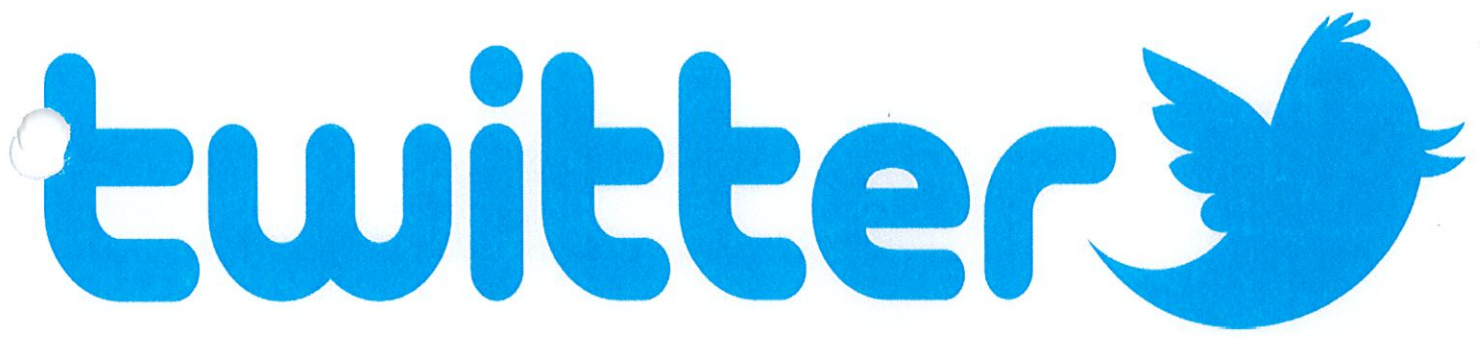
2019 Social Media



Our most successful social media platform is Twitter, with 966 followers. Most of our posts originate with our Mail Chimp e-mail program. Staff often forget to tweet about what they are doing. In 2020, we will concentrate on doing more tweeting.



The second social media platform we commonly use is Facebook. We have a small following of 153. However we are getting some additional activity from our posting through Mail Chimp. When we post manually on Facebook we do get some sharing and likes from the followers.



Home Moments

Search Twitter

Not logged in Log in



Tweets	Following	Followers	Likes	Lists
967	633	965	45	2

Follow

S.A.R.D.A.

@SARDAS

SARDA provides unbiased agricultural

Tweets

Tweets & replies

Media





S.A.R.D.A. @SARDAS • Jan 17


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(

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@sardaagresearch


Home
About
Posts
Photos
Videos
Community
Events




Create a Page





 Liked  Following  Share ...

Create Post

 Write a post...

 Photo/Video  Tag Friends  Get Messages ...




ABOUT SARDA AG RESEARCH

In the News

In 2019, the long standing arrangement between the local municipalities and the Smoky River Express was discontinued. The newspaper was purchased and became the Smoky River Peace River Express. A lot of the local subscribers were lost and our access to posting articles in the paper was diminished. In addition, we made the choice not to use this avenue for advertising because of the high cost and lack of coverage.

We have moved most of our paid ads to the Northern Horizon, a free agricultural newspaper with a much larger distribution in the entire Peace Region. The Horizon has also been receptive to running articles on our behalf.

We are often mentioned in a number of other articles, however we may not always be aware of this. It takes a keen eye to pick out references in articles that run in magazines like the TopCrop, Western Producer, etc.

Our research is published in other sources of information yearly such as the Canola Performance Trials (<https://www.canolaperformancetrials.ca/?searchtype=search-all&province=all&zone-type=&trial-type=small-plot&2018=2018&herbicides-roundup-ready=roundup-ready&herbicides-liberty-link=liberty-link&herbicides-clearfield=clearfield#filters>) and the Alberta Seed Guide (<https://www.seed.ab.ca/magazine/>).

In addition, SARDA research is used in peer reviewed scientific journals. The 2019 articles are included under their own tab in this report.

Newspaper Articles and Ads – 2019

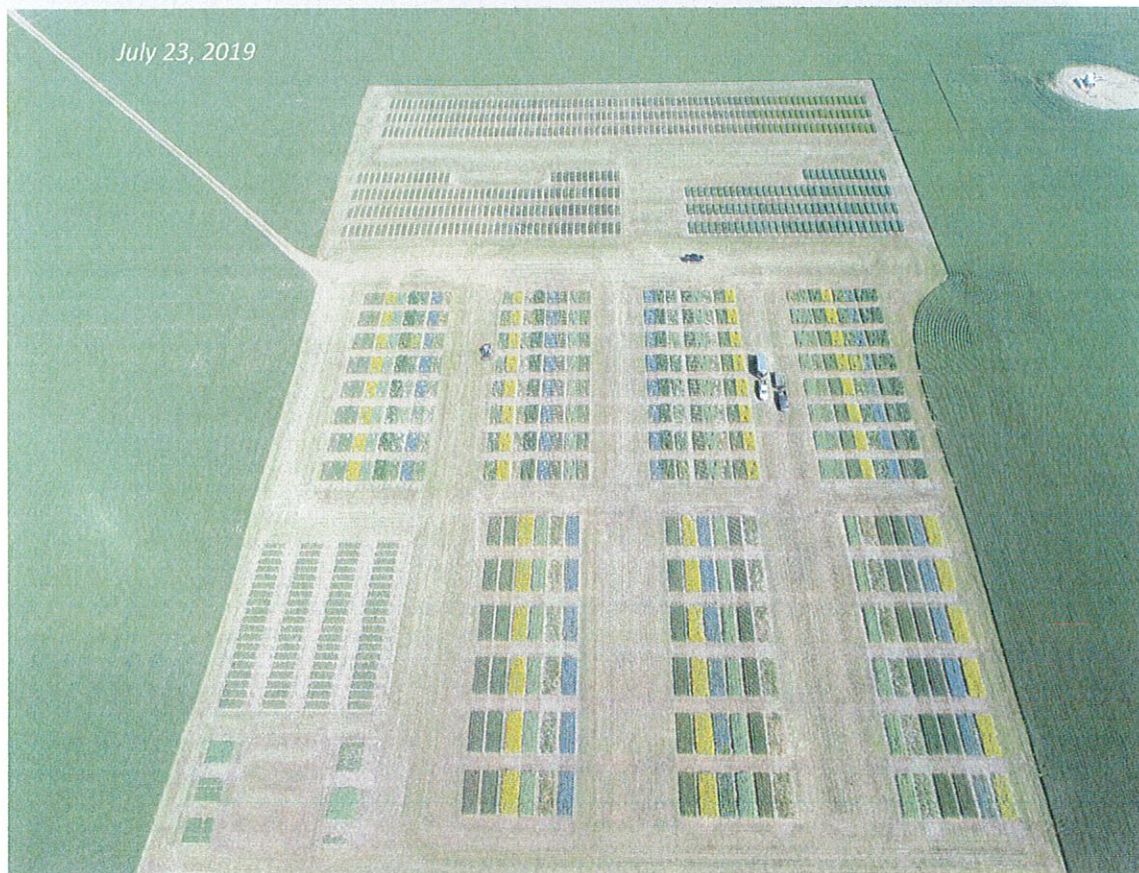
NB: Shading denotes Paid Advertisements

	Article Name	Publication Name	Date	Distribution
1	SARDA Ag Trade Show 2019 is on the horizon with "Visions of Change"	Smoky River-Peace River Express	Feb. 6	2 500
2	Alberta Canola and SARDA donate canola themed graphic novel series to Falher Library	Smoky River-Peace River Express	Feb. 13	2 500
	AGM advertisement	Smoky River-Peace River Express	Feb. 13	2 500
	Farmers Appreciation Event Advertisement	Smoky River-Peace River Express	Feb. 13	2 500
3	Mighty Peace Watershed Alliance ensures Safe secure water supply for the Peace River Region	Smoky River-Peace River Express	Feb. 13	2 500
	TS Advertising	Record Gazette	Feb 13	
	TS advertising	Record Gazette	Feb. 27	
	TS Advertising – Farmer's Appreciation & TS general	Northern Horizon	Feb. 15	25 000
	AGM advertising & Industrial Hemp market	Northern Horizon	Feb. 15	25 000
	Farm Family Safety Day & TS General & Farmer Appreciation Event	Smoky River-Peace River Express	Feb. 20	2 500
	AGM Advertisement	Smoky River-Peace River Express	Feb. 20	2 500
	TS General & Farmer Appreciation Event	Northern Horizon	March 1	25 000
7	Trade show delivered its "Visions of Change"	Smoky River Express	March 26	2 500
8	Recovering from Hail Damage	Top Crop Manager	Sept 28	

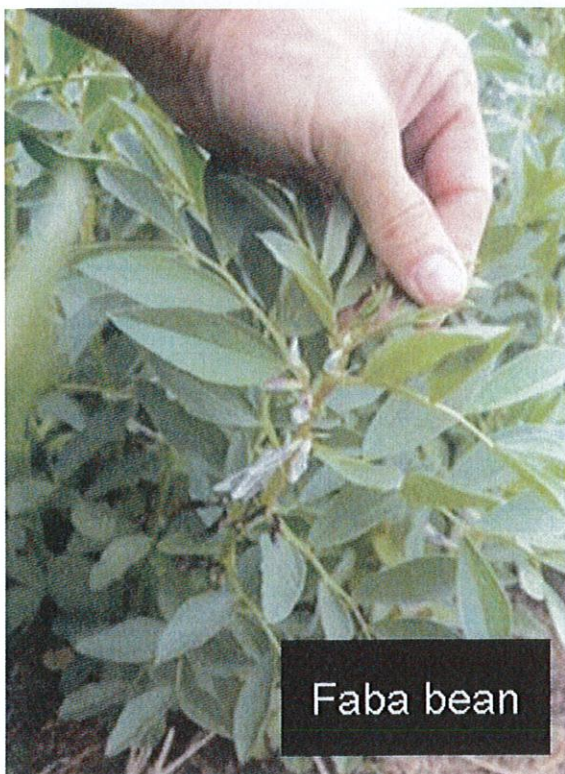


In 2020, SARDA will work on making the published papers section of the website more organized and intuitive.

NW 1-77-20 W5th



NE 6-77-20 W5th

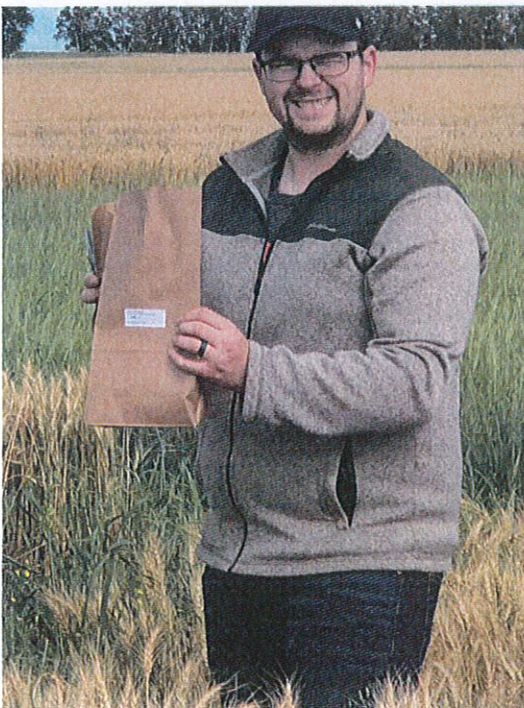


Faba bean herbicide residual trial

Seeded to wheat and sprayed with various herbicides in 2019

This site will be seeded to faba bean in 2020 and assessed for residual herbicide effects.

SARVT



NW 9-77-20 W5th



Megan doing Data Collection



High Prairie Site 2019



Everything you might need for
harvest



Distant sites means moving
equipment on the trailer.

Teepee Creek Sites



Forage Seed Trials





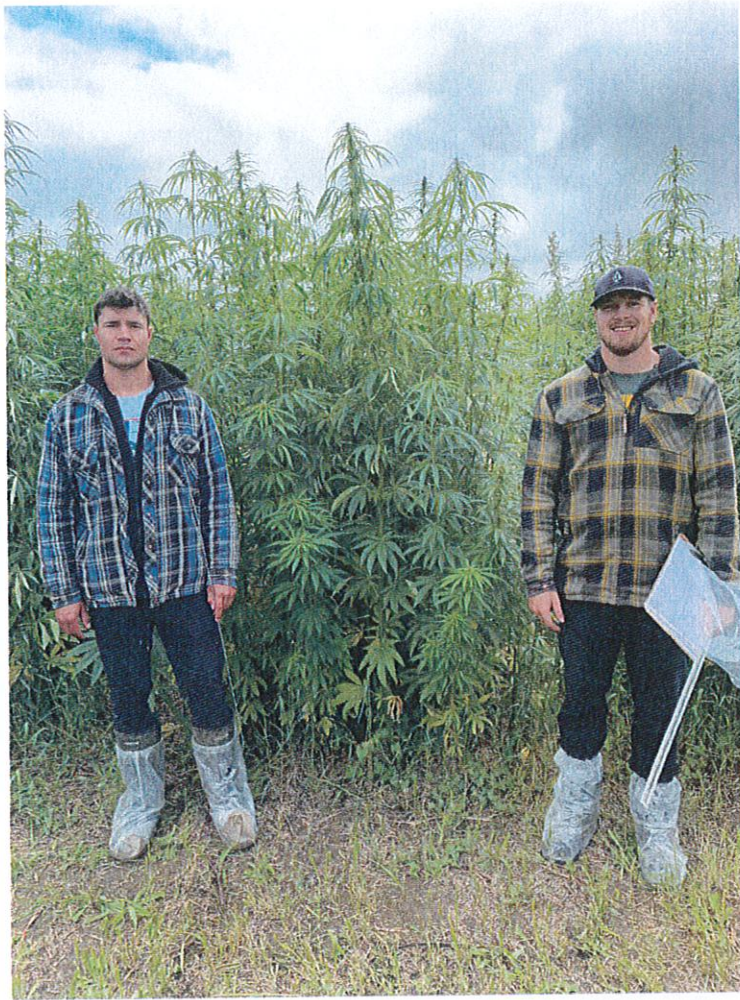




2019 Fulltime
Staff

Plot Maintenance



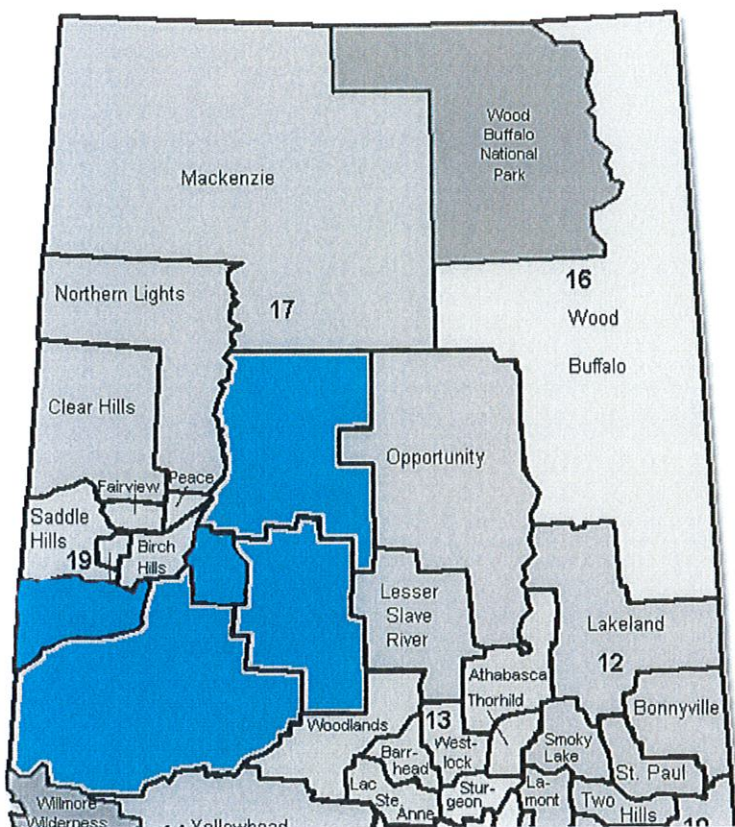


Josh and Dave by Hemp Fiber trial, 2019

Approximately 6 ft tall



2019 Summer Crew



SARDA's Area

Northern Sunrise County

Big Lakes County

MD of Smoky River

MD of Greenview

County of Grande Prairie



Join us for our AGM & Extension Event

February 21, 2018

8:30 am—3:00 pm

Chevalier Centre, Falher

Feature Speakers

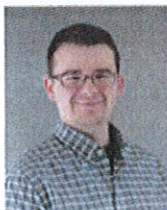


Brian Tischler

Creator of Ag Open GPS

- 2018 Winner: Outstanding Achievement in Agricultural Innovation
- 2018 Farm Tech Speaker

An Alberta farmer has developed open source software capable of driving tractors autonomously with the use of their existing GPS.



Darcy Boisvert

It's a "Hail" of a Presentation

Should we be spraying fungicides or a nutrient blend after a hail storm to help recover losses? Join SARDA Ag Research Agrologist Darcy Boisvert for the story of SARDA's Hail Damage trials and how to best manage your crop after a hail storm.

Lunch included

Please Pre-Register for catering purposes
780-837-2900 or www.sarda.ca/events



SARDA
AG RESEARCH

Join us for a field tour
and BBQ supper!

FIELD TOUR
July 25,
2019
at 1:00pm

\$20

REGISTER:
sarda.ca
or call
780-837-2900

The poster features a background image of a vast agricultural field with rows of crops stretching towards the horizon under a soft, hazy sky. The text is overlaid on this image, with the SARDA logo in large blue letters at the top left. The event details are presented in a mix of bold black and red fonts, and the registration information is contained within a yellow rectangular box on the right side.

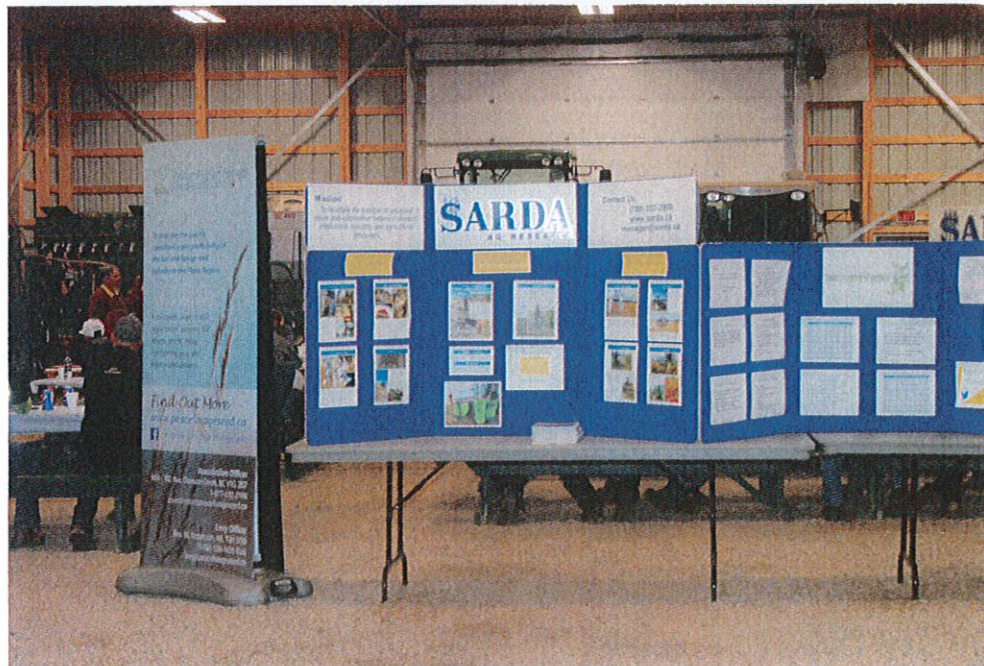
510 Main Street SW, Falher



Precision Seeder

SARDA Field School

Moved indoors because of rain and wet conditions in the plots





Clubroot Information Sessions

2 locations in the Peace Region

- Recognizing Clubroot
- What Clubroot Can Do to Your Crop
- Preventing Spread
- Testing for Clubroot
- What Producers Can Do
- Farming with Clubroot
- Local Update

February 27	7pm—10 pm	Manning Legion	Manning
February 28	1 pm—4 pm	Rycroft Ag Society	Rycroft



SARVT



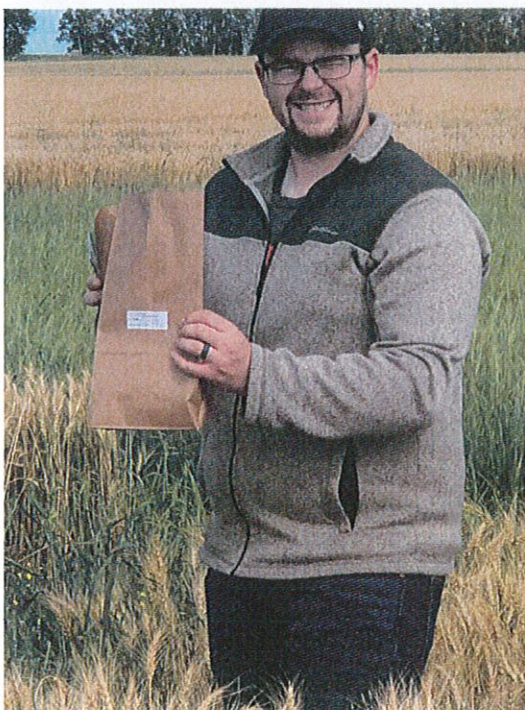
AAC Brandon

AAC Redwater



AAC Viewfield

AAC Connery



SW Midas

CDC Meadow

Welcome



AG RESEARCH

AGRICULTURAL TRADE SHOW

Visions of Change

March 14, 15 & 16



2019 AGRICULTURAL TRADE SHOW

March 14th to 16th, 2019

Regional Recreation Complex

Falher, AB

- Over 100 exhibitors in over 150 booths
- Seminars, Workshops & Farmer Appreciation Event
- Children's Activities & Farm Safety Program
- Free Pancake Breakfast Friday & Saturday



**Show
Booths
Now
Sold Out!**

Thursday 12 Noon - 7pm • Friday 10:00 a.m. - 6:00 p.m. • Saturday 10:00 a.m. - 5:00 p.m.
FREE ADMISSION TO EVERYONE • \$500 Door Prize Each Day

For more information, contact Roch Bremont (780) 837-2900
Email: smokyriveragtradeshow@gmail.com • website: www.sarda.ca



Curling Club Lounge


Relax and kick
back

**Everyone
is Welcome**

Open
Trade Show Hours

Accepts Mastercard, Visa and Debit

Flyin' Bob



Farmer's Appreciation Event
March 15
6:00 pm

Farm Family Safety Day
March 16
Two Performances
10:30 am & 2:00 pm

FREE 8 am to 10 am

Pancake Breakfast

March 15

Sponsored by:



FREE

**Information
Seminars**

At the Log Cabin

March 15



Time	Topic	Session Description	Sponsor & Speaker
10:00am - 11:00am	Pay Less Tax: Top Tax Tips for Agricultural Producers and Rural Business Owners	FBC's slogan and our sincere promise is "We make life less taxing". At its root, Rural, our slogan expresses the mission on which our company was founded more than 65 years ago: to help hard-working Canadian Farmers and small business owners pay less tax as possible. Do you own a farm? Are you self-employed? Own a business? Do you have any questions about Tax preparation?, Bookkeeping?, Payroll?, capital gains exemption?, Risk Management?, Succession Planning? Join us to learn about ways to pay less tax through tax planning, preparation and managing your audit risk.	F B C—Canada's farm & small Business Tax Specialist Pierre Trudel
12:45pm - 1:45pm	Manipulator Plant Growth Regulator	Kevin Shaw of Belchim Crop Protection will discuss the unique features and benefits of Manipulator Plant Growth Regulator for wheat, how it helps to reduce lodging while boosting yields, and ideal application methods and timing.	Belchim Crop Protection Kevin Shaw





Family Safety Day

FREE **March 16**

10:00 am—4:00 pm



Chevalier Centre, Main Street, Falher

\$2

Mascot Luncheon
(children under 12)

Flyin' Bob



Many Activities & Demonstrations

- Quad and Bike Safety
- Brain Injury and Concussion
- Animal Safety and Demonstration
- Equipment Safety
- Hazard Assessments
- PTO Safety
- Games
- Bear Safety
- Fire and Emergency Services
- Bouncy Castles
- Glitter Tattoos & Face Painting
- And so much more

Two shows

10:30 am

2:00 pm

Goody Bags to
the first 300
children
(under 12)

Sponsors

SARDA
BY RESEARCH



ATCO
Gas



Alberta Health Services

ATCO Electric

RME ROCKY MOUNTAIN EQUIPMENT

MARTIN
DEERLINE

The Back Forty

April, 2020

ISSUE No. 92

SARDA
AG RESEARCH



Welcome to Calvin Yoder, Forage Seed specialist

SARDA Ag Research welcomed Calvin Yoder back into the fold.

Page 3

Transforming Agriculture Research in Alberta

Government consulted with farmers, industry and key partners.

Page 4

Effect of Trinexapac-ethyl (TE) Plant Growth Regulator on Seed Yield of Red Clover

Page 5

Fertilization Considerations

Advances in sources and application methods provide many options.

Page 9

Contact SARDA

780-837-2900

or

www.sarda.ca

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Fertilization considerations after an unusually wet fall: challenges and opportunities	Page 9
Advances in fertilizer sources and application methods provide many options to help farmers.	
Coming Events	Page 12
Agricultural events that are interesting to producers in the Peace Region	
Wapiti Watershed Source Water Protection Plan	Page 18
A Source Water Protection Plan is being developed that will identify hazards and the risks they pose to water quality in the Wapiti Watershed so that steps can be taken to prevent contamination of the water.	
Wireworms – We’re Just Seeing the Tip of the Iceberg	Page 20
Since the ban of this organochlorine pesticide in 2004, wireworm damage in field crops is rebounding.	
Hand signals on the farm: The ‘Universal Language’	Page 22
Using hand signals provides a way to communicate the needed information effectively and safely.e.	

ON THE COVER



At this time of year, seed is being delivered, and staff are starting the job of packaging seed. By the end of seeding, we will have created about 7000 packages of seed and fertilizer.

SARDA News

SARDA Ag Research welcomes Calvin Yoder, Forage Seed specialist



SARDA Ag Research welcomed Calvin Yoder back into the fold. Calvin worked for SARDA prior to going to work for the Alberta government. As of April 1st Calvin Yoder began working for SARDA and the Peace Region Forage Seed Commission.

Calvin has worked closely with both organization for a number of years and has always had a good relationship with them. He will continue with similar duties as he had with Alberta Agriculture and Forestry in terms of carrying out forage seed research and extension activities. Research funding through the Peace Region Forage Seed Association and AAFC Agri-Science Innovation Program has

been secured for the next three years to conduct a number of forage seed projects through SARDA and AAFC Research Farm at Beaverlodge.

Some of the projects include:

- Testing of new herbicides on grass and clover seed crops for the purpose of improved weed control and minor use registrations.
- Evaluating the effects of growth regulators such as Manipulator and trinexapac-ethyl (Moddus) on grass seed crops.
- Field scale trials to demonstrate the use of the plant growth regulator trinexapac-ethyl (Moddus) on red and alsike clover seed crops.
- Effects of integrated management practice such as additional spring UAN, growth regulators and fungicides on grass seed crops.
- Disease and insect surveys in forage grass and legume seed crops.
- Screening trials to evaluate grassy weed herbicides in grass seed crops.

Although the main focus will be on co-ordinating forage seed research projects in the Peace Region, Calvin will continue to be active in forage seed extension activities. Similar to the past he will be available to growers, agronomists and seed trade companies for one on one consultations through phone calls, emails and farm calls.

Calvin's new contact information is:

Cell # 780 864 7663

Email calvinyoder123@gmail.com

Transforming Agriculture Research in Alberta

Early this year, government consulted with farmers, industry and key partners in the agricultural sector. From that engagement, there was a consensus that farmers, in collaboration with others involved in research, are best positioned to determine agricultural research priorities.

RDAR's structure takes the best parts of previous research models, such as Alberta Livestock and Meat Agency (ALMA) and Alberta Crop Industry Development Fund (ACIDF), as it ensures research reflects the priorities of farmers and ranchers. It is imperative that agriculture research in Alberta achieves outcomes that can be applied in the field and on the ranch.

A regionally reflective advisory board will assist the interim board with important projects to ensure value, profitability and areas of focus.

"We will make sure farmers direct research priorities. RDAR will ensure Alberta's agriculture industry has more financial flexibility and autonomy to fund longer-term projects. Governments shouldn't force ideology on research priorities – research priorities should be determined by industry. Research can be a massive springboard for economic growth and, with the right focus, RDAR can achieve that for Alberta's farmers and ranchers."

Devin Dreeshen, Minister of Agriculture and Forestry

An interim board and CEO has been put in place to establish RDAR. Research funding will begin flowing by September 2020 and achieve full operational capacity by March 2021. Through the Canadian Agricultural Partnership, \$2 million in grant funding will be provided this year to support

initial operations, which will allow RDAR to begin focusing on priority research right away.

"We know a new system needs to be established with the voices of producers strongly considered and driving research initiatives while working in a collaborative environment with scientists and others. This new model will ensure predictable, long-term funding. We're looking forward to working with our partners to make that a reality."

Dr. David Chalack, interim board chair, Results Driven Agriculture Research

Quick facts

Interim board members:

- Dr. Gerald Hauer, interim CEO
- Clinton Dobson, interim research director
- Dr. David Chalack, chair
- Brian Otto
- Tom Steve
- Kelly Smith-Fraser
- Nichole Neubauer
- Dr. Stanford Blade
- Matt Sawyer
- Melissa Downing
- Vance Yaremko

In January, Agriculture and Forestry conducted 17 farmer-led research engagement sessions across Alberta

- 650 people attended in-person sessions
- 1,422 people completed an online survey

In Budget 2020, government maintained agriculture research funding at \$37 million.

Post-secondary institutions will be provided funds to carry out priority agricultural research projects.

Press Release, March 30, 2020

Effect of Trinexapac-ethyl (TE) Plant Growth Regulator on Seed Yield of Red Clover

Introduction

The application of the growth regulator trinexapac-ethyl (TE) is a standard application to grass and clover seed crops grown in the main seed producing areas of the world. In Canada TE is not yet registered but registration by Syngenta on cereal crops such as wheat and barley is expected soon. The trade name for TE will be Moddus. Pricing at this time is not known.

Studies conducted in Oregon showed red clover seed crops to be responsive to applications of TE. Trials conducted in 2011 and 2012 in Oregon showed applications of TE applied at stem elongation to red clover improved seed yields by increasing inflorescence m⁻² through a reduction

in plant canopy height. TE did reduce seed weights and promoted earlier maturity.

Trials were conducted from 2013 to 2015 in co-operation with SARDA, Alberta Agriculture and Forestry and Agriculture and Agri-Food Canada to evaluate the effects of TE on first year production red clover seed yields located in the Peace River Region of Alberta. In 2017 an additional trial was conducted to compare the applications of TE, CCC (chlormequat chloride trade name Manipulator) and TE+CCC on red clover seed yields applied at stem elongation stage.

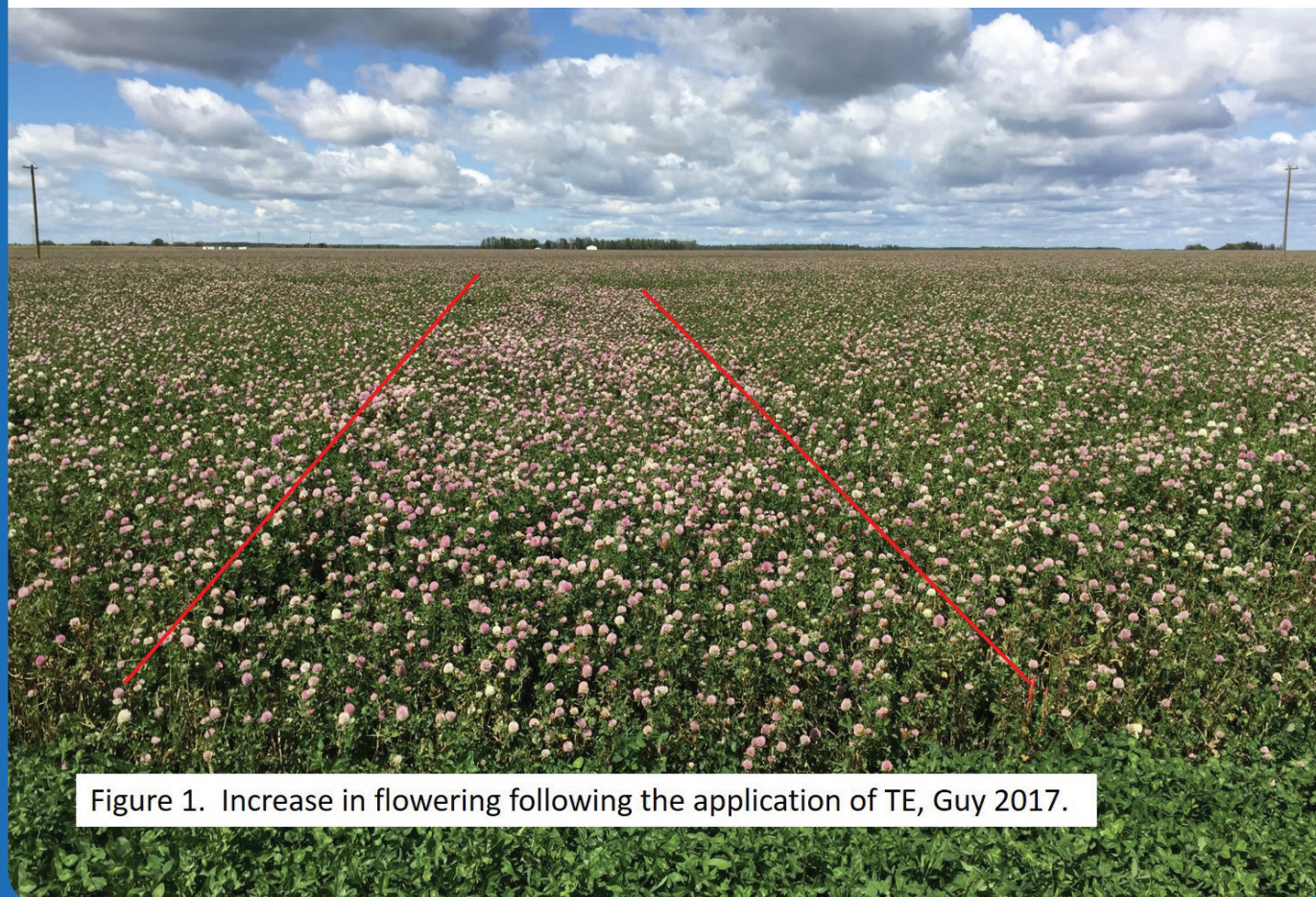


Figure 1. Increase in flowering following the application of TE, Guy 2017.



Figure 2. Severe height and growth reduction following the application of 0.420 kg ai ha⁻¹, Girouxville 2014.



Figure 3. Ideal stand of red clover for applying TE.

SARDA News

Table 1. Effect of rate and timing of TE on red clover seed (Percent of Check).

Treatment	Beaverlodge 2013	Girouxville 2013	Girouxville 2014	Girouxville 2015	Guy 2017
0.140 stem Elongation	127	118	100	103	140
0.280 Stem Elongation	110	120	70	104	136
0.420 Stem Elongation	138	114	64	109	
0.280 Bud		112	64	100	
0.210 Stem Elongation+ 0.210 Bud	117	114	79	103	
Check	100	100	100	100	100
Check Seed Yield (kg/ha)	151	417	53*	286	294

*Improper setting on combine at harvest.

Table 2. Effect of rate and timing of TE, CCC and TE+CCC on red clover seed stand Guy, 2018

Treatment kg ai ha ⁻¹	Height cm	Lodging 1-9*	Flower Counts 1/4m ²	Seed Yield kg/ha	Germ %	Seed Weight g/1000
TE 0.140	87.2	1	272	412 a	75.0	1.800
TE 0.280	83.9	1	303	398 a	72.0	1.736
TE 0.140+ CCC 0.588	87.4	1	274	372 ab	71.0	1.768
CCC 1.116	89.2	1	264	304 b	75.8	1.758
Check	90.1	1	244	294 b	68.3	1.758
CV%	3.5		12.3	9.7	6.2	3.1
LSD P=.05	NSD		NSD	65	NSD	NSD

*1-9 scale (1=erect, 9=flat)

Means followed by the same letter do not significantly differ (P=.05 Student-Newmans-Keuls)

SARDA News

Methods

Small plot trials were conducted on first production year red clover fields from 2013 to 2015. The experimental design was a randomized complete block design with four replications. Each plot was 2m x 40 m. Treatments were applied with a handheld 2 m boom small plot sprayer. Water volume was 100 l/ha. Treatments were a combination of TE rates and crop staging. TE rates were 0.140, 0.280 and 0.420 kg ai ha⁻¹ and staging was stem elongation (BBCH scale 32), bud stage (BBCH scale 50) and a split application 0.210 kg ai ha⁻¹ at both stages. Data collected included plant heights, flower counts, seed yields, germination and 1000 swt. Red clover was desiccated with Reglone and plots were straight cut with a Wintersteiger small plot combine. Area harvested was 64 m². An additional trial was conducted in 2017 comparing TE, TE+CCC and CCC applied at stem elongation on first year red clover.

Results

- Plant heights were reduced in each TE treatment in each year (data not shown).
- Visually there appeared to be an increase in the number of flowers (Figure 1).
- Seed weight was reduced from the application of TE (data not shown).
- TE did not affect seed germination (data not shown).
- TE reduced lodging in wet years (data not shown).
- Seed yields were increased by the application of TE at 4 of the 5 sites (Table 1 and 2).
- Seed yields were reduced at the high rates of TE in 2014. Moisture conditions following application became extremely dry and the crop was stressed (Table 1 and Figure 2).

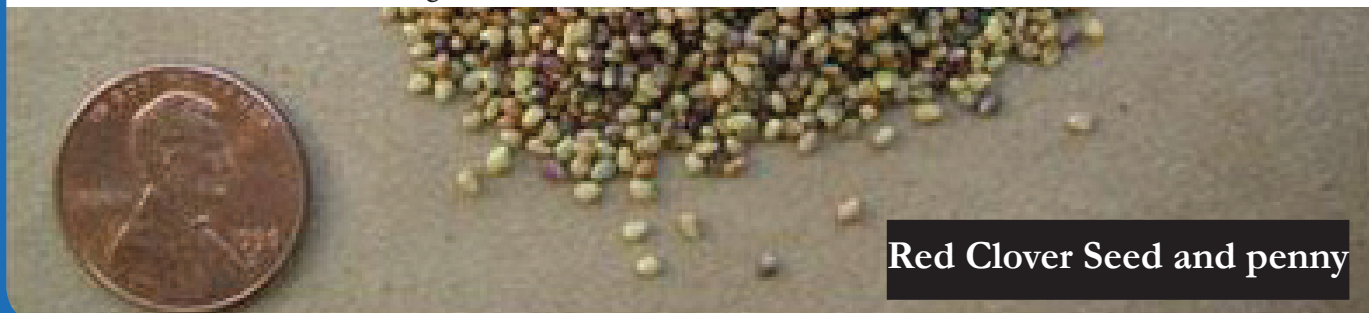
- TE rate of 0.140 to 0.280 ai kg ha⁻¹ appears sufficient to increase red clover seed yields.
- There was no benefit to using a split application of TE.
- Trial conducted in 2017 showed there was no response to using CCC alone or a benefit to tank mixing TE+CCC (Table 2).
- TE shows strong potential for use on red clover seed fields in the Peace River Region.

Conclusions

Once trinexapac-ethyl is registered in Canada growers should consider trying it on some strips on their red clover seed fields particularly on stands where stand establishment was excellent and moisture conditions are good (Figure 3). Reductions in canopy height, reductions in lodging and increases in the number of flowers will help improve seed yields. Lower forage material production would also make harvesting easier. Applications on thin stands or stands that are under stress due to environmental conditions would not be recommended.

Similar trials have been conducted on alsike clover but the yield benefits have not been quite as promising or consistent as on red clover. Regardless it would be good to try some field scale strips on alsike clover seed crops once TE is registered in Canada. For more information on this contact Calvin Yoder at (780)864-7663.

Submitted by
Calvin Yoder, Forage Seed Specialist
SARDA/PRFSA



Red Clover Seed and penny

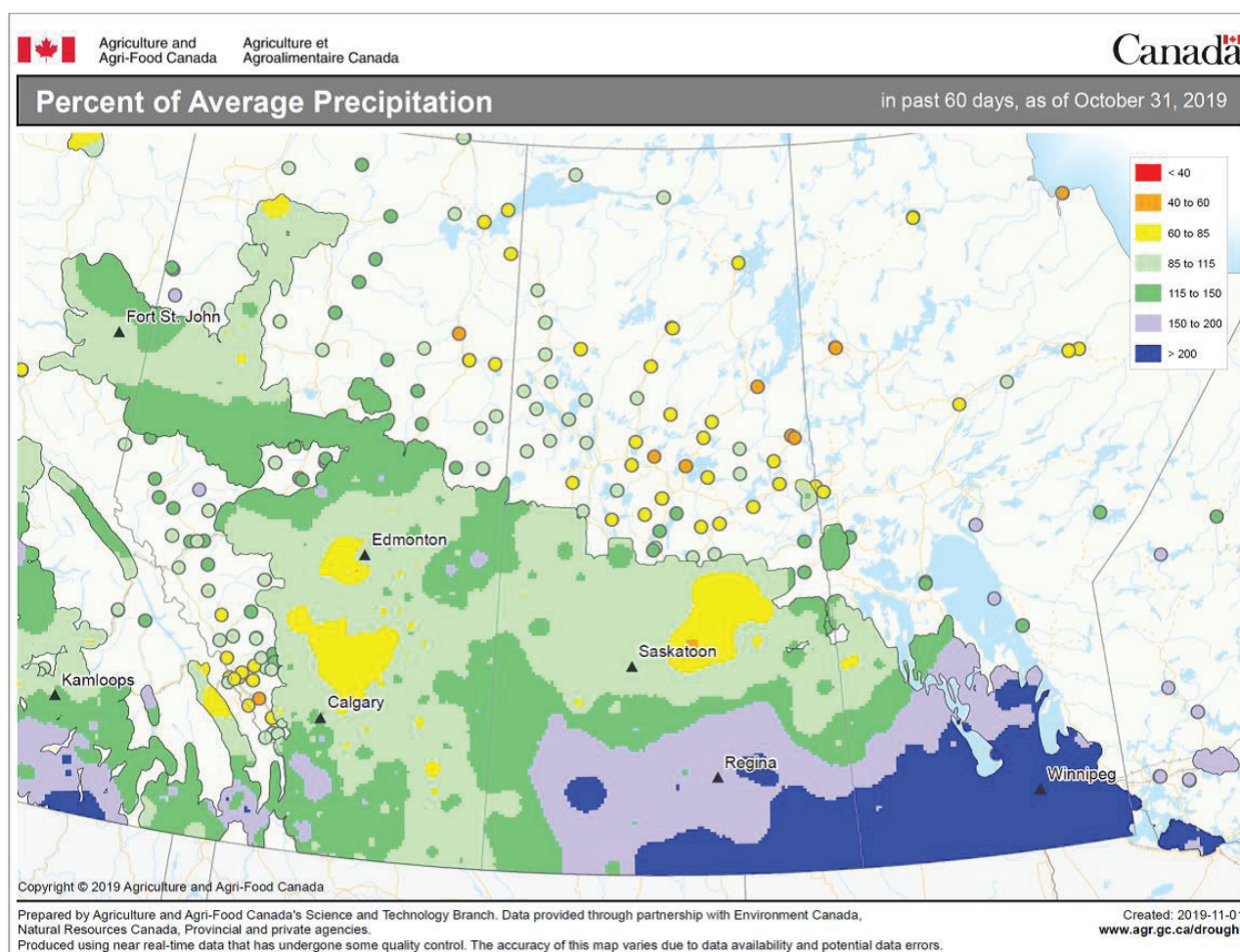
Fertilization considerations after an unusually wet fall: challenges and opportunities

With last fall's unusually large amounts of rain and snow, most farmers struggled with the delayed harvest of many crops. In addition, many farmers' fields were also too wet for applying nitrogen (N) fertilizer. Since farmers usually apply a significant amount of their N fertilizer in fall, many farmers will need to apply an unusually large proportion of their fertilizer this spring and summer. This shift in application timing will create some challenges, but advances in fertilizer sources and application methods provide many options to help farmers deal with those challenges.

Spring and Summer Options for Applying N Fertilizer

Since early seeding is important for optimizing crop yield, producers will be looking for ways to apply their N fertilizer efficiently without delaying the seeding operation. In order to achieve these objectives for a spring fertilization program, the fertilizer source, placement and timing must be managed carefully to minimize losses of fertilizer N to the environment and optimize crop access to the fertilizer. For more information about these losses of N see the section at the end of this factsheet.

Figure 1



Source of precipitation map: Agriculture and Agri-Food Canada

Fortunately, there are numerous timing and placement options other than fall broadcast or banded N to meet N needs of the crop. In addition, combinations of new sources and new application equipment give farmers more options than ever for spring and midseason applications of N, including:

- fertilizer application equipment, such as high clearance sprayers and floaters, that can apply 28-0-0 in dribble or directed bands immediately after planting or in established crops.
- fertilizer additives, such as urease inhibitors, that can be mixed with conventional fertilizers or purchased as enhanced efficiency fertilizers (e.g. SuperU); these additives delay the conversion of urea to ammonia and reduce the risk of gaseous losses due to volatilization of surface applied urea or UAN solutions. Also, several enhanced efficiency fertilizers or additives contain nitrification inhibitors (e.g. N-Serve for ammonia and eNtrench for urea and UAN) and DCD (SuperU and Agrotain Plus for UAN), which slow the process of ammonium conversion to nitrate, decreasing potential leaching and denitrification losses under wet conditions, such as those expected for spring 2020.

- controlled release fertilizers (e.g. ESN fertilizer, which has a polymer coating) can reduce the toxicity of seed-row placed urea applied at planting; so, higher rates of N can be applied safely in the seed-row.

Spring and summer options for timing and placement include the following:

1. **Pre-plant banding** – Banding N in below the soil surface tends to be the most efficient form of application under western Canadian conditions. Placing the fertilizer below the soil surface protects the ammonia portion from gaseous losses by volatilization. Placing the fertilizer in a band limits the contact between the fertilizer and the soil microorganisms, reducing immobilization of both ammonium and nitrate. Banding also slows the conversion of urea to ammonium and ammonium to nitrate, which can reduce losses by denitrification and leaching. Ideally, bands should not be disturbed by pre-seeding tillage or seeding operations.

All forms of N fertilizer usually perform well when applied as a spring pre-plant band, provided that the fertilizer is at least 2 inches away from the seed. Anhydrous ammonia (NH₃) should be placed at least 4 in. below the soil

How to Receive the Back Forty?



1. Mailbox must be open to flyers
2. Have your mailbox in Smoky River, Greenview, Big Lakes and Northern Sunrise declared a farm mailbox
3. In the County of Grande Prairie, visit an Agricultural Business to pick up your copy
4. Subscribe on WWW.sarda.ca for your electronic copy and much more

surface and, if possible, seeding should be done perpendicular to NH₃ bands. Urea should be banded as deep as possible for seed safety (i.e. at least 2 in. deeper than the seed) and on an angle to seed rows. There is no need to delay seeding after application if NH₃ or urea is placed at recommended depths, especially on moist clay soils. However, pre-plant banding may potentially delay seeding and dry or disrupt the seedbed, especially in clay soils.

Where spring tillage will be required to manage ruts left from harvest operations, spring banding fertilizer with a cultivator-style air seeder may accomplish both jobs. Likewise, many farmers have low disturbance disk drill seeders that could be used to band granular fertilizer before or after seeding.

- 2. Surface applications immediately before or after seeding** – Broadcasting is a very quick method of applying fertilizers, with applicators being able to cover as much as 1,000 acres per day. However, urea or UAN solution sources of N can be lost by volatilization unless or until they are incorporated into the soil with tillage or moved into the soil with precipitation. Tillage during conventional seeding operations is generally sufficient to incorporate urea or UAN solution to reduce volatilization. However, harrowing, shallow vertical tillage, and low-disturbance seeding may not eliminate volatilization loss of urea or UAN.

If either ammonium or nitrate sources are in close contact with crop residues, they may also be subject to immobilization as the residues decompose, since micro-organisms will consume N from the soil or fertilizer as they decompose crop residues that may be low in N (e.g. cereal residues). In addition, surface stranding of broadcast fertilizer in dry soil above the active portion of the crop's root system may be a problem in some weather conditions. High rates of broadcast urea-N applied without incorporation on drill-seeded fields may






concentrate pellets in the seed-furrow and cause seedling damage to sensitive crops like canola.

Where fields are rutted and tillage is required, it might be logical to broadcast fertilizer beforehand. Generally, cultivators and disks will incorporate fertilizer to a 3-4 in. depth, but harrowing or shallow vertical tillage may be insufficient for full incorporation. Volatilization losses have been observed at shallow incorporation depths.

Because of the high potential for volatilization and immobilization losses, surface applications of N tend to be less efficient than in-soil banded applications. Efficiency of surface applications tends to improve in higher rainfall areas, since precipitation is more likely to move the fertilizer into the soil, reducing the risk of loss and/or stranding at the soil surface. Efficiency is also lower on high pH soil, since high pH encourages the production of ammonia gas.

While often less efficient than in-soil banded or incorporated fertilizers, surface N applications without incorporation may be appropriate for fertilization of forages, winter cereals and for post-emergent N delivery. However, lack of N fertilizer incorporation will increase the risk of volatilization losses. As a result, if dribble banded to reduce contact with crop residues and soil, UAN will generally be a better choice than broadcast urea for surface applications. Volatilization losses with dribble banded UAN will be lower than with urea, both because the UAN provides a portion of the N as nitrate and because UAN does not increase initial pH at the application site to the same extent as urea. Both of these factors reduce the proportion of N present as ammonia, thus reducing volatilization. Use of a dribble-band rather than a spray application also limits contact between the fertilizer and crop residue, reducing immobilization. As a result, in several field studies, dribble-banded applications of UAN were nearly as effective as in-soil banded applications.



	Event Name	Location	Time	Date	Cost	Comments
	56 Online courses	Penn State Extension	9:00am-4:00pm	February 19	FREE	Visit https://extension.psu.edu/shopby/online-courses?j=529168&sfmc_sub=59525596&l=159_ML&u=10388881&mid=7234940&xjb=209&utm_medium=email&utm_source=MarketingCloud&utm_campaign=EXTN_AW_2020_APR_1_PP_EM_EXTENSIONCOVID2&utm_content=EXTN_AW_2020_APR_1_PP_EM_ID2&subscriberkey=0030W000003ht3L8QAI
	Afternoon with Akim	PCBEA Online	1:00-3:00 pm	Wednesday and Fridays	FREE	Visit https://www.peacecountrybeef.ca/afternoon-with-akim
	Watershed 101 Webinar	Lesser Slave Watershed, Lesser Slave Forest Education and Northern Lakes College	1:30 am - 3:30pm	April 15	FREE	Event registration at https://www.northernlakescollege.ca/programs-courses/continuing-education/program/general-interest/g/13336191898217041?aff=ebemoffoll&utm_
	Business Bootcamp	Northern Lakes College, Regional Economic Development, Community Futures	9:00 - 4:00 pm	April 23	FREE	Visit https://www.eventbrite.ca/e/coyote-skinning-and-pelt-preparationworkshop-tickets-87816303929
	Restoring and Creating Wetlands	University of Alberta, Grande Prairie Campus	8:00 am to 5:00 pm	June 15 to June 19	\$1695	Visit https://www.ualberta.ca/extension/continuing-education/courses/EXERM-4290

Due to COVID-19

SARDA Ag Research staff are working remotely and can be reached through regular contact methods.

www.sarda.ca or 780-837-2900

Another option to reduce the risk of volatilization loss from broadcast fertilizer is to use a urease inhibitor, in the form of an additive such as Agrotain with urea or UAN, or a fertilizer product such as SuperU. Urease inhibitors slow the conversion of urea to ammonium, allowing more time for the urea to move into the soil before being converted into ammonium and ammonia. Also, the slower conversion reduces the concentration of ammonia at the soil surface, reducing the rate of volatilization. The economic benefit of urease inhibitors will depend on the relative risk of volatilization loss and the cost of both the fertilizer and the inhibitor. As volatilization losses from UAN are generally lower than from urea, the benefit of using the urease inhibitor is likely to be lower with UAN than with urea.

While a higher rate of fertilizer may be required to compensate for the reduced fertilizer use efficiency for surface applications, this may be a practical compromise, particularly for producers who are not willing or able to purchase specialized equipment for in-soil fertilizer placement.

- 3. Placement in the seed-row** – Placement of fertilizer in the seed-row is an attractive option for situations where N fertilizer can't be applied in a side-band or mid-row band at planting, since it eliminates an extra pass for fertilizer application. If the fertilizer is placed directly with the seed, it eliminates the extra expense, draft requirements and soil disturbance required to side-band or mid-row band the N fertilizer requirements. Seed-row placement is also a form of banding, so it is efficient in terms of reducing N losses.

Applying excess nitrogen with the seed, however, can lead to seedling damage due to a combination of salt and ammonia toxicity. Such damage often reduces crop yields, limits crop response to nitrogen fertilizer and reduces nitrogen use efficiency. In addition, seedling toxicity may also delay crop emergence and reduce crop vigour (increasing potential losses from weed

competition), delay crop maturity (increasing risk of damage from fall frosts), and lower crop quality. In all cases, the eventual impact of seedling toxicity on crop yield and quality at harvest is highly dependent on the type of growing season.

The amount of seed-placed fertilizer that can be safely applied depends on a number of factors including environmental conditions, crop grown, soil type, width of the seed/fertilizer band, row spacing and fertilizer source. Small seeded crops, such as flax or canola, are more sensitive to seedling damage compared to crops such as wheat or barley. With cereal crops, urea tends to be more damaging than ammonium nitrate (34-0-0, which is no longer available), while UAN tends to be intermediate, since it is a blend of urea and ammonium nitrate. Canola is equally sensitive to urea and UAN. Regardless of crop, the rate applied with the seed must be decreased in situations with coarse textured soils (e.g. loam or sand), soils that have low soil organic matter, cool growing conditions, low soil moisture, soils with salts or free lime, or with the use of wide row spacing and/or narrow openers. The use of air seeders with wide sweeps allows for increased rates of seed-placed fertilizer, since the concentration of fertilizer in contact with the seed is reduced as the seed and fertilizer are spread over a wider area.

The risk of damage from seed-placed fertilizer varies greatly from year to year, depending on conditions at seeding, so a rate that caused no problems one year may cause significant damage the next. A reasonable compromise may be to apply a portion of the fertilizer with the seed and broadcast or dribble-band the remainder.

The use of a controlled release fertilizer such as polymer-coated ESN can increase the level of N that can safely be applied with the seed. The amount of safety is difficult to predict since the polymer coating may be fractured during handling, transport and air-seeder delivery, affecting the rate of N release. At 100 per cent, ESN can be used at three times the safe urea-N

rate, and a 50 per cent ESN:50 per cent urea blend can be used at 1.5 times the safe urea-N rate.

4. Side-banding or mid-row banding at seeding

Banding of N to the side and below the seed will decrease the risk of ammonia or salt toxicity compared to seed-placing. Many commercial and homemanufactured openers have been designed for one-pass seeding and fertilizing. These include simple systems, where fluid N is dispensed through a tube on the seed-opener and mixed with the soil as it falls back over the seed, combined seed and fertilizer boots, which place the N in a band separated from the seed, and systems with separate openers for side-band or mid-row placement. Often the entire N needs of the crop can be met through sideband placement, but research has shown that placement 1 in. to the side and 1 in. below may NOT be sufficient separation for crop safety, especially for sensitive crops such as canola (Grant et al. Agron. J. 102:875). Therefore, if the entire N needs are to be applied, the side band should be at least 2 in. from the seed row for solution or dry fertilizer and at least 2-3 in. from the seed-row for anhydrous ammonia.

Mid-row banding N fertilizer between every second seed-row at seeding maintains the greatest degree of seed safety. Less soil disturbance, and hence more moisture retention, would be achieved with a disk type mid-row bander unit compared to a shank-type.

Fluid sources are particularly convenient for one-pass systems, as application equipment for fluids is often easier to work with and cheaper to modify than equipment for granular or ammonia application. NH₃ is a relatively low-cost N source, but concerns exist as to its seed safety for application in a one-pass system. Nevertheless, NH₃ can be safely applied using side-band or mid-row band equipment, as long as the seed-fertilizer separation is at least 2-3 in. Good opener wear-ability, good soil tilth, good moisture conditions, and reasonable speed of operations are

also important to ensure that seed and fertilizer separation are maintained. Wing-tip injection of NH₃ on sweep openers has performed well for cereals on heavier soils. However, at the shallower seeding depths required for canola or flax, there may not be sufficient soil coverage to prevent ammonia escape to the surface.

Many of the commercial seeders do a very good job of side-banding or mid-row placement, but the cost of the equipment can be high. Draft requirement and seedbed disturbance may also increase and trash clearance may become a problem; however, the benefits of combining seeding and fertilization into one operation can be significant and may pay long term dividends. Recently there have been concerns over shallow placement of urea or UAN in the soil and volatilization potential. Field studies have shown urea placement at ½ to 1 in. depth had slightly more volatilization than at 1.5 to 4 in. placement, but yields were unaffected. Proper coverage and packing help to minimize any potential loss.

5. Banding nitrogen immediately after seeding –

A small amount of research and practice indicates that banding NH₃ immediately after seeding may have some advantages over topdressing in terms of cost and efficiency. This research was conducted many years ago on heavy clay soils previously seeded with diskers or air seeders. If such a strategy is attempted, ensure that NH₃ is placed perpendicular to the direction of seeding, using a narrow knife or low disturbance opener to minimize destruction of the seedbed. Also ensure that NH₃ is injected at the recommended depth to minimize the potential for seedling damage and to prevent ammonia escape from the trench. With very precise guidance (e.g. RTK), some farmers have successfully fertilized between seeded rows after seeding to band apply fertilizer N, but this is only practical in 10 in. or wider row spacings and with low disturbance application equipment that can band fertilizer into the soil with minimal stand disruption or injury.

6. Post emergence or midseason applications – In some situations, producers may want or need to delay applying a portion of their nitrogen fertilizer until they have a better estimate of their crop's yield potential or because of constraints on the amount of N fertilizer they can apply before or during seeding. Historically in Manitoba midseason applications of all or part of a crop's nitrogen fertilizer has not produced higher yields than pre-plant or one-pass seeding and fertilizing application. However, new fertilizer products and practices have improved the efficiency of post-planting applications as a complement to applications at or near planting. For example, recent research on split N application with urease-treated urea produced highest spring wheat yield when 25-50 per cent of the N was split applied at stem elongation – when more than five millimetres of rain was received within five days of application.

Top-dressing (broadcasting N after crop emergence) can be a reasonably efficient method of applying N fertilizer if rain falls soon after application, which is common in the spring in much of Manitoba. However, post-seeding surface applications will be subject to the same considerations as surface applications prior to seeding. UAN is well-adapted to use for post-seeding N applications if it is dribblebanded or injected using coulter applicators after crop emergence. Conversely, applying UAN in a fullcoverage spray may result in leaf burning and significant losses of N. Ideally, post-emergent N should be applied to cereals no later than heading and to canola prior to bolting.

Regardless of which source and placement is used for midseason applications, the crop's early season N requirements must also be met. Therefore, a substantial amount of N should also be applied at or near planting in situations where soil N supplies are low and/or to deal with the risk of adverse weather that could delay post-seeding applications. Volatilization losses

will be higher on high pH soils, especially if a urease inhibitor is not used. There may also be an enhanced risk of stranding of N at the soil surface with prolonged dry weather, regardless of whether a urease inhibitor is used. Therefore, the likelihood of a benefit from post-seeding applications increases with the chance of significant in-season precipitation. This is because the crop is more likely to be able to gain access to the applied N and, because yield is primarily limited by available moisture, in-season rainfall increases yield potential and response to applied N. In addition, early season denitrification and leaching losses of N already present in the soil will be greater under wet conditions.

One more consideration: making sure your P and K fertilizer is “in place”

Another fertilization issue to consider is the logistical challenge of getting phosphorus (P) and potassium (K) fertilizers to retailers and farmers for this coming spring season, when the transport and warehousing system will be severely stressed to handle extraordinarily large quantities of N fertilizer. Although there are agronomically efficient options for applying N fertilizer after crops are planted, there are no equivalent timing and placement options for applying P and K efficiently after planting. Over 90 per cent of wheat and canola fields in Manitoba are fertilized with P at seeding, for example. Therefore, given the importance of banding P and K at time of planting, farmers should ensure that they have their bulk requirements for P and K fertilizers “in place” – preferably on their farms, well ahead of seeding time.

Minimizing nitrogen fertilizer losses to the environment

Fertilizer use efficiency will be greatest when a source, placement and timing combination is used that minimizes N losses by the following mechanisms:

- **Volatilization** is the loss of N to the atmosphere as ammonia gas. Ammonium and ammoniumproducing sources, such as urea or UAN solution, may be lost by volatilization when left on the soil surface, while nitrate

sources are not susceptible to this loss. The ammonia dissolves and travels in soil moisture, so volatilization losses increase with factors that increase evaporation, such as warm air and soil temperatures and wind. Applying ammonium-based fertilizer when temperatures are cool, winds are light and rainfall is imminent helps to reduce volatilization losses.

- **Immobilization** refers to the “tie-up” of N in the soil microorganisms as they decompose crop residues and use plant available N, such as ammonium and nitrate, for their own growth and reproduction. This is a temporary loss, since the N will become plant available when the microorganisms die and decompose, but it restricts N availability in the year of application. Immobilization losses are greatest for crop residues that have a low concentration of N or a high ratio of C to N (e.g. cereal crop residues) and when straw volumes are high (e.g. wheat straw versus canola residue).
- **Denitrification** is mainly a microbial process that converts nitrate-N to gaseous forms of N, which can be lost to the atmosphere. Denitrification occurs when available oxygen in the soil is limited, such as very wet or flooded conditions or when the soil is very compacted. Losses are higher on fine-textured soils (e.g. clay) and in depressional areas of the landscape where water ponds. Even when the soil is not completely flooded, there will be microsites in the soil where oxygen availability is limited and denitrification can occur. The

rate of denitrification will be faster when soil temperatures are warm, because the activity of the micro-organisms that cause denitrification increases with increasing soil temperature.

- **Leaching** is the movement of N in the soil water down through the soil profile. When the N moves below the rooting depth, the plants can no longer reach the N, so it is lost for crop use and poses a threat to groundwater quality. Ammonium-N is normally bound to soil particles and is protected from leaching losses. Therefore, N in the nitrate form is much more susceptible to leaching losses than the ammonium form. Leaching will increase with increasing precipitation and is greater on coarse-textured (sandy) soils with lower water holding capacity.
- **Runoff and erosion** are not generally serious problems where fertilizer N is banded or incorporated. However, if fertilizer is applied onto snow or frozen soils, or if surface application is followed by heavy rainfall, losses may be substantial.

The potential for N loss from these pathways will depend on soil type and environmental conditions. Therefore, when selecting a fertilizer management program, the soil and environmental conditions should be evaluated to assess the relative risk of losses by volatilization, immobilization, denitrification, leaching and runoff or erosion.

John Heard (Manitoba Agriculture and Resource Development) and Don Flaten (University of Manitoba) Spring 2020

High Loss Potential

moist conditions, followed by rapid drying
 high wind velocity
 warm soil temperatures
 high soil pH (> pH 7.5)
 high lime content in surface soil
 coarse soil texture (sandy)
 low organic matter content
 high amount of surface residue (Zero Till)

Low Loss Potential

dry conditions, followed by rainfall
 low wind velocity
 cool soil temperatures
 low soil pH (>7.5)
 no lime at soil surface
 fine textured soil (clay)
 high organic matter content
 low amounts of residue (intensive tillage)

Wapiti Watershed Source Water Protection Plan

Why are we washing our hands so much? Why are we trying in vain not to touch our faces? Why are practicing social distancing? To reduce the spread of COVID-19. To change the future. This approach will help minimize the risk of infection and thereby lessen the negative impact of this virus. It is proactive management. It is NOT reactive management, that is – waiting until the negative impact is felt and then trying to fix it. It is NOT waiting until people are so sick that they need a ventilator; it IS acting to prevent this from happening.

Segue Proactive Management

We are undertaking a proactive management strategy for water in the Wapiti Watershed. A Source Water Protection Plan is being developed that will identify hazards and the risks they pose to water quality in the Wapiti Watershed so that steps can be taken to prevent contamination of the water. Hazard identification and risk assessment is the stage that we are at now and we are seeking your input for this before moving on to the next step.

On the map of the watershed, the different land

uses are displayed and allow us to consider what the hazards are and how big of a risk they may be. The diagram of the water cycle shows how water moves across the landscape and how contaminants may enter the water.

You can provide input via the online survey at <https://www.surveymonkey.com/r/QT3RMVL> or email mpwa.coordinator@telus.net.

Who are we?

Aquatera, Canadian Association of Petroleum Producers, County of Grande Prairie, Mighty Peace Watershed Alliance, Municipal District of Greenview

What are we doing?

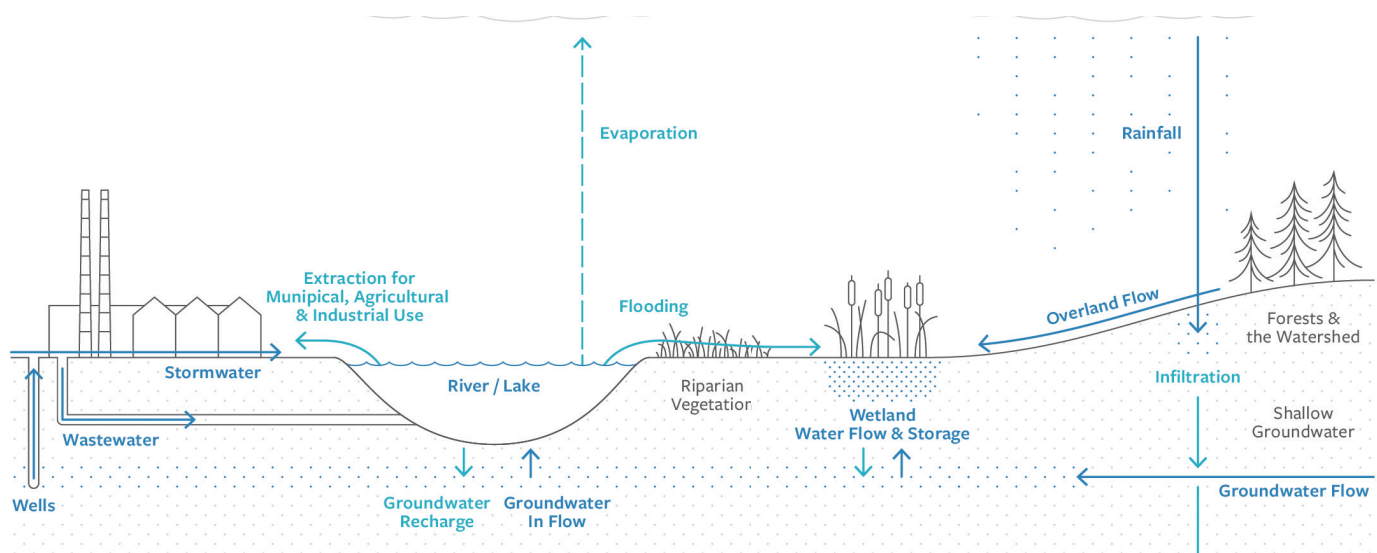
Looking for input on the hazards and risk to water in the Wapiti Watershed.

How long?

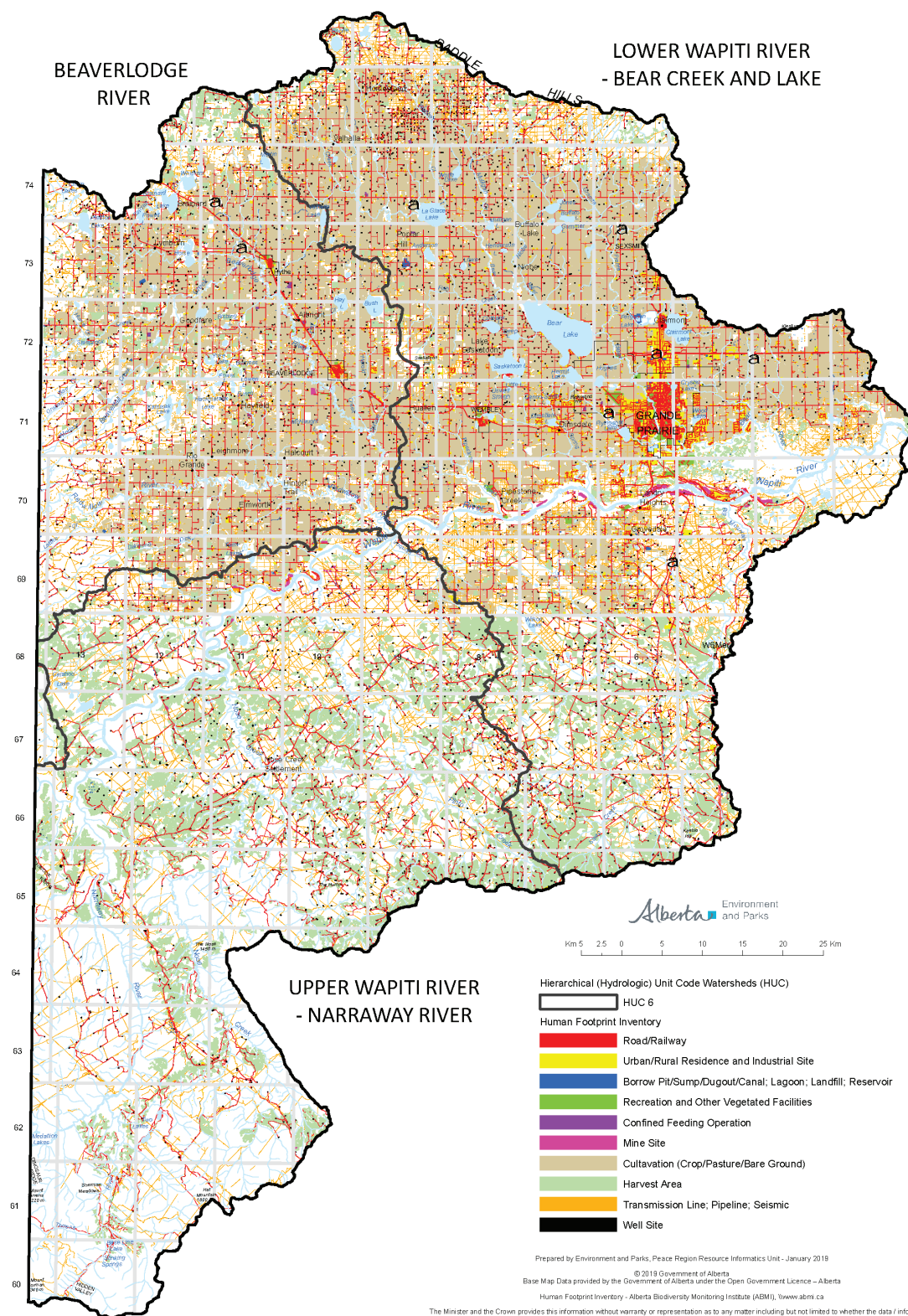
Input on the hazards and risks can be provided until March 30th, 2020.

Where?

www.mightypeacewatershedalliance.org/projects/wapiti-watershed-source-water-protection-plan/



Human Footprint Inventory



Wireworms – We’re Just Seeing the Tip of the Iceberg

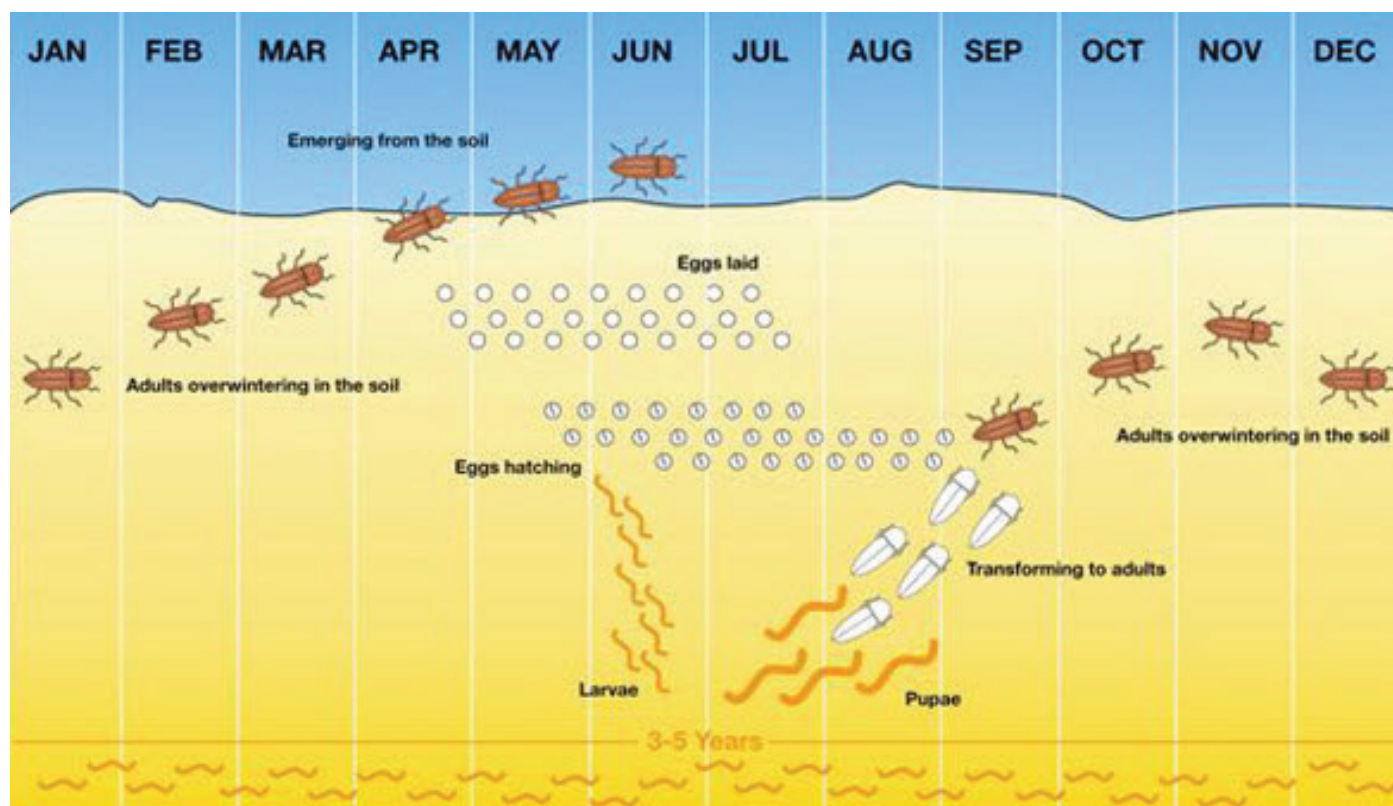
As damage to field crops is poised to escalate, consider proactively finding a wireworm control solution for your area by submitting samples to a member of Canada’s wireworm research team.

Lindane (e.g. Vitavax Dual, etc.) insecticide applied for several decades to crops on the Canadian Prairies kept wireworm numbers low. Since the ban of this organochlorine pesticide in 2004, wireworm damage in field crops is rebounding. Some entomology researcher scientists say we’re just seeing the tip of the iceberg.

Varying from region to region, around 30 different pest wireworm species exhibit diverse behaviours and lifecycles, making a single control measure improbable. An individual region may contain more than one wireworm species.

Depending on the species, the worm-like larvae can feed on plant roots and germinating seeds for up to 3 to 5 years before developing into the adult click beetle stage. While current insecticidal seed treatments may repel wireworms for a growing season, their populations continue to increase so that these treatment measures begin to fail. Even these insecticides may be phased out. Clearly, an integrated management method that also applies non-pesticide approaches will be required for optimal wireworm management.

Due to their preference to eat annual or perennial grasses, wireworm populations can build up in fields that have extended periods of cereal crops or pasture. Pulses, oilseeds, potatoes and sugar beets are susceptible to wireworm damage when grown in rotation with cereals. Crops grown in recently





Left to right Three common species of wireworms and click beetles, click beetles (adult stage), and wireworm (larval stage)

broken sod are especially vulnerable. Non-farmed areas like grassy ditches and undisturbed field borders also harbour wireworms and click beetles.

Agriculture and Agri-Food Canada's (AAFC) wireworm research team is identifying wireworm species and researching new control measures. An integrated management approach includes improved understanding of the contribution of beneficial insects as well as realizing how wireworm communities are affected by various agronomic techniques, including crop rotations. The research team needs to know which specific wireworm species dominates in your farming region so the correct control option(s) can be applied as the problem worsens.

Dr. Haley Catton, cereal crop entomologist of AAFC Lethbridge, is the Prairie representative on this team. The team is asking for producers to submit wireworm species from their fields. Catton and colleagues are writing a wireworm field guide, expected to be released later this year.

Due to a greater amount of soil moisture, wireworms migrate near to the soil surface in early spring when soil temperatures rise above 5° C, making spring the

best time to bait and capture wireworms. Baiting can be as simple as burying a cup of a cereal-based product like flour, bran or wheat seeds to a depth of four to six inches into the soil at marked locations.

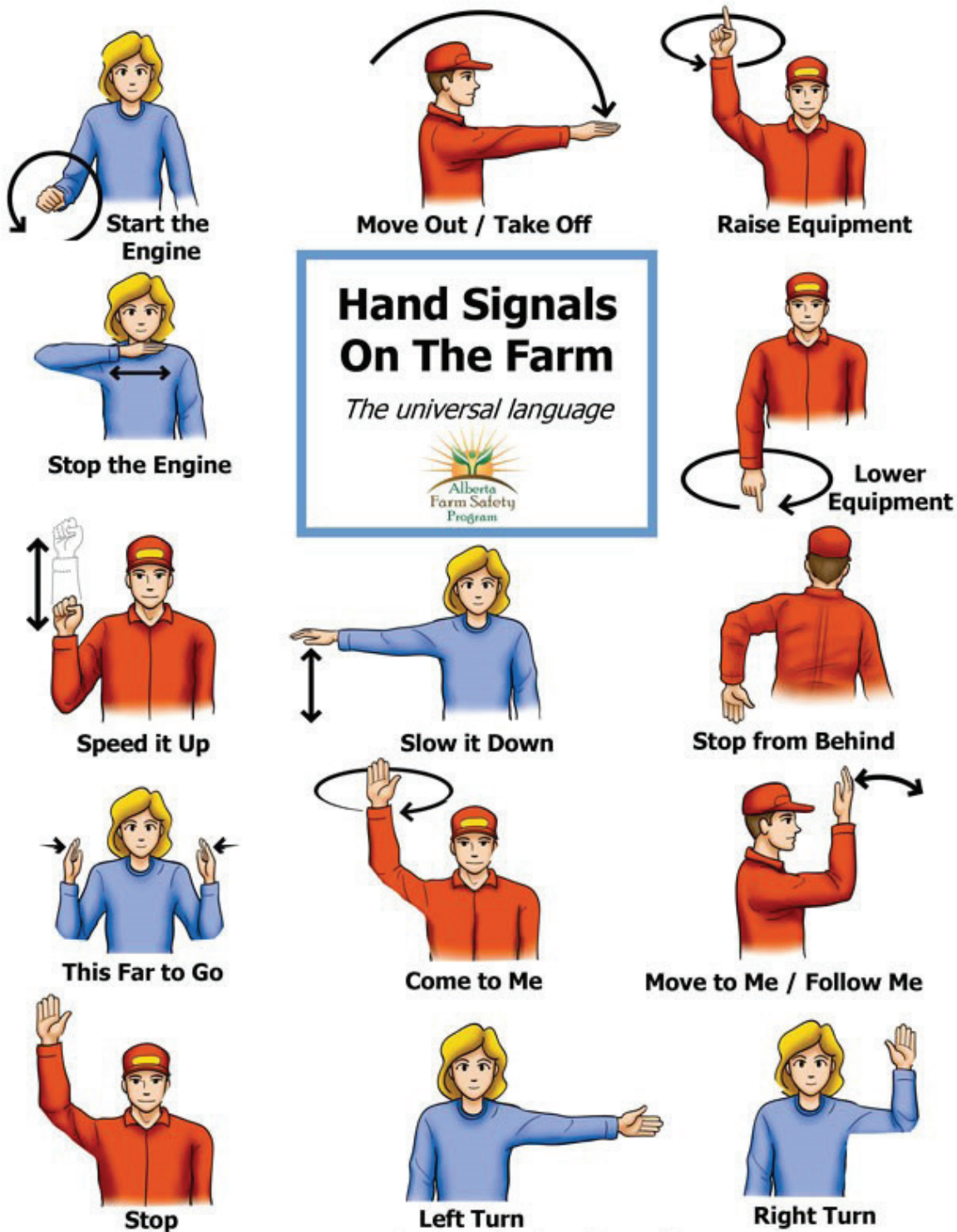
Dig up the baits 10 to 14 days later, collecting wireworms and some field soil (not too wet). Sort through the sample, picking out as many wireworms as possible and placing them in a small vial of rubbing alcohol as preservative. There may be more than one species present, so collect as many wireworms as possible. Mail your wireworm sample to:

Dr. Haley Catton
Agriculture and Agri-Food Canada
Lethbridge Research and Development Centre
5403 - 1 Ave S
Lethbridge, AB T1J 4B1

Include a brief description of when and where the sample was collected (nearest town or address), information about the crop rotation in the sampled field over the past 4 years, name and telephone number. Once the species are identified, producers will be contacted with the results.

-Neil Whatley, February 2020

Hand signals on the farm: The 'Universal Language'



www.agriculture.alberta.ca/farmsafety

Perhaps you have experienced the shouting and hand-waving that seems to accompany many chores on the farm. Noise from working around farm machinery and/or distance between workers often leads to a communication breakdown. This can lead to hazardous situations on the farm. Whether backing up to a farm implement, navigating an oversized load or working with livestock, hand signals are an ideal communication tool.

Using hand signals provides a way to communicate the needed information effectively and safely. Using hand signals:

- Saves time
- Prevents frustration
- Prevents accidents

- Reduces severity of injuries
- Lowers the risk of accidental death

The signals should be used by all the farm family, employees and farm visitors such as feed truck drivers, chemical salespeople and farm store delivery drivers.

Post the hand signals in an area where they will be seen on a daily basis. This will allow everyone to become familiar with the standard signals. The American Society of Agricultural Engineers (ASAE) has adopted the following uniform hand signals for agricultural safety. These hand signals help everyone to communicate in the same 'language' which decreases the risk of injury.



HOTLINE
for INCIDENT ASSISTANCE
1-833-9AGSAFE
 (1-833-924-7233)

If your farm or ranch falls under the jurisdiction of Alberta Occupational Health and Safety (OHS) legislation and you experience a serious incident, **AgSafe Alberta** is available 24/7 to provide you with support. Your call is connected directly to an AgSafe representative.

Support includes:

- On-site or over-the-phone assistance
- Working through stop work/use orders or demands issued by OHS
- Information on applicable reporting requirements
- Information on return-to-work programs for injured workers

When should you call the HOTLINE?

- You've had a serious incident occur on your farm or ranch, including: injury, illness, property damage, near misses
- OHS has arrived on your farm or ranch to perform an inspection or investigation
- You're unsure of the reporting requirements for OHS in Alberta

Call 911 in the event of a life-threatening emergency.

For livestock emergencies — contact **Alberta Farm Animal Care** at 1-800-506-2273.

For spills, releases, or environmental contamination — contact **Alberta Environment or Transportation and Dangerous Goods** at 1-800-222-6514.

Easter Egg Hunt

Can you find which
Easter egg appears
only once?

Wishing
everyone a
healthy, happy
Easter



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