



EQUINE CANADA

Equine Traceability ... MOVING FORWARD WITH CanEQUID

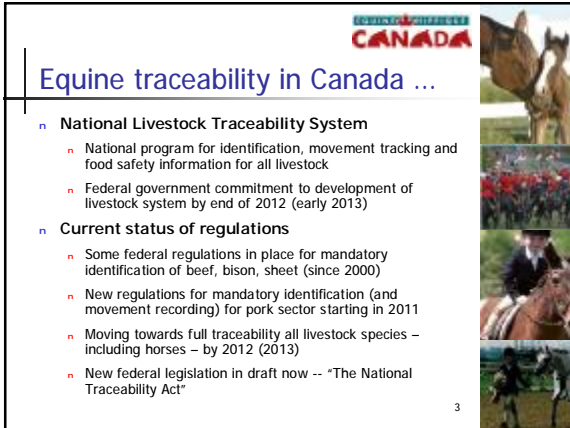
WBFSH
September 30, 2010



Today's meeting ...

- Vel Evans -- on behalf of Equine Canada
 - Project Manger for development of the national traceability program since 2003
 - Co-chaired Equine ID/Traceability Committee
 - Worked with EC reps on FPT-TTT-IGAC (standards & protocols committee)
 - Board Member OnTrace (Ontario Traceability Agency for Province of Ontario)
- Update on status of Government/Industry discussions and plans for National Equine Traceability Program
 - 2010 Pilot Project & 2010 National Survey
- To address questions on the next steps for the development of the CanEQUID system for Canada

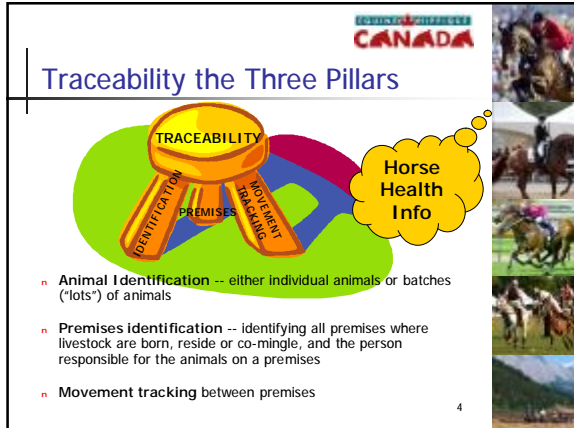
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Equine traceability in Canada ...

- National Livestock Traceability System**
 - National program for identification, movement tracking and food safety information for all livestock
 - Federal government commitment to development of livestock system by end of 2012 (early 2013)
- Current status of regulations**
 - Some federal regulations in place for mandatory identification of beef, bison, sheep (since 2000)
 - New regulations for mandatory identification (and movement recording) for pork sector starting in 2011
 - Moving towards full traceability all livestock species – including horses – by 2012 (2013)
 - New federal legislation in draft now -- "The National Traceability Act"

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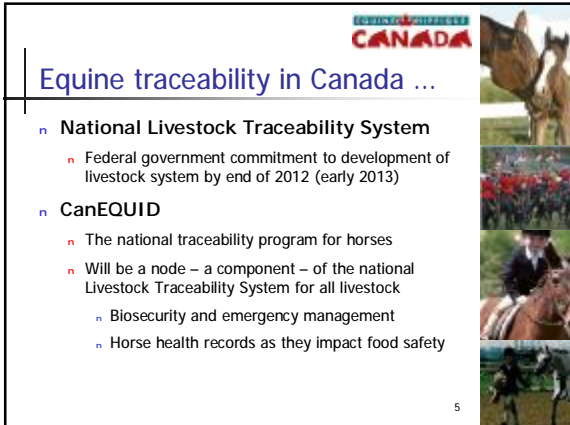


Traceability the Three Pillars



- Animal Identification** -- either individual animals or batches ("lots") of animals
- Premises identification** -- identifying all premises where livestock are born, reside or co-mingle, and the person responsible for the animals on a premises
- Movement tracking** between premises

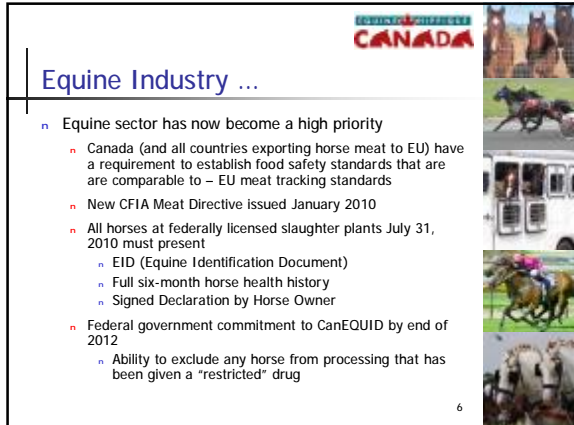
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Equine traceability in Canada ...

- National Livestock Traceability System**
 - Federal government commitment to development of livestock system by end of 2012 (early 2013)
- CanEQUID**
 - The national traceability program for horses
 - Will be a node – a component – of the national Livestock Traceability System for all livestock
 - Biosecurity and emergency management
 - Horse health records as they impact food safety

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Equine Industry ...

- Equine sector has now become a high priority
 - Canada (and all countries exporting horse meat to EU) have a requirement to establish food safety standards that are comparable to – EU meat tracking standards
 - New CFIA Meat Directive issued January 2010
 - All horses at federally licensed slaughter plants July 31, 2010 must present
 - EID (Equine Identification Document)
 - Full six-month horse health history
 - Signed Declaration by Horse Owner
 - Federal government commitment to CanEQUID by end of 2012
 - Ability to exclude any horse from processing that has been given a "restricted" drug

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Equine Industry ...

- A national biosecurity program is a priority for the industry
 - U.S. 2008/09 EEE (eastern equine encephalitis), Potomac Horse Fever, Leptospirosis, Vesicular stomatitis
 - CEM (contagious equine metritis)
 - Still active in U.S. in 2010 (impacting imported stallions and semen)
 - Equine piroplasmosis
 - Still active in U.S. (impacting import/return of horses from selected U.S. states)
 - nEHV1 (neurological strain of equine herpes virus)
 - Reported cases Canada & U.S. 2009
 - First case of 2010 reported in U.S. March/10
 - Strangles

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CanEQUID – The National Program

- The CanEQUID program
 - Developed by the industry from extensive national consultations during 2004 through 2006
 - Accepted approach by the CFIA (and AAFC) as the framework for the national equine traceability program
- An "electronic passport" for horses
 - Identification of horses with a UELN, and a standardized description of the horse
 - Movement tracking will be recorded for industry events – where horses co-mingle (horse shows, racetracks, etc.)
 - Horse health records will be recorded in the electronic passport record, where it is required for food safety reasons, competition reasons or other business reasons

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CanEQUID Timelines ...

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How will CanEQUID work?

- ID for horses ...
 - Recognized Pedigree registries will issue UELN and complete standardized identification when foals are registered and/or when horses in the registry change ownership
 - Non-pedigree horses will have their UELN assigned (and ID record created) by CanEQUID
 - A training program will be developed to train "ID inspectors" to properly record visual descriptions for horses
 - If microchips are added to the horse (in addition to standardized visual description), they will be ISO compatible chips, and the info will be recorded in the horse's electronic record

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Change of Ownership

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CanEQUID reports back to all required organizations on new owner info ...

TO NATIONAL LIVESTOCK TRACEABILITY SYSTEM

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How will this affect our industry?

- n Registering Premises
- n Premises (farms or “non-farms”) with horses will acquire a number from the premises registry in their province
- n Working with the national associations and provincial federations, the industry will provide information to horse owners on how to register their premises
- n The process to register a premises will likely be different depending on the province

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How will this affect our industry?

- n Movement tracking:
 - n Records for racing, horse shows or other industry events will include the premises number for the location
 - n Through racing and horse show records, we will collect info on where and when horses co-mingle
 - n The CanEQUID program will continue to work with the CFIA to develop E-certs (“electronic veterinary certificates”), based on the horse’s record
 - n Working with CFIA, CanEQUID will seek U.S. (and international) recognition for the electronic passport record (printed as required) for international travel

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How will this affect our groups?

- n Horse health records:
 - n It is unclear at this time, what will be required to be stored in a horse’s electronic record
 - n BUT
 - n It is expected that it will include a record if a horse has been treated with a “restricted” drug and to mark the horse’s record with “Unfit for human consumption”

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CanEQUID – In 2010

- n Deadline to develop the program by 2012-2013 – Equine Canada initiated a two-stage research/pilot project in 2010
- n To identify industry readiness
 - n Status of record keeping
 - n Status of identification for horses nationwide
- n To test different methods of reporting movement tracking, change of custody, horse health treatments
- n To provide information for industry on how we implement the CanEQUID program
- n Two stages to the research/pilot

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CanEQUID – In 2010

- n National telephone research survey
 - n Interviewed 2,566 horse owners nationwide
 - n Owners surveyed owned 18,740 horses nationwide
- n Asked questions about ...
 - n Movement of horses where co-mingling occurs
 - n Identification of horses
 - n Record-keeping for horses
 - n Treatment of horses – how often, and by whom
- n Additional questions to develop an updated profile of the Canadian herd ... prices, costs to keep horses, herd increase/decrease, economic contribution from the horse industry, general “state-of-the-industry”

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CanEQUID – In 2010

- n Ontario Pilot Project
 - n Using the Ontario racing sector
 - n 32 trainer/owner/custodians
 - n 748 horses
 - n 90-day period (June/July/August 2010)
 - n Reporting all movements, health treatments, change of custody, and change of ownership
 - n Divided into three groups to test different methods of reporting
 - n Reporting on paper
 - n Reporting through Spreadsheet/program
 - n Reporting through the Internet

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What we found ... nationally

- n National telephone survey ...
- n Approximately 1,110,000 horses in Canada in 2010 (up by 12% since the last national study in 2003)
- n Registered horses ... 800,000 could be registered (owner identified as "pedigree" horses)
- n Owners have papers for about 615,000 of these horses
- n Approximately half (430,000) are registered with Canadian studbooks, the balance are registered with off-shore (non-Canadian) studbooks
- n Through Equine Canada, approximately 86,000 horses have passport documents (but many are not current)

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What we found ... nationally

- n Record keeping by horse owners ...
- n 72% of horse owners keep some types of records for all their horses ...
 - n Feed records 24%
 - n Farrier visits 48%
 - n Vet visits 57%
 - n Immunization 58%
 - n De-worming 56%
 - n Breeding 25%
 - n Ownership 39%
 - n Medication / treatments 51%
- n Very few owners keep ALL types of records (<17%)

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What we found ... nationally

- n Movement of horses ... nationally
- n Horse owners reporting that one-or-more of their horses leave the home farm in an average year ... (in contact with other horses)
 - n Never 20%
 - n Less than 10 times 35%
 - n 10 to 20 times 19%
 - n More than 20 times 26%

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What we found ... nationally

- n Movement of horses ... nationally
- n Horse owners reporting that one-or-more of their horses leave the province in an average year ...
 - n Never 67%
 - n Less than 10 times 28%
 - n More than 10 times 4%
- n Horse owners reporting that one-or-more of their horses leave the country in an average year ...
 - n Never 53%
 - n Less than 10 times 42%
 - n More than 10 times 4%

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What we found ... nationally

- n Health treatments and vet care ...75% reported that all their horses are seen by a vet at least once-per-year
- n Owners who reported treatments for their horses

Owners Reporting	%	By Vet	By Owner	Sometimes Owners
De-worming	97%	10%	85%	5%
Immunizations	87%	60%	33%	7%
Phenylbutazone	39%	11%	82%	8%
Tranquilizers	32%	76%	16%	8%
Anabolic steroids	3%	44%	43%	13%
Anti-inflammatory	18%	25%	61%	12%

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CanEQUID – In 2010

- n Ontario Pilot Project Ontario horse racing sector
 - n 32 trainers/owners/custodians
 - n 748 horses from three racing/breeding sectors
 - n Average of 23 horses per participant
 - n Quarter Horse 112
 - n Standardbred 263
 - n Thoroughbred 248
 - n These owners /trainers also owned additional 125 horses of "other breeds/other uses"

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CanEQUID – In 2010

- Ontario Pilot Project Ontario horse racing sector
- Over a 90-day period June/July/August
- Trainers were expected to report
 - All movements (from one location to another)
 - All horse health treatments
 - All horses entering or leaving their custody
 - All horses changing owners
- Reported information in three formats
 - On paper (sent in by Fax)
 - In spreadsheets (sent in by Email)
 - Via Internet website



CanEQUID – In 2010

- Ontario Pilot Project Ontario horse racing sector
- Those in the racing sector that participated
 - Horses in breeding 196
 - Horses in racing 467
 - Horses in sport competition 31
 - Horses in recreation 54
- Reported 1,885 movements (over 90 days)
 - For racing 494
 - For training 173
 - For breeding 16
 - For competition 10
 - For Vet Care 61
 - + 800 movements for "OTHER REASONS"

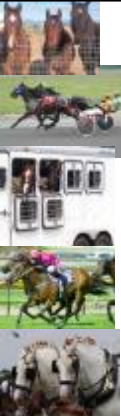


CanEQUID – In 2010

- Ontario Pilot Project Ontario horse racing sector
- Reported 7,170 treatments of horse in their care for ...


Treatment	# Reported	Treatment	# Reported
Vaccinations	74	De-worming	225
Lameness	235	Minor Injury	270
Surgery	28	Illness	348
Disease	12	Preventative/Therapeutic	4708

- Plus an additional 2,772 treatments for "other reasons"
- 200 Treatments DID NOT require administration of medications



CanEQUID – Implementation

- Two major challenges will be movement tracking and horse health reporting
- Issues to address:
 - What movements will be required to be reported
 - What horse health treatments will be required to be reported
 - Will there be a requirement to continue to record/report treatments for "non-food" reasons



CanEQUID – In 2010


- Requirement to have implementation plan/schedule in place by end of 2010
- Development over 2011/2012
- Industry awareness/communications to encourage voluntary participation during 2011/2012
- Expected to be regulated by 2013

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Questions ...

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Equine Canada logo in the top right corner.

Unique Equine Life # ...

Country Code for Canada	Code for Registries 100 to 199	Unique 9-digit code in the Registry
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124 - 111 - 123456789

← Unique 12-digit # →

Unique 12-digit string ensures that numbers for horses will not conflict with #'s for other species in Canada

A vertical strip of five small photographs showing horses in various settings: a horse running, a horse being ridden, a horse being ridden, a horse being ridden, and a horse being ridden.