

# NDSU VETERINARY DIAGNOSTIC LABORATORY – TOXICOLOGY SUBMISSION FORM Feed and Water

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Date Shipped: _____	Date Received: _____
Collection Date: _____	Veterinarian: _____
Owner/Submitter: _____	Clinic/Company: _____
Address: _____	Address: _____
City: _____ State: _____ Zip: _____	City: _____ State: _____ Zip: _____
Phone: _____	Phone: _____
Email: _____	Email: _____
Report to: <input type="checkbox"/> Clinic/Company <input type="checkbox"/> Owner	<b>Payment:</b> <input type="checkbox"/> Owners – prepay only
<input type="checkbox"/> Add'l Copy to: _____	<input type="checkbox"/> Bill Clinic/Company: include address if different than above: _____
Species: _____ Breed: _____ Age: _____ Sex: _____ Weight: _____	
History: _____	

CASE NO.	
<input type="checkbox"/> FROZEN <input type="checkbox"/> COLD <input type="checkbox"/> ROOM TEMP <input type="checkbox"/> LABELED <input type="checkbox"/> UNLABELED	
<input type="checkbox"/> MAIL <input type="checkbox"/> UPS <input type="checkbox"/> FED EX <input type="checkbox"/> SPEE-DEE <input type="checkbox"/> COURIER <input type="checkbox"/> AFTER HOURS DEPOSIT <input type="checkbox"/> DROP OFF	
<input type="checkbox"/> PAID: \$ _____	
<b>This area for laboratory use only</b>	

### Check Test (or Tests) Requested

<b>Sample ID</b> <small>Attach additional forms if more than 5 samples are submitted</small>	<b>Feed Tests</b>						
	Mycotoxins	Storage Mycotoxins	Ergot Alkaloids	Phytoestrogens	Nitrate Forage	Cyanide	Dicumarol
1							
2							
3							
4							
5							

### Water Tests

Water Screen	Expanded Water	Blue/Green Algae

<b>Mycotoxins by LC/MS/MS</b> - Aflatoxins (B1, B2, G1, G2), Fumonisin (B1, B2, B3), HT-2, T-2, OTA, Zearalenone, Sterigmatocystin, Deoxynivalenol, 3ADON, 15ADON, DAS
<b>Storage Mycotoxins Screen by LC/MS/MS</b> FEED SAMPLES ONLY Alternariol, Alternariol Monomethyl Ether, Tenuazonic Acid, Cyclopiazonic Acid, Mycophenolic Acid, Penicillic Acid, Rugulosin, Roquefortine C, Penitrem A, Citrinin, Satratoxin G & H, Gliotoxin, Roridin E, Verruculogen, Beauvericin, Enniatins (A, A1, B, B1)
<b>Ergot Alkaloids by LC/MS/MS</b> - Ergosine, Ergotamine, Ergocornine, Ergocryptine, Ergocristine, Ergotaminine, Ergocorninine, Ergocryptinine, Ergocristinine DOES NOT TEST FOR ERGOVALINE
<b>Phytoestrogens (Forages/Feed) –</b> Formononetin, Coumestrol, Daidzein, Genistein, Glycitein, Biochanin A
<b>Nitrate - (Forages only)</b>
<b>Cyanide Potential (Forage)</b> - Sorghum, Sundangrass and hybrids <b>DO NOT FREEZE SAMPLE</b>
<b>Dicumarol (Forage)</b> - Lab only accepts Hay (Sweet Vernal grass or Sweet Clover)

<b>Water Screen –</b> Nitrates, Total Dissolved Solids (TDS), Sulfates, pH
<b>Expanded Water Screen –</b> Total Organic Carbon, Ammonia Nitrogen, Potassium Nitrate
<b>Blue Green Algae ID -</b> Microscopic Identification of Cyanobacteria

**Post Office Mail Address: Veterinary Diagnostic Lab, NDSU Dept 7691, PO Box 6050, Fargo, ND 58108-6050**

**UPS/Fed Ex Address: Veterinary Diagnostic Lab, 4035 19<sup>th</sup> Ave N, Fargo, ND 58102**

The NDSU VDL reserves the right to subcontract any work required to complete testing. Any subcontracted work will be indicated as such on the laboratory report. The submitter is responsible for adherence to sample shipping regulations. No human and ONLY fixed non-human primate samples will be accepted. This submission form is a contract between NDSU VDL and the submitter. All fees incurred are the responsibility of the submitter. Specimens including carcasses, tissues and agent isolate from specimens become the property of NDSU VDL. Complete terms and conditions are on our website: [www.vdl.ndsu.edu](http://www.vdl.ndsu.edu)