

# HPAI Monitoring Depopulation Report

**(Prem Name) / Prem ID:**

Goal: 100% mortality of birds in as short a time as possible with no injuries to responders

Table 1: Selected Methods of Depopulation

Preferred methods of depopulation <sup>1</sup>		
Method	Type of poultry	Standard
Whole house gassing	Caged and floor-reared	CO <sub>2</sub> >40% and O <sub>2</sub> <10% within the house for 10 minutes
Container gassing	Caged and backyard	Cessation of movement within 2 minutes at 50% CO <sub>2</sub>
Water-based foaming	Floor-reared	Cessation of movement within 10 minutes
Cervical dislocation +/- mechanically assisted	Floor-reared and backyard	One application
Captive bolt gun	Floor-reared	One application
Permitted methods under constrained circumstances <sup>1</sup>		
Method	Type of poultry	Standard
Ventilation shutdown plus heat	Caged and floor-reared	Minimum temperature of 104°F to 110°F within 30 minutes, for a minimum of three hours
Not recommended <sup>1</sup>		
Method	Type of poultry	Standard
Ventilation shutdown only	Any	None

Official veterinarians and their delegates in overseeing depopulation should:

- Balance animal welfare concerns with rapid and aggressive response to the animal health emergency.
- Consider the immediate risk of the depopulation activities to the health and safety of responders.
- Verify that the Incident Commander's intent for selected depopulation method(s) is carried out.
- Stop activities that endanger responders, fail to meet standards for achieving depopulation goals, or are resulting in unacceptable stress to the birds. If the observer is unable to stop the activity, immediately notify the chain of command about the problem.
- Ensure a secondary method of depopulation is available and applied if the primary method fails to achieve depopulation goal.

Collect contact numbers prior to arrival at site:

Contact	Name	Phone Number
Incident Commander	Robin Pruisner	Click or tap here to enter text.
National Incident Commander	Koren Custer	Click or tap here to enter text.
Safety Officer	Click or tap here to enter text.	Click or tap here to enter text.
Site Point of Contact	Click or tap here to enter text.	Click or tap here to enter text.
Total number of houses/barns on site:	<input type="text"/>	

# HPAI Monitoring Depopulation Report

(Prem Name) / Prem ID:

*Prepare a separate report for each house*

<b>House Name/Number</b>	[REDACTED]
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<b>Set up and Preparation Activities (Examples: penning, sealing building, setting up containers):</b>		
Description: Barn Fans sealed with plastic. All fans manually shut off. Supplemental heat placed in each end of the barn. Lights left on.		
Date: 3/18/2022	Start time: 11:30 am	Finish time: 3:00 pm

<b>Weather Considerations (Examples: temp, wind, rain, ice, snow):</b>	
Description: Outside temperature was approximately 30 to 35 degrees Fahrenheit.	

<b>Primary Depopulation Method:</b> Choose an item.			
Comments: Ventilation shut down with heat.			
Start time:	11:30 am	Approximate time at 50% mortality:	Click or tap here to enter text.
Time at 100% mortality or cessation of primary method:	No activity could be observed at 1:30. Barn was opened at 3.		
Was standard achieved?	Yes		

<b>Secondary Depopulation Method:</b> Choose an item.	
Comments: Cervical dislocation	
Was secondary method required?	Yes
Number of birds requiring secondary method:	Few
Finish time (100% mortality):	6 pm
Was standard achieved?	Yes

**Notes:**

Appropriate steps were taken by management and all farm staff to ensure that human safety was a priority and that all steps were taken to ensure effectiveness of the process.
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Name/Title of personnel completing this form: Jeff Kaisand State Veterinarian

# HPAI Monitoring Depopulation Report

Layer Site /

Goal: 100% mortality of birds in as short a time as possible with no injuries to responders

Table 1: Selected Methods of Depopulation

Preferred methods of depopulation <sup>1</sup>		
Method	Type of poultry	Standard
Whole house gassing	Caged and floor-reared	CO <sub>2</sub> >40% and O <sub>2</sub> <10% within the house for 10 minutes
Container gassing	Caged and backyard	Cessation of movement within 2 minutes at 50% CO <sub>2</sub>
Water-based foaming	Floor-reared	Cessation of movement within 10 minutes
Cervical dislocation +/- mechanically assisted	Floor-reared and backyard	One application
Captive bolt gun	Floor-reared	One application
Permitted methods under constrained circumstances <sup>1</sup>		
Method	Type of poultry	Standard
Ventilation shutdown plus heat	Caged and floor-reared	Minimum temperature of 104°F to 110°F within 30 minutes, for a minimum of three hours
Not recommended <sup>1</sup>		
Method	Type of poultry	Standard
Ventilation shutdown only	Any	None

Official veterinarians and their delegates in overseeing depopulation should:

- Balance animal welfare concerns with rapid and aggressive response to the animal health emergency.
- Consider the immediate risk of the depopulation activities to the health and safety of responders.
- Verify that the Incident Commander's intent for selected depopulation method(s) is carried out.
- Stop activities that endanger responders, fail to meet standards for achieving depopulation goals, or are resulting in unacceptable stress to the birds. If the observer is unable to stop the activity, immediately notify the chain of command about the problem.
- Ensure a secondary method of depopulation is available and applied if the primary method fails to achieve depopulation goal.

Collect contact numbers prior to arrival at site:

Contact	Name	Phone Number
Incident Commander	Robin Pruisner	Click or tap here to enter text.
National Incident Commander	Koren Custer	Click or tap here to enter text.
Safety Officer	Click or tap here to enter text.	Click or tap here to enter text.
Site Point of Contact	Click or tap here to enter text.	Click or tap here to enter text.
Total number of houses/barns on site:		

# HPAI Monitoring Depopulation Report

Layer Site / Prem ID:

*Prepare a separate report for each house*

<b>House Name/Number</b>	
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<b>Set up and Preparation Activities (Examples: penning, sealing building, setting up containers):</b>		
Description: Barn fans sealed with plastic by overnight staff. At 0615, all fans manually shut off. Supplemental heat was not used since the heating units undergo automatic shut-off when ambient temperature rises above 100 degree F. Lights left on.		
Date: 3/19/2022	Start time: 6:15 am	Finish time: 11:00 am

<b>Weather Considerations (Examples: temp, wind, rain, ice, snow):</b>		
Description: Outside temperature was approximately 30 degrees Fahrenheit.		

<b>Primary Depopulation Method: Ventilation Shutdown + heat</b>			
Comments: Target temperature of at least 104 degrees F was not achieved within 30 minutes; rather, it took 45 minutes for average temperature to reach 104.			
Start time:	6:15 am	Approximate time at 50% mortality:	Click or tap here to enter text.
Time at 100% mortality or cessation of primary method:	11:00 am		
Was standard achieved?	No		

<b>Secondary Depopulation Method: Container Gassing</b>	
Comments:	
Was secondary method required?	Yes
Number of birds requiring secondary method:	Approx. 3,000
Finish time (100% mortality):	TBD
Was standard achieved?	Yes

**Notes:**

Barn had difficulty maintaining uniform heat throughout, with higher temps recorded at the top. By 11 am, >98% of birds had been depopulated, leaving approximately 3,000 live birds in the lower cages. The switch was made to utilize container gassing for the remaining birds. Efforts will persist through the night until barn is fully depopulated.
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Name/Title of personnel completing this form: Julie Aebi, VMO

# HPAI Monitoring Depopulation Report

Layer Site /

Goal: 100% mortality of birds in as short a time as possible with no injuries to responders

Table 1: Selected Methods of Depopulation

Preferred methods of depopulation <sup>1</sup>		
Method	Type of poultry	Standard
Whole house gassing	Caged and floor-reared	CO <sub>2</sub> >40% and O <sub>2</sub> <10% within the house for 10 minutes
Container gassing	Caged and backyard	Cessation of movement within 2 minutes at 50% CO <sub>2</sub>
Water-based foaming	Floor-reared	Cessation of movement within 10 minutes
Cervical dislocation +/- mechanically assisted	Floor-reared and backyard	One application
Captive bolt gun	Floor-reared	One application
Permitted methods under constrained circumstances <sup>1</sup>		
Method	Type of poultry	Standard
Ventilation shutdown plus heat	Caged and floor-reared	Minimum temperature of 104°F to 110°F within 30 minutes, for a minimum of three hours
Not recommended <sup>1</sup>		
Method	Type of poultry	Standard
Ventilation shutdown only	Any	None

Official veterinarians and their delegates in overseeing depopulation should:

- Balance animal welfare concerns with rapid and aggressive response to the animal health emergency.
- Consider the immediate risk of the depopulation activities to the health and safety of responders.
- Verify that the Incident Commander's intent for selected depopulation method(s) is carried out.
- Stop activities that endanger responders, fail to meet standards for achieving depopulation goals, or are resulting in unacceptable stress to the birds. If the observer is unable to stop the activity, immediately notify the chain of command about the problem.
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Contact	Name	Phone Number
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National Incident Commander	Koren Custer	Click or tap here to enter text.
Safety Officer	Click or tap here to enter text.	Click or tap here to enter text.
Site Point of Contact	Click or tap here to enter text.	Click or tap here to enter text.
Total number of houses/barns on site: <input type="text"/>		

# HPAI Monitoring Depopulation Report

Layer Site / Prem ID: [REDACTED]

*Prepare a separate report for each house*

<b>House Name/Number</b>	[REDACTED]
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<b>Set up and Preparation Activities (Examples: penning, sealing building, setting up containers):</b>		
Description: Barn fans sealed with plastic by overnight staff. At 11:30 am, all fans manually shut off. Supplemental heat was not used as heating units undergo automatic shut-off when ambient temperature rises above 100 degrees F. Lights left on.		
Date: 3/19/2022	Start time: 11:30 am	Finish time: 2:30 pm

<b>Weather Considerations (Examples: temp, wind, rain, ice, snow):</b>	
Description: Outside temperature was approximately 45 degrees Fahrenheit.	

<b>Primary Depopulation Method: Ventilation Shutdown + heat</b>			
Comments: Click or tap here to enter text.			
Start time:	11:30 am	Approximate time at 50% mortality:	Click or tap here to enter text.
Time at 100% mortality or cessation of primary method:	1:00 pm		
Was standard achieved?	Yes		

<b>Secondary Depopulation Method: Cervical Dislocation +/- mechanically assisted</b>	
Comments: Temperature of 104 degrees F achieved within 35 minutes of start time and an average of 106-107 degrees F was maintained for the duration.	
Was secondary method required?	Yes
Number of birds requiring secondary method:	Approx. 100
Finish time (100% mortality):	TBD
Was standard achieved?	Yes

Notes:

Click or tap here to enter text.

Name/Title of personnel completing this form: Julie Aebi, VMO

# HPAI Monitoring Depopulation Report

Layer Site / Prem ID

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Water-based foaming	Floor-reared	Cessation of movement within 10 minutes
Cervical dislocation +/- mechanically assisted	Floor-reared and backyard	One application
Captive bolt gun	Floor-reared	One application
Permitted methods under constrained circumstances <sup>1</sup>		
Method	Type of poultry	Standard
Ventilation shutdown plus heat	Caged and floor-reared	Minimum temperature of 104°F to 110°F within 30 minutes, for a minimum of three hours
Not recommended <sup>1</sup>		
Method	Type of poultry	Standard
Ventilation shutdown only	Any	None

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Site Point of Contact	Click or tap here to enter text.	Click or tap here to enter text.
Total number of houses/barns on site: <input type="text"/>		

# HPAI Monitoring Depopulation Report

Layer Site / Prem ID: [REDACTED]

*Prepare a separate report for each house*

<b>House Name/Number</b>	[REDACTED]
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<b>Set up and Preparation Activities (Examples: penning, sealing building, setting up containers):</b>		
Description: Barn fans sealed with plastic by overnight staff. At 0810, all fans manually shut off. Supplemental heat was not used as heating units undergo automatic shut-off when ambient temperature rises above 100 degrees F. Lights left on.		
Date: 3/19/2022	Start time: 8:10 am	Finish time: 12:00 am

<b>Weather Considerations (Examples: temp, wind, rain, ice, snow):</b>	
Description: Outside temperature was approximately 30 degrees Fahrenheit.	

<b>Primary Depopulation Method: Ventilation Shutdown + heat</b>			
Comments: Target temperature of at least 104 degrees F was not achieved within 30 minutes; rather, it took 45 minutes for average temperature to reach 104.			
Start time:	8:10 am	Approximate time at 50% mortality:	Click or tap here to enter text.
Time at 100% mortality or cessation of primary method:	12:00 pm		
Was standard achieved?	No		

<b>Secondary Depopulation Method: Container Gassing</b>	
Comments: Click or tap here to enter text.	
Was secondary method required?	Yes
Number of birds requiring secondary method:	Approx. 3,000
Finish time (100% mortality):	TBD
Was standard achieved?	Yes

**Notes:**

Barn had difficulty maintaining uniform heat throughout, with higher temps recorded at the top. By 11 am, >98% of birds had been depopulated, leaving approximately 3,000 live birds in the lower cages. The switch was made to utilize container gassing for the remaining birds. Efforts will persist through the night until barn is fully depopulated.
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Name/Title of personnel completing this form: Julie Aebi, VMO