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## Farmed Cervid License Application

May 2024

Thank you for your interest in joining the North Carolina Farmed Cervid program. All farmed cervid owners are required to have a license with the Department prior to obtaining cervid for their facility. This packet contains information, forms, and instructions on how to complete the application process to obtain your license from the Department. If you have questions about the process or this application, please call our office at 919-707-3250 or email us at [farmedcervid@ncagr.gov](mailto:farmedcervid@ncagr.gov).

To obtain a North Carolina Farmed Cervid License complete and return the following documents:

1) The North Carolina Farmed Cervid Program Application

This is the application to complete to apply for a North Carolina farmed Cervid License. If approved for a license, you must complete an annual renewal application each year that you have cervid enrolled in the Farmed Cervid Program (renewals are sent in October for the following calendar year).

2) Chronic Wasting Disease (CWD) Herd Certification Program Statement of Enrollment

All farms with CWD susceptible cervids (e.g. include white-tail deer, elk, red deer, sika deer, Japanese deer, spotted deer, mule deer, Wapiti, Moose, or a hybrid of these species) will be enrolled in this federal program which is regulated by the state of North Carolina. See the enclosed handout for information of what CWD is and how you can protect your herd. This program provides a higher level of standards and meets the federal CWD Herd Certification Program standards. Exportation of animals out of the State requires a certified herd.

3) The Statement of Understanding - Guide for New Farmed Cervid Licensees

4) The Premises Identification (ID) Registration Application

All cervid producers are required to have their premises registered with the North Carolina Department of Agriculture and Consumer Services. The Premises ID is linked to the property where cervid are kept. It provides information should an animal health emergency occur, such as a disease event. Official identification for each cervid is required, and the official identification numbers are attached to each cervid and then associated with the Premises Identification number. The yellow handout is the Premises ID application.

When completed, return the application to:

N.C. Department of Agriculture & Consumer Services  
Veterinary Division  
Farmed Cervid Program  
1030 Mail Service Center  
Raleigh, NC 27699-1030

Please allow up to fourteen (14) days for processing of all forms, after which our staff will contact you to schedule a site visit.

Once you have obtained your license and have received cervid at your facility, all producers are required to submit their animals for CWD testing upon death. The cervid head (or whole carcass) should be shipped according to approved procedures. Tissue samples may be collected from cervids after death by a licensed and accredited veterinarian, a Certified CWD Collector, or the head and or carcass may be submitted to any of the North Carolina laboratories (see attached map).

Also included in this packet are the following documents for your reference.

- 5) Lab Submission Guidelines
- 6) Statement of Receiving Cervid
- 7) Movement Permit Application
- 8) Example of an Approved Movement Permit
- 9) NC Diagnostic Lab Contact Information
- 10) Chronic Wasting Disease Overview

Thank you again for your interest in the North Carolina Farmed Cervid Program.



Dr. Catherine R. Harris, DVM  
Livestock Unit Director  
North Carolina Department of Agriculture & Consumer Services  
Veterinary Division

# North Carolina Farmed Cervid License Application

## Applicant Information

Name: \_\_\_\_\_ County: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_, NC, Zip \_\_\_\_\_

Primary Phone#: \_\_\_\_\_ Alt Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Species of Cervid planning to acquire: (e.g. whitetail, fallow, ect.) \_\_\_\_\_

Purpose of becoming a cervid producer: (e.g. antler/parts production, cervid sales, meat production, etc.) \_\_\_\_\_

## Farm Information where animals will be located (if different than above)

Farm Name: \_\_\_\_\_ County: \_\_\_\_\_

Address (no PO boxes): \_\_\_\_\_

City: \_\_\_\_\_, NC, Zip \_\_\_\_\_

Primary Phone#: \_\_\_\_\_ Alt Phone #: \_\_\_\_\_

## Farm Manager or Designee

Name: \_\_\_\_\_

Primary Phone#: \_\_\_\_\_ Alt Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

### License Information Notice

Farmed Cervid license information, including the license number, name, contact information, issue and expiration dates, and status of the license, will be listed on the NCDA&CS' website for public access. The purpose of this is to comply with the North Carolina Public Records Law and also facilitate cooperation and commercial operations amongst the industry.

# Herd Certification Program Enrollment

By submitting this application, your herd will be enrolled in and abide by the requirements of the Herd Certification Program (HCP) for susceptible species and or the NC Monitored Herd Program for non-susceptible species. If you have both susceptible and non-susceptible cervids then you will be enrolled in the Herd Certification Program. Refer to 02 NCAC 52L for specific rules and requirements of the program.

## Statement of Understanding *Guide for New Farmed Cervid Licensees*

I, \_\_\_\_\_ have read the *Guide for New Farmed Cervid Licensees* dated August 2022 and understand the requirements to become a farmed cervid license holder.

Date: \_\_\_\_\_

### Accuracy of information submitted:

I hereby attest to the accuracy of the information in this application and request to become a Farmed Cervid License holder within the state of North Carolina. I understand the process may take fourteen (14) days to be completed and I will be contacted by a representative of the Department to finalize the licensing process.

Applicant's Signature: \_\_\_\_\_ Date Signed: \_\_\_\_\_

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### (For Internal Use Only)

Date Office Received: \_\_\_\_\_ Inspection Date Scheduled: \_\_\_\_\_

Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

Date Signed: \_\_\_\_\_



**North Carolina Department of Agriculture  
and Consumer Services  
Veterinary Division**

**North Carolina Premise Registration Form**

A complete application should be emailed to [ncfarmid@ncagr.gov](mailto:ncfarmid@ncagr.gov), faxed to (919)733-2277, or mailed to:  
 NC Department of Agriculture  
 Veterinary Division  
 1030 Mail Service Center  
 Raleigh, NC 27699-1030

If needed, check the following:  Cattle Tags  Swine Tags

**Premises Owner Account Information**

Business/Farm Name:

Business Type:  Individual  Incorporated  Partnership  LLC  LLP  
 Government Entity  Non-Profit Organization

Primary Contact: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Mailing Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_

Email Address:

Secondary Contact (Optional): \_\_\_\_\_ Phone Number: \_\_\_\_\_

**Premises Information: Primary location where livestock reside. If animals are managed on separate locations, apply for multiple premises ID's.**

Premises Type:  Production Unit/Farm/Ranch  Market/Collection Point  Exhibition  Clinic  Laboratory  
 Non-Producer Participant (ie: DHIA, non-animal perm, etc.)  Slaughter Plant  Other: \_\_\_\_\_

Premises Name:

Premises Address (If different from mailing address):

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_

GPS Coordinates at Entrance (If known): Latitude N \_\_\_\_\_ Longitude W \_\_\_\_\_

**Species Information: Check all that apply. Quantities of animals are only reported to the state database. This information is protected by GS 106-24.1. This and all other statutes can be viewed at [www.ncleg.net](http://www.ncleg.net). If you grow poultry or swine on a contract for a corporation, please indicate production system and corporation for which you grow.**

<b>Cattle</b>	<b>Quantity</b>	<b>Equine</b>	<b>Quantity</b>	<b>Goats</b>	<b>Quantity</b>	<b>Sheep</b>	<b>Quantity</b>
<input type="checkbox"/> Beef	_____	<input type="checkbox"/> Horse	_____	<input type="checkbox"/> Meat	_____	<input type="checkbox"/> Meat	_____
<input type="checkbox"/> Dairy	_____	<input type="checkbox"/> Donkey	_____	<input type="checkbox"/> Dairy	_____	<input type="checkbox"/> Dairy	_____
<input type="checkbox"/> Bison	_____	<input type="checkbox"/> Mule	_____	<input type="checkbox"/> Fiber	_____	<input type="checkbox"/> Fiber	_____



# Guide for New Farmed Cervid Licensees

Updated November 2019

The information below is from the USDA Chronic Wasting Disease Program Standards, North Carolina Administrative Code (02 NCAC 52L), and Code of Federal Regulations (9 C.F.R Parts 55, 81, 86). Although the most pertinent information has been compiled in this document, it is vital to take the time to read and become familiar with the all rules and regulations.

## Inspections

(2.7) of Program Standards

Inspections are conducted annually, and physical inventories are conducted at least every 3 years. During physical inspections, all individual animals must be visually inspected, and identification must be clearly read and matched to herd records. Annual herd and premises inspections include record inventories. Herds may not advance in the Herd Certification Program until the annual inspections have been completed, submitted, reconciled, and approved.

## Records

(3.3) of Program Standards

Each owner must maintain a current complete herd inventory which must include, at minimum, the following records for each animal:

1. All identification (tags, tattoos, electronic implants, etc.)
2. Age
3. Sex
5. Date of acquisition and source of each animal (In herd birth, Importation)
6. Date of removal and destination of any animal (Death, Exportation)
7. Birth date
8. Date of death (and cause, if known)
9. Date of CWD sample submission, submitter, owner, premises, and animal information, and official CWD test results from NVSL or approved laboratory

## Fencing

(4) of Program Standards

All fences must be a minimum of 8 feet and maintained such that they prevent ingress or egress of cervids. Fences must be structurally sound, maintained in good repair, and of sufficient construction to contain the animals.

## Reporting Escapes, Disappearances, and Deaths

(2.4) of Program Standards

All escapes, disappearances, and deaths must be reported immediately upon discovery. Ingress of wild cervids must also be immediately reported. Herd owners should work to recapture animals and work with the Department on decisions about appropriate disposition of the animal(s).

## Animal Identification

(3.2) of Program Standards

All animals must be tagged according to 9 CFR 55.25 which mandates two animal identifications for each individual. The Department requires the use of official button and bangle ear tags. Natural additions to herds must be tagged before 12 months of age or before they are moved. All Animals must be tagged prior to movement.

## Sample Collection

(5.6) of Program Standards

Good quality sampling and complete tissue collection of obex and medial retropharyngeal lymph nodes (MRPLN) from dead animals are essential for successful CWD surveillance. It is the licensee's responsibility to ensure good quality tissue samples are collected and submitted. Failure to comply with this provision may result in loss of Herd Certification Program status or other actions. Samples may be collected by a licensed and accredited veterinarian who is CWD sample collection certified. Licensees may remove and submit the entire head for testing with all attached identification to a NCDA&CS laboratory.

If an animal dies on a weekend or holiday or when the lab is closed for any reason, the licensee must make accommodations to protect the head of the animal. It is recommended that the head be chilled (NOT FROZEN) and sent to the nearest approved lab in North Carolina at the next available date. It is also required to notify the department of the death of any cervid.



## Sample Quality: Control and Consequences

(5.9 & 5.10) of Program Standards

Approved State Officials or APHIS employees have the authority to adjust herd status if incomplete or poor-quality samples are repeatedly submitted for testing. Poor quality samples include samples that are severely autolyzed, samples from the wrong portion of the brain, the wrong tissue, or samples that are not testable for other reasons.

Failure to test for CWD of any animal 12 months or older that dies, is slaughtered, escapes (and recaptured), or is lost resulting in missing samples, or submission of incomplete or poor quality samples, may be cause for delayed advancement, loss of or reduction in status, cancellation from the program as determined by APHIS or an approved North Carolina official, or a warning letter, civil penalty, or loss of license.

## Importation

02 NCAC 52B .0213

No farmed cervid can be imported into North Carolina that is susceptible to Chronic Wasting Disease; this includes white-tail deer, elk, red deer, sika deer, Japanese deer, spotted deer, mule deer, Wapiti, Moose, or a hybrid of these species.

For applications requesting importation of allowable cervid, the following requirements must be met.

1. The following statement must appear on the health certificate: "All cervidae on this certificate originate from a Chronic Wasting Disease (CWD) monitored or certified herd in which these animals have been kept for at least one year or were natural additions. There has been no diagnosis, signs, or epidemiological evidence of CWD in this herd or any herd contributing to this herd for the previous five years."
2. Proof of a negative single cervical test for tuberculosis accredited or qualified herd. If the animal is six months of age or older and originates from a herd of unknown status, two negative single cervical tests for tuberculosis will be required with the second being greater than 90 days from the initial test and within 60 days prior to arrival. If the animal is less than six months of age and from a herd of unknown status, one negative single cervical test will be required. The herd of origin and commingled susceptible species must have had no diagnosis of tuberculosis in the 36 months preceding shipment.

## Movement

### (8) of Program Standards

Requirements for movement of live cervids interstate are described in 9 CFR 81.3 and 02 NCAC 52L .0113. The requirements for issuing certificates for movement are in 9 CFR 81.4. Animals must be from Certified Herds, cannot be experiencing any clinical signs of CWD, must be tagged, and must be accompanied with a Certificate of Veterinary Inspection (CVI). The consignor or Licensee should contact the State official in the State of destination to determine if there are any additional requirements.

Requirements for movement of live cervids intrastate are described in 02 NCAC 52L .0113. The process for obtaining a movement permit include submission of a movement permit application, processing of application, and receiving approved application and movement permit. A movement permit application must include the applicant's name, license number, species and sex of each animal, identification of each animal, destination and reason for movement. For more information, please contact us at 919-707-3250 or [farmedcervid@ncagr.gov](mailto:farmedcervid@ncagr.gov).

## Certificate of Veterinary Inspection (CVI)

### (8.2) of Program Standards

A CVI issued for movement must contain the following information:

1. Complete Identification number(s) of each animal in the shipment
2. Total number of animals being moved in the shipment
3. Purpose of animal movement
4. Consignor and herd of origin with complete address
5. Consignee and point of destination with complete address
6. CWD HCP herd program status of the animals in the shipment
7. A statement by the issuing accredited veterinarian or State or Federal veterinarian that the animals have achieved Certified status in the CWD HCP and that the animals were not exhibiting clinical signs associated with CWD at the time of examination.

## Lab Submission Guidelines

It is required to test all cervid that die on your property for CWD in accordance with North Carolina Administrative Code. Please follow these guidelines when submitting a sample to the lab.

1. All animals that are 12 months of age or older must be submitted to a state approved lab (see attached list) for CWD testing, and all deaths must be reported to the Veterinary Division within 24 hours upon discovery of death. If the death is discovered on a weekend, holiday or any other date the lab is closed, care must be taken to preserve the animal to ensure quality tissue(s) can be sampled.
  - a. Animals should not be frozen as this can destroy the tissue needed for sampling. Animals should be chilled and stored until they can be sent to the lab for testing on the next date the lab is open.
  - b. If the whole animal is not being submitted for testing, care must be taken when removing the head to ensure that damage is not done to the brainstem (obex) and lymph nodes that will be tested.
    - i. Remove the head well below the adam's apple (laryngeal cartilage) of the cervid to ensure the testable areas are not impacted. See photo below.
  - c. Tissue samples may be collected from cervids after death if you are a licensed and accredited veterinarian and a Certified CWD Collector.
  - d. Do not remove tags.
2. A lab submission form is required to be completed when submitting the animal to the lab.
  - a. The general lab submission form can be found at:  
<https://www.ncagr.gov/vet/ncvdl/VetLabSubmissionForms.html>
  - b. Copies of the general lab submission form must be sent to the Veterinary Division once filled out so that inventory records can be updated.



## Receiving Cervids

In order to maintain integrity of the program, it is recommended you receive cervids from other farmed cervid producers within North Carolina. This can be accomplished (after your facility has been approved and licensed), by obtaining a movement permit from the Department. See example on next page of a movement permit application and an approved permit

If you are receiving CWD susceptible animals, then you must receive them from a CWD certified herd within North Carolina. Cervids that are susceptible to CWD are prohibited for importation into North Carolina.

You may obtain non-susceptible cervid from another state if all requirements are met.

Prior to receiving any cervid, please contact the department to ensure you are in compliance with all rules and regulations.



*I hereby submit this report in accordance with the requirements of 02 NCAC 52L and certify the information contained herein to be correct to the best of my knowledge. I also understand this is an application and not the actual permit. The permit will be sent upon approval.*

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**Licensee/Designee Signature**

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**Date**

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Return application to: N.C. Department of Agriculture & Consumer Services  
Farmed Cervid Program  
1030 Mail Service Center  
Raleigh, NC 27699-1030

**Department Use Only:**

Approved / Disapproved

Name / Signature \_\_\_\_\_ Date \_\_\_\_\_



# Farmed Cervid Transportation Permit

North Carolina Department of Agriculture & Consumer Services  
Farmed Cervid Program  
1030 Mail Service Center  
Raleigh, NC 27699-1030

**AUTHORITY**

**NC S513**

**STATUTES**

**GS 106-549.97**

**RULES**

**02 NCAC 52L**

Tele: (919) 707-3250  
FAX: (919) 733-2277

**PERMITTEE/LICENSEE**

**John P. Doe**  
**123 Anystreet**  
**Boston, NC 27699**

**Phone: 123-122-1212**

**PERMIT NUMBER**

**15-AA-001**

**EFFECTIVE**  
**11/1/2015**

**EXPIRES**  
**11/30/2015**

**COUNTY**  
**Deere**

**CONDITIONS AND AUTHORIZATIONS:**

In accordance with the above listed rules and statutes, this permit authorizes the above individual for the transportation of the following animal(s) at the address and date(s) indicated:

**Origination:**                   **123 Anystreet**  
   **Boston, NC 27699**

**Destination:**               **Hi Ho Farms**  
   **321 Always Road, Crossbow, NC 27777**

**Transportation of:**

Species	Sex	Birth Year	840#	Bangle / Button Tag No.	Species	Sex	Birth Year	840#	Bangle / Button Tag No.
WT	M	2015	840001003203300	3300					
WT	M	2015	840001003203301	3301					
WT	M	2015	840001003203302	3302					
WT	M	2015	840001003203303	3303					

ISSUED BY:

TITLE:

**Permits Supervisor**

DATE:

**11/10/2015**

# NC Veterinary Diagnostic Laboratory System



Elkin Laboratory  
1689 N. Bridge Street  
Elkin, NC 28621  
Phone: (336)526-2499; Fax: (336)526-2603

Rollins Laboratory ★  
2101 Blue Ridge Road  
Raleigh, NC 27607  
Phone: (919)733-3986; Fax: (919)733-0454

Arden Laboratory  
785 Airport Road  
Fletcher, NC 28732  
Phone: (828)684-8188; Fax: (828)687-3574

Griffin Laboratory  
401 Quarry Road  
Monroe, NC 28112  
Phone: (704)286-6448; Fax: (704)283-9660



# Chronic Wasting Disease (CWD) Overview

*In Fenner's Veterinary Virology (Fifth Edition), 2017*

## Chronic Wasting Disease of Deer and Elk

Chronic wasting disease is a progressive, fatal neurological disease of captive and/or free-ranging mule deer (*Odocoileus hemionus*), mule deer hybrids, black-tailed deer, white-tailed deer (*Odocoileus virginianus*), Rocky Mountain elk (*Cervus canadensis*), and Shira's moose (*Alces alces*) in North America. In 2016 chronic wasting disease was for the first time detected in Europe (Norway) in free-ranging reindeer and moose. Chronic wasting disease was first recognized in captive mule deer in 1980 in Colorado; summaries of harvest survey data pertaining to occurrence of the disease published in 2009 varied from 1–14.3% among mule deer, to 1–2.4% among elk, and to 1% among moose. The prevalence of chronic wasting disease in captive deer can reach 90% in specific herds. The disease has since been recognized in extensive portions of North America, including 19 states of the United States and extending from Utah to New York and two Canadian provinces (Fig. 31.4). In recent years, the disease has also been found in wild animals that seemingly have lived for many generations far from captive deer and elk facilities, although these infections may have originated from illegal importation of infected animals from states with endemic chronic wasting disease.

Chronic wasting disease is characterized by abnormal behavior, teeth grinding, polyuria, and polydipsia, and marked loss of weight. Death usually occurs within a few months of the appearance of clinical signs. Histologic lesions include widespread spongiform change of the brain—ie, neuronal vacuolation—as well as astrocytic hypertrophy and hyperplasia and microgliosis. Chronic wasting disease-infected cervids harbor prion aggregates in many extracerebral organs, including pancreas, adrenal gland, peripheral nerves, muscle, and in lymphoid tissues throughout the body. Lymph nodes, tonsils, and Peyer's patches contain prions within 3 months post-oral exposure, and prions can be detected in the dorsal motor nucleus of the vagus nerve by 6 months.

The precise mechanism of prion spread among deer and elk is unclear, however recent studies confirm that infection can be transmitted to naive deer with the feces, saliva and urine from prion-infected deer. Prions can also be transmitted by blood transfusion, and a study in Muntjac deer (genus *Muntiacus*) showed vertical transmission of prion infection.