

# NDSU Veterinary Diagnostic Laboratory - TOXICOLOGY FEED SUBMISSION FORM

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[www.vdl.ndsu.edu](http://www.vdl.ndsu.edu)

Submitter: \_\_\_\_\_ Collection Date: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Owner: \_\_\_\_\_

|        |
|--------|
| Case # |
| Date:  |

Check Individual Test or Tests Requested

| Sample ID | Mycotoxin LC/MS/MS | DON panel GC/MS | Nitrates | Cyanide Potential | Phyto-estrogens | Dicumarol |
|-----------|--------------------|-----------------|----------|-------------------|-----------------|-----------|
| 1         |                    |                 |          |                   |                 |           |
| 2         |                    |                 |          |                   |                 |           |
| 3         |                    |                 |          |                   |                 |           |
| 4         |                    |                 |          |                   |                 |           |
| 5         |                    |                 |          |                   |                 |           |

**Mycotoxins LC/MS/MS:** Aflatoxins (B1,B2,G1,G2), Fumonisin (B1,B2), HT-2, T-2, Ochratoxin A, Sterigmatocystin, Zearalenone and DON  
**DON (Vomitoxin) panel:** DON, 15-Acetyl DON, 3-Acetyl DON, Nivalenol and Zearalenone

**Phytoestrogens (Forages only):** Coumestrol, Daidzein, Genistein, Formonenetin and Biochanin A

**This Section for Lab use only. DO NOT WRITE BELOW THIS LINE.**

| Mycotoxins by LC/MS/MS               | PQL ppb              | #1              | #2              | #3              | #4              | #5              |
|--------------------------------------|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Aflatoxin B1                         | 20                   |                 |                 |                 |                 |                 |
| Aflatoxin B2                         | 20                   |                 |                 |                 |                 |                 |
| Aflatoxin G1                         | 20                   |                 |                 |                 |                 |                 |
| Aflatoxin G2                         | 20                   |                 |                 |                 |                 |                 |
| Fumonisin B1                         | 200                  |                 |                 |                 |                 |                 |
| Fumonisin B2                         | 200                  |                 |                 |                 |                 |                 |
| HT-2 Toxin                           | 200                  |                 |                 |                 |                 |                 |
| T-2 Toxin                            | 20                   |                 |                 |                 |                 |                 |
| Ochratoxin A                         | 20                   |                 |                 |                 |                 |                 |
| Sterigmatocystin                     | 20                   |                 |                 |                 |                 |                 |
| Zearalenone                          | 100                  |                 |                 |                 |                 |                 |
| DON (Vomitoxin)                      | 200                  |                 |                 |                 |                 |                 |
| <b>DON Panel</b>                     | <b>PQL ppm</b>       |                 |                 |                 |                 |                 |
| DON (Vomitoxin)                      | 0.5                  |                 |                 |                 |                 |                 |
| 15-Acetyl DON                        | 0.5                  |                 |                 |                 |                 |                 |
| 3-Acetyl DON                         | 0.5                  |                 |                 |                 |                 |                 |
| Nivalenol                            | 0.5                  |                 |                 |                 |                 |                 |
| Zearalenone                          | 0.5                  |                 |                 |                 |                 |                 |
| <b>Nitrate</b>                       | <b>PQL %KNO</b>      |                 |                 |                 |                 |                 |
| Nitrate                              | 0.25                 |                 |                 |                 |                 |                 |
| <b>Phytoestrogens (Forages only)</b> | <b>PQL ppm</b>       |                 |                 |                 |                 |                 |
| Coumestrol                           | 2                    |                 |                 |                 |                 |                 |
| Daidzein                             | 50                   |                 |                 |                 |                 |                 |
| Genistein                            | 15                   |                 |                 |                 |                 |                 |
| Formonenetin                         | 10                   |                 |                 |                 |                 |                 |
| Biochanin A                          | 14                   |                 |                 |                 |                 |                 |
| <b>Dicumarol</b>                     | <b>PQL ppm</b>       |                 |                 |                 |                 |                 |
| Dicumarol                            | 4                    |                 |                 |                 |                 |                 |
| <b>Cyanide Potential</b>             | <b>PQL ppm DW</b>    |                 |                 |                 |                 |                 |
| Cyanide                              | 200                  |                 |                 |                 |                 |                 |
|                                      | <b>Sample dried?</b> | <b>Yes / No</b> | <b>Yes / No</b> | <b>Yes / No</b> | <b>Yes / No</b> | <b>Yes / No</b> |

Analyst/Date: \_\_\_\_\_ Analyst/Date: \_\_\_\_\_ Analyst/Date: \_\_\_\_\_

**Submission Instructions:** After completing this form enclose a copy with the samples.

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

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