



Making New Friends, Having Fun, Promoting and Preserving Canada's National Horse

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A Message from Katy Harrouart, President, CHBA

As president of the Canadian Horse Breeders Association I am pleased to share with you, on behalf of the Board of Directors, some information about our 2020 achievements and projects underway for 2021.

Communication has been a priority issue for us because it is the source for all information. After reviewing the format of our electronic newsletter (*Xpress News*), we also changed the format of *The Canadian Horse* magazine to make it more readable and attractive.

Our website (www.lechevalcanadien.com), the focal point for any search for information, is also undergoing a complete renovation to make it more modern and comprehensive. To complete the communications component, we have also created an official Facebook group.

Our association maintains a complex relationship with the Canadian Livestock Records Corporation, mandated to manage our membership database and pedigree registry. We have sought to analyze all existing processes, from an organizational or financial point of view. This work has been colossal because the CLRC's structure seems surprisingly opaque, even for those who work there. Some processes will need to be revised to improve efficiency or cost-effectiveness.

The large census conducted in 2020 in Canada and abroad (USA and Europe) revealed a lack of reliability in the registry data. Even if it is not surprising, it is always frustrating to see that the status of thousands of horses is never updated (dead horses, gelded, sold without being transferred, owners unreachable, etc.). We will redouble our efforts to increase the reliability of the data and encourage the registration and transfer of horses so as not to lose track of them. No paper, no breed!

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At the governance level, we have reviewed all official forms to make them clearer, more current, and more consistent. The new version of the bylaws that we passed in 2020 is now approved by Agriculture Canada, so it has the force of law.

There are many plans for 2021, but first and foremost we will have to consolidate what has been started. The magazine must continue to develop through continuous improvement and diversification of its content. The website needs to be finalized, and even before its official release, we already see additional (and complementary) needs that will lead to a second version.

We must also continue to support the breeding sector, offering structural tools such as a directory of stallions standing at stud and breeders. We also need to start thinking about a training program that will benefit both those who want to start breeding and those who would like to improve their knowledge. In addition, we will continue to listen to various initiatives that could benefit the breed and that require our support. As the federal association responsible for the pedigree registry, the Canadian Horse Breeders Association wants more than ever to position itself as a leader in fulfilling its multi-pronged mission (recording, promoting, supporting, informing, educating, coordinating, and encouraging).

We hope that your membership will be there to support our ambitions.

Need to contact us? Write to info@lechevalcanadien.ca

Katy Harrouart, President, CHBA

Canadian Baby of 2021

Introducing Cedar Rock Willow Irock-c, a colt born this spring belonging to Kathleen and Robert Scott. You'll find more foal pics throughout the newsletter, and we'd love to see more for the next newsletter! Send your photos to gcbandt@sympatico.ca.



Cedar Rock Willows Irock-c, colt, born 21/04/2021
Dam: Cedar Rock Miller-Lite El-Remi (#14914)
Sire: Providence Wynsten El-Riel (registration pending)
Owners: Kathleen & Robert Scott

“Conditioning Your Horse for Summer” Webinar

Report Submitted by Gail Brandt, Secretary

On May 27, CCHAO sponsored a two-hour-long webinar devoted to how to properly condition horses for increased summer and fall activities. We were very fortunate to have Patty Carley from Red Deer, Alberta, as the presenter.

An accomplished rider and driver who has owned Canadian Horses for the past fifteen years, Patty is an active member of the Canadian Horse Association Rocky Mountain District (CHARMD). She currently competes in combined driving at the preliminary level as well as in working equitation with her chestnut gelding, El Passo Nobell Texel (#12125). Patty is also Chair of the driving committee of Equestrian Canada, a director of the Alberta Carriage Driving Association, and an active member of the Chinook Chapter Driving Club.



Patty grew up riding in Pony Club, participating in three-day eventing, and competing in tetrathlon—a sport that includes middle distance running, swimming, air pistol shooting, and cross-country riding. As a competitive athlete, she used the same principles for her own training as she now uses to get her horses in shape. While she has garnered a number of awards, the one she cherishes most is a bucket won for having the best-conditioned horse at a driving competition she attended.

During the course of her presentation, Patty was able to share many of her own insights and experiences and to answer a number of key questions posed by participants. As a result, those who attended were very positive in their assessments of the value of the webinar. For example, Christine Byrnes from North Bay wrote the following:

Oh, how I am so glad that I attended the webinar provided with Patty Carley. I was left amazed and critical of my own lack of information on conditioning... So far, my goal involves recreational riding but the opportunity to have my mare trained for driving has crossed my mind (related to my aging). Due to this session, I will not let just anyone train my horse for this activity as conditioning requires cardiovascular activity, heart rate recovery, strength, suppling/flexibility and peaking and tapering monitoring. A trainer must know and follow these important guidelines for my mare to stay healthy and conditioned if I plan this for her future. Long lines training may be a future activity now that I have some new knowledge and will set this as a goal for arena workout.

*The best was the Planning and Record Keeping worksheets!! My Canadian mare, Goose Creek Reflxion W*Shymoon (#14195), and I are so blessed to be members of the CCHAO.*

Patty's presentation and her worksheets have been subsequently sent by email to members who were unable to

attend the webinar. If you did not receive them and would like copies, please contact me.

Given the enthusiastic response to this initial webinar, we are in the process of organizing another that will focus on saddle fitting. Details will be shared by email as soon as they are available.

More Canadian Baby Beauties

Tada...here come the girls!



Cedar Rock Willows Idamoon, filly, born 29/05/21
Dam: Light Speed Jetson Pebbles (# 11107)
Sire: Jalna Giland Willows (#13580)
Owners: Kathleen & Robert Scott



Cedar Rock Willows Illusion, filly, born 01/06/2021
Dam: Willow View Dawn Karona (#8681)
Sire: Jalna Giland Willows (#13580)
Owners: Kathleen & Robert Scott



Understanding Your Hay

by Rhonda Turley

Horses can do well on hay alone. But what does hay contain nutrition-wise? How much hay should be fed? We will focus on your hay. There are a few steps to this process.

Weight: You need to know your horse's weight. To find this out I use a horse weight tape measure. These are sold at feed stores or Greenhawk, for example. Stand your horse on a level area, standing four-square. Wrap the tape around the girth snugly and read the number. For my Canadian gelding, Hidden Meadows Neirin Scooter (#12005), the tape shows 545 kilograms. (These tape measures are not 100% accurate but give you a number you can work with.) I use this tape measure on Scooter every week to keep track of his weight and keep him slim.

Amount: Horses should consume about 1.5% to 2.5% of their bodyweight per day according to their condition and workload, so for the purpose of this example, I will use 2% dry weight for my Canadian. ($545 \times .02 = 10.9$ kg, rounding up to 11 kg.) So my Canadian should eat 11 kg of food (could include hay, beet pulp, hay cubes, grain, pellets, etc.) per day.

Weighing the feed: All feeds should be weighed. Don't use a scoop. A small kitchen scale can be used for small amounts; for larger amounts a hay net and hanging scale can be used.

Hay analysis: There are many feed and forage laboratories in Ontario. They have specific instructions for how to collect and ship the sample to them. Costs vary—usually between \$20 to \$50—depending how much detail is needed. You may need a separate analysis for each field, cutting, etc. A hay analysis helps you better understand what you're feeding your horse. This is especially important if you're concerned about the hay quality or if your horse is having nutrition/metabolic problems, for example, PSSM (polysaccharide storage myopathy), or PPID/IR/EMS.

Interpreting results:

Moisture: Optimum horse hay moisture ranges from 10% to 15%. Hay with less than 10% percent moisture may be too dry, leading to brittle hay. Hay over 16% moisture has a chance of becoming moldy. Hays with over 25% moisture are at risk of severe heat damage and potential fire hazard (this can occur in just a few flakes in a single bale to start heating). Hay is analyzed on a dry weight basis, so 10% moisture level equals 90% dry matter.

Crude Protein (CP): A measure of protein content is an indicator of the number of amino acids in the hay. CP can range from 8% to 14% in grass hays, 14% to 17% in legume-grass mixed hays, and 15% to over 20% in legume hays. Most adult horses at maintenance require about 8% to 10% CP.

Ash: Hay is burned at a high temperature and produces ash. The ash is analyzed for the mineral content.

Acid Detergent Fibre (ADF): Cellulose, lignin, and other poorly digestive components comprise ADF. Thus ADF measures how digestible the nutrients are in hay. It gives an estimate of how much energy the horse can derive from the hay. A good range for horses is 30%–40% ADF. Values above 45% may be too fibrous or indigestible for the horse to acquire adequate energy from. Feeding hay too high in ADF is the common cause of "hay belly."

Neutral Detergent Fibre (NDF): NDF is a measure of insoluble fibre. The higher the NDF, the less a horse will eat. NDF can be used to estimate forage intake. NDF levels between 40% and 60% are suitable for horses, but when hays reach NDF values over 65%, it may limit intake, and therefore the horse may not be able to obtain sufficient energy for maintenance.

Digestible Energy (DE): You can use this value to balance the energy part of your horse's diet. Hay may have 1.65 to 2.07 Mcal/kg of DE. A horse in light work may need 18 to 20



Mcal/day. This can determine if a horse needs to gain or lose weight.

Calcium (Ca) and Phosphorus (P): All horses need these minerals in specific amounts. The mineral content in hay differs among hay types. The adult horse at maintenance should have a Ca:P ratio between 3:1 and 1:1. Not having this ratio correct can cause problems in growing horses.

Starch: Forages are typically low in starch. No more than 15% of total daily calories from starch should be fed to horses diagnosed with PSSM. For horses with PPID/IR/EMS, no more than 4% of daily calories from starch should be fed.

Ethanol Soluble Carbohydrates (ESC): These are carbohydrates solubilized and extracted in 80% ethanol. Includes primarily monosaccharides (glucose and fructose) and disaccharides. This is the sugar content. For example: starch, 2%; water-soluble carbohydrates (WSC, see below), 12%; ESC, 8%. Total WSC plus starch is 14%, higher than ideal for any at-risk horse.

Water Soluble Carbohydrates (WSC): Carbohydrates solubilized and extracted in water. Includes monosaccharides, disaccharides, and some polysaccharides (mainly fructan). Fructan is a major storage carbohydrate in grasses.

Non-structural Carbohydrates (NSC): An analysis of the non-structural carbohydrates (starches and sugars) in the forage. NSC is commonly estimated by adding starch plus WSC. Because some horses can be very sensitive to dietary starch and sugar (e.g., horses with PSSM, EMS or laminitis), the NSC level can be helpful in selecting hay. Hay containing greater than 10% NSC should not be fed to these horses or should be soaked (1 hour in cold water or 20 minutes in hot water) prior to feeding. A quick test is to stuff a bucket with hay and soak in hot water for 30 minutes. If the water turns brownish, then it has too much sugar for PPID/EMS horses and cannot be fed without soaking first. Ensure this water

is not emptied where horses can have access, due to the sweet taste.

Trace Minerals: These are magnesium, sodium, potassium, chloride, iron, copper, zinc, manganese, selenium, and iodine. There are some mineral deficiencies horses may have due to the soil(s) the hay is grown on. (These minerals can be added in as needed based on the hay analysis.) There can also be surpluses for the same reason. Too much iron can worsen EMS (more than 500PPM). Zinc and copper have crucial roles in the functioning of many enzyme pathways and in protein synthesis. Two very important proteins that zinc and copper help synthesize are keratin and collagen, which make up hoof and hair (mane/tail/coat) tissue. The zinc:copper ratio is ideally 4-3:1.

For those of us in a boarding situation, analyzing the hay is unavailable. We can only visually inspect the hay. There are over 30 horses in Scooter's barn and the hay changes rapidly. There are several commercial vitamin/mineral balancer products available if the hay quality isn't there based on your inspection. I use a hay balancer for Scooter and he does very well on it, but read the labels carefully! Many have sweeteners added to improve palatability for the horse. Some have fillers added to make pelleting easier in the production process. Even though ingredients are required to be listed on the label from the most to the least, sometimes not all are listed. The responsibility for correct labelling of a feed tag rests with the feed manufacturer and not the government, so it is "buyer beware."

NOTE: For those who'd like to know more about hay balancers and supplements, especially as related to hoof and other conditions mentioned above, feel free to contact Rhonda Turley. She says you can message her through Facebook or email her at neirinscooter@gmail.com



JOIN TEAM CCHAO IN THE CHHAPS CHALLENGE

CCHAO is proud to support the “100 Hours in a 100 Days” CHHAPS challenge. As noted in the publicity included in this newsletter, the proceeds from the challenge will support CHHAPS programs and the Canadian Horse Rescue and Rehoming Society.

CCHAO is already recognized as an official team, so when you register for the event, please indicate that you are a member of our team. This event is open to horse owners of any breed, and if you have friends who do not own Canadians but would like to participate, encourage them to sign up as CCHAO team members as well.

Certificates will be awarded to each member of the team that generates the highest number of participants who finish the challenge.

In addition to the rewards CCHAPS is offering, we will be awarding the following prizes: \$50 to the CCHAO member who logs the most hours; \$30 to the member with the second highest number of hours recorded; and \$20 to the person who accumulates the third highest number. In order to qualify, you must have paid your 2021 membership fees before October 1.

GO TEAM CCHAO!

And Last, But Not Least of the Baby Beauties



Cedar Rock Willows Ironside, colt, born 24/03/21
Dam: Le Noir Kafka Wallonie (#13050)
Sire: Jalna Giland Willows (#13580)
Owners: Kathleen & Robert Scott



Heronwood Dartagnan-2 Iona, filly, born 9/05/21
Sire: Heronwood Tolou Dartagnan-2 (#14431)
Dam: Starfield Jay Andromeda (#13836)
Owners: Gail & Bernd Brandt, Heronwood Farms Inc.





The Canadian Horse Heritage & Preservation Society (CHHAPS) is delighted to host this virtual event for equines of every breed.

The challenge begins on Canada Day and continues until Canadian Thanksgiving on October 11th. Horse owners from Canada and the USA are invited to participate with horses of any breed, age or discipline. Whether you have a seasoned senior or young horse in-hand, enjoy this dedicated time to strengthen your skills and the partnership with your favorite equine.

Hours are accrued through mounted activities, in-harness or in-hand work, and can be earned at your convenience. Formal event participation not required. Maximize your experience by setting a personal goal and getting involved! Here's how:

- **Register, share photos and see current standings on our Race Roster [site](#).**
- **Connect with others in our private Facebook group – you will receive an invite after registration.**
- **Join a Team, or create your own! All regional and national Canadian horse breed organizations are already available.**

Simply enter your total hours by midnight, October 11, to receive your commemorative pin, and to be eligible for awards in various categories, including for registered Canadian Horses, Endangered Equines, as well as for all other equine breeds. For more info on these, see: www.chhaps.ca/challenge/awards/

Proceeds will support CHHAPS breed awareness and educational activities, as well as the Canadian Horse Rescue and Rehoming Society.

Your participation is a great way to learn more about the Canadian horse, support a good cause and best of all – to enjoy the journey with your horse!

Register now for CHHAPS CHALLENGE at:

<https://raceroster.com/events/2021/47097/100-hours-in-100-days>

See CHHAPS website www.chhaps.ca for further details or to download full instructions.



PLEASE SHARE THIS FORM WITH OTHER CANADIAN HORSE ENTHUSIASTS

CHEVAL CANADIEN HORSE ASSOCIATION ONTARIO (CCHAO) 2021

2021 Membership Form (1 January—31 December)

Please print in block letters.

Name: _____

Address: _____

Telephone: _____ E-Mail: _____

Membership Type:

- | | | |
|---|------|--------------------------|
| Adult - 18 yrs and over, 1 CCHAO vote | \$40 | <input type="checkbox"/> |
| Youth - 17 yrs and under, 1 CCHAO vote | \$20 | <input type="checkbox"/> |
| Couple - 2 adults, 2 CCHAO votes | \$60 | <input type="checkbox"/> |
| Family - 2 adults & related youth, 2 CCHAO votes | \$80 | <input type="checkbox"/> |
| Associate - Does not own a Canadian Horse –Non Voting | \$20 | <input type="checkbox"/> |

Please make cheques payable to Cheval Canadien Horse Association Ontario and mail to: Candace Gomes, CCHAO Treasurer, 5933 Battersea Road, Battersea, ON K0H 1H0. If you would NOT like to have your name and e-mail address shared with other members, please check the following box:

I do not wish to have my name and contact information published in CCHAO's membership directory.

Photo/Video Release Authorization

I, the undersigned, give permission to CCHAO and to its designated agents, to photograph/video me at CCHAO activities and to use such photographs/videos in all forms of media, for any and all promotional purposes. I further consent to the use of my name in connection with the photographs/videos. I understand that I will not receive any payment for my time or expenses or any royalty for the use of the photo/video, and I hereby release CCHAO from any such claims.

Member's Signature: _____

For Couple or Family Memberships, please provide additional names and signatures:

Parent's Signature for members under 18 years: _____

Date: _____

