

Farmed Cervidae Program Surveillance Standards

Herd status impact for test eligible animals not tested for Chronic Wasting Disease (CWD) surveillance

(08/19/2020)

This outline describes the penalties to a herd's CWD Status level in response to missed or poor-quality tissue samples from adult animals (animals 12 months of age and older) in the herd that die or are harvested resulting in no determination of their CWD status. These penalties would be applied only if no substitute animals from the herd are used to meet CWD surveillance requirements as outlined in Minnesota Rule 1721.0420, Subp.1D.

Herd status will be reviewed annually when the herd inventory is reconciled by Farmed Cervidae Program staff. For all herd sizes, the statuses are impacted as outlined below:

- a. The status is not impacted when one or more animals are not successfully tested for CWD in a 12-month time period and the animal(s) not successfully tested are $\leq 5\%$ of the total animals that died or were harvested in that time period (ex. 1 animal missed in 20 or more animals that died or were harvested).
- b. The status is impacted as outlined when one animal is not successfully tested for CWD in a 12-month period and one animal is $>5\%$ but $\leq 25\%$ of the total number of animals that died or were harvested in that time period (ex. 1 animal missed in 4 -19 animals that died or were harvested).
 - i. Level 6 status lowered one level for 6 months
 - ii. Level 5 status or lower then lowered two levels for 6 months
- c. The status is impacted as outlined when one animal is not successfully tested for CWD in a 12-month period and one animal is $>25\%$ but $\leq 50\%$ of the total number of animals that died or were harvested in that time period (ex. 1 animal missed in 2-3 animals that died or were harvested).
 - i. Level 6 status lowered one level for 12 months
 - ii. Level 5 status or lower then lowered two levels for 12 months
- d. The status is impacted as outlined when only one animal tested for CWD in a 12-month period is not successfully tested/missed.

- i. The status is lowered to Level 1 and testing is needed as outlined in Minnesota Rules to regain the status level
- e. The status is impacted as outlined in c. above when more than one animal is not successfully tested for CWD in a 12-month period and are >5% but ≤25% of the total number of animals that died or were harvested in that time period (ex. 2 animals missed in 8 - 39 animals that died or were harvested).
- f. The status is impacted as outlined in d. above when more than one animal is not successfully tested for CWD in a 12-month period and they are >25% of the total number of animals that died or were harvested in that time period (ex. 2 animals missed in 7 or fewer animals that died or were harvested).

If no substitute testing is done to restore the status of a herd in one 12-month period, then in the next 12-month period, herds with animals that are not successfully tested for CWD will be impacted as follows.

- a. The status is not impacted when one or more animals are not successfully tested for CWD in a subsequent 12-month time period and the number of not successfully tested are ≤5% of the total animals that died or were harvested in that time period (ex. 1 animal missed of 20 or more animals that died or were harvested).
- b. The status is impacted when one or more animals are not successfully tested for CWD in a subsequent 12-month time period that are >5% but ≤25% of the total number of animals that died or were harvested in that subsequent time period. (ex. 1 animal missed of 4-19 animals that died or were harvested).
 - i. Level 6 status herd is lowered one level for 12 months
 - ii. Level 5 status or lower herd is lowered two levels for 12 months
- c. The status is impacted when one or more animals are not successfully tested for CWD in a subsequent 12-month time period that are >25% of the total number of animals that died or were harvested in that subsequent time period. (ex. 1 animal missed of 3 animals that died or were harvested; 2 animals missed of 7 or fewer animals that died or were harvested). The status is lowered to Level 1 and testing is needed as outlined in Minnesota Rules to regain the status level.

Examples:

1. Two animals tested in any size Level 6 status herd. One animal not successfully tested/missed.
 - Herd Status lowered to Level 5 for 12 months
2. Two animals tested in any size Level 5 status herd. One animal not successfully tested/missed.
 - Herd Status lowered to Level 3 for 12 months

3. Five animals tested in any size Level 6 status herd. One animal not successfully tested/missed.
 - Herd Status lowered to a Level 5 for 6 months
4. Five animals tested in any size Level 6 status herd. Two animals not successfully tested/missed.
 - Herd Status lowered to Level 1 and substitute testing needed
5. Ten animals tested in any size Level 6 status herd. One animal not successfully tested/missed.
 - Herd size is 10 animals – NA – all animals gone
 - Herd size >10 animals – Status lowered to Level 5 for 6 months
6. Five animals tested in any size Level 6 status herd; one animal not successfully tested / missed the first year. Five animals tested the second year with one animal not successfully tested / missed.
 - Herd status lowered to Level 5 for 6 months and then returns to a Level 6 until the second-year surveillance evaluated
 - Herd Status lowered to a Level 5 for 12 months with the second-year surveillance.

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