

# AI Toolkit Overview



## Prevention, Preparedness, and Mitigation Information for Highly Pathogenic Avian Influenza in Iowa

The full toolkit with additional resources can be found at [iowapoultry.com](http://iowapoultry.com) under the Biosecurity tab

### Prevention

**Biosecurity is your best line of defense against foreign animal disease. In the presence of a foreign animal disease threat, biosecurity practices should be heightened.**

**Actions:** Premises should be secured. All vehicle and foot traffic from visitors should be kept to a minimum and logged. Vehicles entering the premises should be cleaned and disinfected. All contractors, personnel, guests, and outside visitors should be aware of necessary downtimes and biosecurity procedures

### Detection/Preparedness

**Being vigilant of clinical signs in and around your flock will help you to quickly catch and report any foreign animal disease.**

#### Common Warning Signs

- Sudden increase in bird deaths without any clinical signs
- Lack of energy and appetite
- Decrease in egg production
- Soft- or thin-shelled or misshapen eggs
- Swelling of the head, eyelids, comb, wattles, and hocks
- Purple discoloration of the wattles, combs, and legs
- Gasping for air
- Coughing, sneezing, and/or nasal discharge
- Stumbling or falling down
- Diarrhea

**Actions:** Prepare potentially necessary documentation such as visitor logs, vehicle movement logs, traffic pattern maps, bird movement logs, etc. Ensure they are accurate and up-to-date. An electronic version may be helpful to quickly communicate information to USDA and IDALS.

Have sampling supplies on hand. If you are comfortable taking samples, collecting your own may expedite the diagnostic process at the direction of the state veterinarian and/or AVIC. These supplies can also be used for routine monitoring. If you are not comfortable, or have never sampled your birds, IDALS will respond with testers.

- Sterile polyester tipped swabs with plastic handles
- 5mL BHI broth tubes
- Gloves
- Insulated shipping containers
- Plastic quart size Ziploc
- Spray disinfectant
- Ice packs

### Mitigation

**In the event you suspect HPAI you must contact the state veterinarian or USDA before taking any further actions.**

#### Actions:

During Office Hours (8am-4pm)  
IDALS Reporting Line: 515-281-5305

After Hours

Dr. Jeff Kaisand: 515-240-6632

USDA Reporting Line: 515-284-4140

Dr. Kevin Petersburg: 515-669-6043