Poultry Disease Planning Tool

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Veterinary and Biomedical Sciences
Partners

→ Minnesota Board of Animal Health
  - Dale Lauer, Shauna Voss, Greg Suskovic, Stacy Schwabenlander

→ Minnesota Poultry Industry
  – Jeff Erickson, Michelle Kromm, Ben Wileman

→ University of Minnesota HPAI Risk Assessment Team
  - Dave Halvorson, Peter Bonney

→ University of Minnesota Veterinary Diagnostic Laboratory

→ West Central
  - Doug Stahman

→ Minnesota Department of Health
  - Joni Scheftel

Thank you!
When disaster strikes the time to prepare has passed.

Already have an account? Log in

Register Now

Be prepared for when an outbreak happens.
Register

Enter the following information to create your account.

Clara
Brandt
Clararosebrandt@gmail.com

By signing up, you agree to our Terms of Use

Create account

Already have an account? Login
Forget your password?
Welcome

When an outbreak happens, you need to protect your livelihood. This tool ensures that you can focus on the things that matter most.

Enter Your Location

Having your information organized ahead of time ensures that when disaster strikes, you'll be as ready as possible.
Locate your farm
List available equipment
Map your property
Organize daily activities

Add a Premises
1. What's your farm's location?

Name *
Little Ranch

Address *
2415 Country Rd 92

City * State * Zip *
Independence Minnesota 55359

911/Fire Address
8745

Find My Location
2. What's your National Premises Identification Number (PIN) for this location?

PIN

NAT12345

What's your Minnesota Premises Identification Number?

MNID

Request or Verify your Farm IDs

Premises IDs are the standardized way to identify farms. The ID number is used to track samples, request permits, and process indemnity claims. Apply for your National premises ID (PIN) and/or MN premises ID before a disease outbreak happens to speed up the response and recovery process.

Which ID do you need? A National premises ID (PIN) is the main number used in an outbreak and is used, for example, to track sample results in a national database. A MN premises ID is required on testing submission forms if the test is being paid for with funds through the MN BAH.

In short, apply for both in advance and you will have the IDs necessary for your farm when and if disease strikes.

Having incorrect IDs will cause delays in a disease response, verify your entered ID’s with the MN BAH.
3. What equipment do you have at your location?
Select all that apply.

- **Plywood**
  How many 4'x8' boards do you have?
  15

- **Skid Steer Loader**

- **Tractor**

- **Bathrooms**

- **Port-a-Johns**
  How many pressure washers do you have on site?
  1

- **Pressure Washers**

- **Farm Hands**
  How many farm hands would you have available to help?
  2

- **Carts or Bins**
Property Map

Add an Item to the Map

A  Barn - Poultry  T5439
B  Barn - Poultry  R4567
C  Feed Bin
D  Residence
E  Point of Entry-Driveway
F  Garbage Dumpster

ADD A BARN - POULTRY

Identifier (barn name)

Barn Dimensions
Barn Width (in feet)  Barn Length (in feet)  Ceiling Height (in feet)

Door Dimensions
Door Width (in inches)  Door Height (in inches)

Barn Type

Ventilation Type  Any equipment stored in barn?
  - Doors
  - Curtains
  - Other  Yes  No

Notes

Cancel  Save
5. Who's the poultry owner for this location?

Enter the poultry owner's information

- [ ] It's you
- [ ] It's someone else

Contact name: Jenny Talsen

Full Address: 4856 Ream Rd, Valley, MN 55485

Email: JennyT@hillshire.com

Phone Number: 345-345-3456

6. What's your processing plant affiliation?

Select one *

- Other

Other *

Big Boy Meats
7. Who is your APTA (Authorized Poultry Testing Agent)?

Name: Ben Johnson

Phone Number: 567-456-3445

Authorized Poultry Testing Agent (APTA) is a person that has taken a certification class through the MN Board of Animal Health.

All HPAI samples must be collected by an APTA to qualify for payment by the USDA, be valid for product movement permits and/or NPIS samples.

If you do not have an APTA and would like to find one in your area or would like information on APTA training please contact the MN Poultry Testing Laboratory via poultry@state.mn.us or (320) 231-5170.

8. Who is your Veterinarian?

Name: James Brown

Phone Number: 567-345-6543

9. Enter the contact information for your daily activities.

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Contact Name</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flock Service</td>
<td>Joy Johnson</td>
<td>567-456-4567</td>
</tr>
</tbody>
</table>

Days of Service:
- [ ] Monday
- [ ] Tuesday
- [X] Wednesday
- [ ] Thursday
- [ ] Friday
- [ ] Saturday
- [X] Sunday

Remove This Service

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Contact Name</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garbage Pickup</td>
<td>Curbside</td>
<td>567-456-3454</td>
</tr>
</tbody>
</table>

Days of Service:
- [X] Monday
- [ ] Tuesday
- [ ] Wednesday
- [ ] Thursday
- [X] Friday
- [ ] Saturday
- [ ] Sunday

Remove This Service

+ Processor + Hatchery + Mail Delivery + Manure Truck + Other
Manage an Outbreak

1. Alert & Self Quarantine
   Learn the essential operations to prevent infection and keep it from leaving if birds do become infected

2. Testing
   Access submission forms, laboratory information and sampling instructions

3. Appraisal & Indemnity
   Learn about what information will need to be provided and forms to be completed

4. Depopulation
   Learn about available depopulation methods and preparation actions

5. Disposal
   Learn about different disposal methods, preparation actions and what supplies and materials will be needed

6. Virus Elimination
   Learn the essential steps of cleaning, disinfecting and restocking
**Alert**

**Goal:** Prevent virus getting onto your farm

**Method:** Increase biosecurity on ALL incoming materials (personal, vehicles and services).

*The items below should be initiated when another farm in the vicinity is self-quarantined or has a confirmed diagnosis.*

- Postpone rendering pick up and dispose of or hold all carcasses on farm until suspicion is removed.
- Postpone garbage pick up and hold refuse on premises until suspicion is removed. When other farms in your area have sick birds it is important to stop the possibility of infection through indirect contact. This indirect contact may occur at rendering plants and landfills because of communal drop off.
- **Stop unnecessary traffic**
  - Close gate(s) or place deterrent with sign saying to stop and call #.
  - Unnecessary traffic includes all traffic and personal that are not essential for bird care- i.e. Feeding, watering.
- **Worker education**
  - Retrain/review set biosecurity protocols
  - Determine if any workers own or have contact with other poultry or/ and suspect farms. Address necessary steps to eliminate this contact or evaluate how to protect your flock from these potential contamination sources
- **Conduct routine surveillance**
  - Turkeys: pre-movement
  - Layers: weekly mortality and pre-movement

**Self Quarantine**

**Goal:** Prevent virus from leaving your farm

**Method:** Increase biosecurity on all outgoing materials (birds, bird products, personal, vehicles and...
LITTLE RANCH

Daily Activities Contact List:

**Flock Service**
Contact Name: Joy Johnson  
Phone Number: 567-456-4567  
Day(s) of week: **Wednesday Sunday**

**Garbage Pickup**
Contact Name: Curbside  
Phone Number: 567-456-3454  
Day(s) of week: **Tuesday Friday**

**Feed Company**
Contact Name: Fleet Seed  
Phone Number: 567-455-4556  
Day(s) of week: **Tuesday**

**Rendering Service**
Contact Name: Fat to Fab.  
Phone Number: 847-345-2345  
Day(s) of week: **Thursday Saturday**

**Laundry**
Contact Name: Cotten Clean  
Phone Number: 394-345-2345  
Day(s) of week: **Tuesday Wednesday Thursday**

Authorized Poultry Testing Agent (APTA):

**Ben Johnson**  
567-456-3445

**Veterinarian:**

**James Brown**  
567-345-6543

**Litter/Bedding Delivery**
Contact Name: Chips R Us  
Phone Number: 456-434-7854  
Day(s) of week: **Wednesday Thursday Friday**

**Mail Delivery**
Contact Name: US Mail  
Phone Number: 567-653-9087  
Day(s) of week: **Monday Tuesday Wednesday Thursday Friday**

**Feed**
Contact Name: Bob Johnson  
Phone Number: 325-365-8954  
Day(s) of week: **Tuesday**

**Hatchery**
Contact Name: Tim Cane  
Phone Number: 566-786-6543  
Day(s) of week:
Appraisal & Indemnity

First Contact Form

Information you entered about your premises has been captured in a First Contact Questionnaire form. In addition to gathering the documents and information listed below print your First Contact Form to have it ready for the appraiser for when they arrive onsite.

Information to Have Ready

- Mortality charts from each barn from the last 2 weeks
- Weekly reports for the life of each flock on the farm (from hatch to present)
- Bird information
  - Species of bird(s)
  - Gender
  - Use (i.e. commercial, breeder)
  - Hatch date(s)
  - Age(s)
  - Molt date(s) (if applicable)
  - Details about specialty breeds and/or color of fancy breeds (if applicable)
- Complete inventory of eggs on premises (if applicable)
- Confirmation of mortgage status
- Receipts for last feed and litter deliveries
- DUNS and SAM information

Receiving Payment

To receive payment you must register for a DUNS number through Dun & Bradstreet and register it through the federal government's System for Award Management (SAM). A DUNS number is the standard business identifier for federal electronic commerce. Getting your DUNS number and registering it through SAM before an outbreak will help you get your indemnity payment more quickly, as it can take up to 10 days to become activate.

Forms and Documents

- Appraisal and Indemnity Request Form
  The first form that you will be asked to sign. It needs to be signed by both you and your poultry company for depopulation to be initiated
- The Contract Grower Worksheet
  This form defines how indemnity payments will be divided between contract growers and affiliated poultry company.
- Flock Plan
  Will be created between depopulation and disposal with the assistance of your case manager. It documents a producer’s intent to eliminate HPAI from their Premises and Maintain strong biosecurity measures to prevent transmission or future introduction of the disease.
- VS 1-23
  This form documents materials directly related to poultry production that cannot be cleaned and disinfected (e.g. feed or clean litter).
- VS 1-24
  Documents materials that are sold for salvage. You will need to provide receipts or documents to substantiate fair market value for salvaged
- Financial Plan
  Details the costs associated with the depopulation and disposal activities that are described in the flock plan.
First Contact Questionnaire
For HPAI Premises in Minnesota

County and Case # __________________________ PIN or EMRS # NAT12345

Premises Owner: Clara Brandt
Address: 2415 Country Rd 92, Independence, MN 55359
Contact Person: Clara Brandt Phone Number: 612-669-5651
Email: clararosebrandt@gmail.com

Poultry Owner: Jenny Talsen
Address: 4856 Ream Rd, Vallier, MN 55485
Contact Person: Jenny Talsen Phone Number: 345-345-3456
Email: JennyT@hillshire.com

Appraisal Information

MNVDL Test Appraisal
Result Date: __________________________ Completion Date: __________________________
Appraiser: __________________________

Electronic Funds Transfer Form Completion Date: __________________________

DUNS Number? YES or NO
### Barn and Bedding Information

How many loads of litter per barn do you start a barn with? ______________________

What is the storage type? ______________________

Clean shavings on farm?  **YES** or **NO**

Amount of clean shavings on farm: ______________________

National PIN:  **NAT12345**

<table>
<thead>
<tr>
<th>Barn Name</th>
<th>Length x Width (feet)</th>
<th>Litter Depth (inches)</th>
<th>Type of Litter</th>
<th>How Many Loads in Barn</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5439</td>
<td>80 x 50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R4567</td>
<td>120 x 30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DJF56</td>
<td>23 x 34</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T3456</td>
<td>14 x 30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Depopulation & Disposal Plan
A  
Barn - Poultry  
T5439  
Barn dimensions:  50' x 80'  
Ceiling height:  14'  
Door dimensions:  72" x 80"  
Barn type:  Pole Supported House  
Ventilation:  doors  
Stored equipment:  No  

B  
Barn - Poultry  
R4567  
Barn dimensions:  30' x 120'  
Ceiling height:  15'  
Door dimensions:  72" x 80"  
Barn type:  Pole Supported House  
Ventilation:  doors
Disposal

Disposal Calculation Tool

Figure out what you'll need by using our Disposal Calculation Tool.

Composting

This method contains the virus on the farm and produces a soil amendment/fertilizer product.

⇒ In-House

In order to be suitable for in-house composting, the facility should have the following characteristics:

- Have sufficient space to maneuver composting equipment and construct windrows 7 feet high and 12 feet wide (facilities with columns, such as double-decker houses, restrict such formations)
- Be located in an area that is accessible by the composting equipment. This facilitates the delivery of carbon source and compost removal
- Have access doors that can be secured against vandals, scavengers, or disease vectors

⇒ Outdoor

If indoor composting is not possible, outdoor composting is the next best choice. Please contact the MN Board of Animal Health (612-201-6824) to get an outdoor compost site approved.
- At least 300 feet from water wells, surface water bodies (lakes, streams, rivers, etc.), sinkholes, seasonal seeps, or other landscape features that indicate the area is hydrologically sensitive
- At least 200 feet from any public road or right of way
- Located away from neighbors and/or out of sight
- Located downwind from neighbors and/or houses
- Located away from environmentally-sensitive areas
- Located close to the poultry facility or have clear access for transport
Disposal Calculator

Estimate what you’ll need to compost, bury, or ship

The intent of these calculations is to give you an estimate on the space needed for composting, the size of a burial pit, or the number of dumpsters for landfill that will be needed to dispose of poultry carcasses.

**Composting**

You will need **574 feet** in length for a compost windrows 8’ high and 15’ wide.

You will need **188 tons** of carbon material.

**Burial**

You will need **208 feet** in length for a burial pit 10’ wide and 8’ total depth. (4’ of bird carcasses and 4’ of soil cover.)

**Dumpster**

Each dumpster can carry 20 cubic yards of carcasses (about 640 birds). You will need **16 dumpsters**.
Conclusions

• Premises need a specific emergency plan but they are difficult to en masse because there is both site-specific information needed and complex policy documents to interpret.
• Easy interface guides the producer or tech service person through the process
• This same platform could be used for similar processes like guiding a biosecurity coordinator through the steps of creating a site-specific biosecurity plan.
Thank You to US Poultry & Egg Association for the funds to develop this site

When disaster strikes the time to prepare has passed.

Is your farm ready?