

THE MUNICIPAL CONNECTION

Rural Routes

The Rural Routes supper takes place Friday August 16th at Elks Hall in Wainwright. Doors open at 5:30pm. Registration is required to attend as there are limited seats available. Please contact the M.D. at 780-842-4454 to register. We look forward to seeing you there!



Municipal Bursaries

The M.D. of Wainwright offers two bursaries to rural students! The Agriculture Service Board (ASB) Bursary is for students enrolled in an agricultural or environmental science program. The General Bursary is for students enrolled in any program at an accredited post-secondary institution.

Additionally, the Association of Alberta Agriculture Fieldman (AAAF) Memorial Bursary is open to those enrolled in an agricultural or environmental sciences program who reside in the Northeast AAAF Region.

The application deadline for all bursaries is September 1st. Visit mdwainwright.ca or stop in at the administration office for full details and applications!

Roadside Mowing

The roadside mowing program commenced on July 8th. Only designated M.D. roads will be mowed, as the focus is on school bus routes, hard surfaced roads and heavily-used municipal gravel roads. This program is administered by the Agricultural Services Department and completed by contractors.

Municipal Calendar Contest

Help us celebrate the diversity within the M.D. of Wainwright by participating in our annual calendar contest! Winning photos will each receive a \$100 cash prize and be displayed in a beautiful twelve month calendar. All municipal ratepayers are eligible to enter.

Deadline for submission is August 16th, 2024. Visit mdwainwright.ca or visit our Facebook page for full contest details.

Recreational Areas

The M.D. of Wainwright has several recreational areas. Aside from Riverdale and Arm Lake, there are small campgrounds at Ambler's Lake, Fabyan, Ribstone, and Salt Lake. New to Riverdale is a pickleball court! Head out to enjoy these amenities located within the M.D.



Tax Notices

Please note that tax notices were mailed out on June 27th. See the back of your notice for information on payment options and deadlines. Contact the M.D. office at 780-842-4454 for any inquiries.

Clear Lake Health Advisory

Cyanobacteria (blue-green algae) advisory was issued for Clear Lake on July 18th. Visit Alberta Health Services or the M.D website for details and precautions.

Helicopter Spray Project

The M.D. Ag Service Department partnered with BiAir Application Services to complete an aerial spray project at eight of the thirteen municipally operated gravel pits this season. All pits were inspected in 2023 and it was identified that several were due for vegetation management. Multiple pits had an abundance of russian thistle within them and though this species is not regulated under the Weed Control Act (WCA), this thriving prolific annual was posing risk of spreading into adjacent agricultural land. Russian thistle can produce up to 200,000 seeds per plant. When mature, this spiny tumbleweed breaks away from its root system and spreads seed wherever it travels in the wind. This species was the primary target of the program.

Due to the topography of the gravel pits, it was not feasible to complete this work with the Department's ground equipment. When reviewing the available options to complete the work, a helicopter was the clear choice for the most effective application. For the project, Navius Flex by ENVU was the herbicide of choice as it is highly effective against not only russian thistle, but over forty five additional broadleaf weeds. This broad spectrum coverage as well as the residual action of the product will provide extended control in the treated pits. Another advantage of Navius is the low use rate, with only 167g of product applied per hectare. It is also low odor and has no haying or grazing restrictions. Navius is also utilized in the roadside spray program with excellent results.

In the images, the top right photo shows juvenile russian thistle at the ideal stage for herbicide application. As the plant matures, it hardens off and is less susceptible. In the background, what looks like grass from a distance is actually a blanket of young plants carpeting a spoil pile. The second photo was taken one week post application at the same location where the russian thistle is declining swiftly. Recent weather conditions have been beneficial for this project as well as warm, moist conditions following application promotes the activity of Navius.

The third image is the helicopter approaching a gravel pile. The primary species growing on the piles themselves at this particular pit is yellow sweet clover. Below that, the helicopter is turning back to make another pass over the same piles, and, at left below it has landed on the mobile refilling station. The helicopter carries 100 gallons at a time, which is mixed load by load on top of the truck with fresh water stored in the tank below.

Treated pits will continue to be monitored through the season as well as next year to evaluate the success of the project and inform future plans.



True or False

T or F One animal unit = 2 head of cattle;
2 horses, elk or deer;
5 goats or sheep;
10 laying hens

T or F A development permit is required to shingle your roof or replace your windows

T or F The demolition and removal of a building or structure that would require a development permit for erection requires a development permit (DP)

T or F All decks or patios require a development permit

T or F Placing a sea can on your property always requires a development permit

T or F In the Country Residential zoning, on 6 acres or more, 2 animal units are permitted



Development Permit
Inquiries:
Dana Smith
Director of
Development Services
780-842-4454

1) T 2) F 3) T 4) F 5) F 6) T



Before & After

Below are images taken one year apart in a tall buttercup infested pasture within the M.D.. As seen in the top photo, this perennial noxious weed had completely overtaken the area. In 2023, the Ag Service Department treated the area with Reclaim II by Corteva Agriscience.

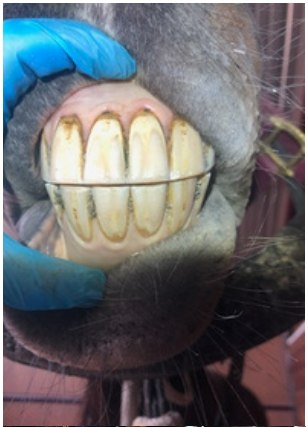


Though this is a residual product, it is important to continue monitoring and treating the site as necessary for a number of years in order to prevent reinfestation by the existing seed bank.

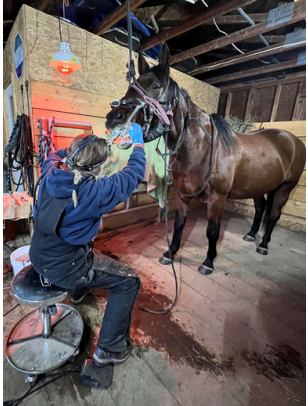
2024 Results



Many horse owners are well aware of the need for regular farrier work, but an often overlooked aspect of equine welfare is dental care. The truth of the matter is that neglected teeth can lead to a plethora of issues for any horse, whether they be a pasture pet or performance mount. As horse's teeth continuously erupt (think 'grow') throughout their life, it is common for sharp edges, hooks, and uneven wear patterns to develop. This may cause discomfort not only in the mouth, but can affect the body on a much wider scale. It is not uncommon to encounter behavioral, training, or performance issues when dental problems are present. If a horse is showing signs of oral issues, an equine dentist is the first call to make.



As a lifelong lover of horses, Rhiana Maguet knew she wanted to pursue a career in the industry. Having been exposed to equine dentistry as a teen, she was intrigued by the profession and decided it was the path she wanted to travel. Though she was prepared to jump into educating herself in 2020, Covid put a wrench in Rhiana's plans and she had to wait patiently for her opportunity to travel to Idaho to study at the Dale Jeffrey's Equine Gnathological Institute in 2022. Following an intensive two weeks of training, she returned home to begin a year long apprenticeship under certified equine dentist Leo Tournier. After amassing 350 hours under her mentor, participating in wet labs, and passing both written and practical exams, Rhiana received her status as a certified equine dentist with the Canadian Association of Equine Dental Practitioners (CAEDP) in 2023 and is licensed to practice in Alberta and Saskatchewan. Through this process, Rhiana has gained a wide network of professionals to draw on and regularly consults with her mentors when she runs into unusual cases. After all, every mouth is unique and you never know what you might come across. A memorably out-of-the-ordinary case she recently encountered was a double set of bottom incisors (bottom image). As the adult teeth erupted, the baby teeth did not fall out as they typically would and were instead pushed forward and retained, leading to extraction. Rhiana's own horse has turned out to be an interesting case study for her as the lower front molars arc forward on both sides. To be sure she was doing the best possible work she hauled the horse to her mentor Leo to consult on the best methodology to manage teeth like this. The extra effort and learning experience paid off as she soon encountered another horse with the same issue and knew just how to manage the case.



The advantage of utilizing a certified equine dentist is the specialized training they receive. Their entire focus is on optimizing oral biomechanics and balance to maintain a horse's overall health, comfort and wellbeing. For Rhiana, a typical appointment takes an average of 45 minutes per horse. She first looks at the animal as a whole, checks the incisors, palpates the TMJ and hyoid, and feels how the jaw moves prior to sedation. Once the speculum is installed she thoroughly inspects the mouth both visually and by feel to identify what issues are present before proceeding with the float. 'Floating' is the term used to describe the correction of dental problems in horses, and involves filing or rasping the teeth to reduce sharp edges and make the surfaces smoother. Something that may be overlooked by other practitioners but is addressed by certified dentists is the horse's incisors, the teeth at the front of the mouth. This comes back to the pursuit of balance and correct biomechanics. When molars are floated but the incisors are not managed it can lead to the molars being unable to touch, which causes not only improper chewing but can also cause immense pressure on the horses TMJ. Aside from basic floats, equine dentists also complete extractions. Most common is the removal of wolf teeth. Not all horses develop these small premolars, which unlike the rest of a horse's teeth do not continue to grow past their initial eruption. They do not serve any purpose to the horse and may cause interference with the bit so they are often removed. Before finishing up with any float, Rhiana moves the jaw and thoroughly inspects her work to ensure everything is in balance and moving correctly.



Like every entrepreneur Rhiana comes up against challenges. Starting up a business is always a learning experience and test, and like many professions it takes time to find and build clientele. With life getting ever busier and more expensive, balancing and growing her business amongst additional part time work takes a great deal of organization on Rhiana's part. A unique challenge in equine dentistry is the frequency of client need. Ideally teeth are checked and floated if required annually. She is beginning to amass returning clients, but unlike more high frequency trades like farrier work, there is an increased need for new patrons to keep the books full. Looking forward, Rhiana hopes to add additional services to her repertoire such as chiropractic or acupuncture therapy and work full time in the field she is so passionate about.

 RM Equine Dentistry

rhiana.eqdental@gmail.com
780-842-7084



What drives Rhiana is a desire to help every horse she meets feel and perform the very best they can. She treasures the time she has spent going to school, learning from her mentors and every horse she treats, travelling to new places and making connections with clients and peers in the industry. She looks forward to continuing to grow professionally, acquiring more knowledge and experience with every patient she meets. When your equine companion is in need of care, you can rest assured that they are in capable hands with RM Equine Dentistry.

Prairie Staples Blanket Flower - Gaillardia aristata

Blanket Flower is native to Alberta and is commonly found throughout the foothill and parkland regions. It is a drought-tolerant perennial that blooms from early summer to fall. The vibrant blooms attract butterflies, bees, and other beneficial insects making it an excellent pollinator. This plant tends to thrive on disturbed grounds making it known as a roadside species. Historically gaillardia was extensively used for medicinal purposes, such as treating stomach and skin disorders.

Aquatic Invasive Species (AIS)

Aquatic invasive species and diseases pose a major threat to our freshwater ecosystem. There are three main actions to help prevent the spread of invasive species and diseases:



- Common aquarium and pond species can become invasive when released into the wild. Unwanted pets can be returned to the pet store, given away, or donated to schools and other community organizations.
- Clean all items used in water, drain all water before leaving the waterbody, and dry the watercraft/ gear between trips.
- Standing water in watercrafts and equipment is a known source for introduction of AIS and fish diseases. Pulling out your drain plug before leaving the boat launch ensures residual water will drain out during transportation.

Visit abinvasives.ca to learn more about AIS and other invasive species.

Municipal Weed Inspectors

Dennis Fuder
780-842-7060
Division 1, 5, 6, and 7

Laine Maron
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Environmental Farm Plans (EFP's)

An EFP is a simple self assessment tool in the form of an online workbook that is free and confidential. EFPs are valid for 10 years and are requirements for some S-CAP funding. Visit albertaeefp.com to learn more and sign up today.

Podcasts

Talking Farm and Food is a monthly podcast highlighting stories and experiences of farm business entrepreneurs and the lessons they've learned. Episodes from industry experts about farm management topics such as transition planning!



Sustainable Canadian Agricultural Partnership (S-CAP)

This federal-provincial partnership delivers grant programs that generate sustainable economic growth in the agricultural and agri-food sector. There are several cost sharing programs available to farmers and ranchers, including On-Farm Value-Added, and Water Programs. Visit alberta.ca/sustainable-cap.aspx to learn about these programs and what they can do for your operation!



Rhubarb Coffee Cake

1/2 cup butter or margarine
1 1/2 cup granulated sugar
2 eggs
1 cup sour cream
1 tsp vanilla
2 cups all-purpose flour
1 tsp baking soda
2 cups finely cut rhubarb

Topping:

1/2 cup brown sugar
1 tbsp all-purpose flour
1 tsp cinnamon
1 tbsp butter or margarine

Preheat oven to 350 F. Cream butter and sugar together in a mixing bowl. Beat in eggs 1 at a time. Stir in sour cream and vanilla.

Mix flour and baking soda together in small bowl. Fold into batter. Stir in rhubarb. Turn into greased 9x13" pan.

Topping: Mix all 4 ingredients together until crumbly. Sprinkle over top. Bake in oven for 30-40min until an inserted wooden pick comes out clean.