



SURFACE DECONTAMINATION

FOR CHRONIC WASTING DISEASE



Chronic wasting disease prions can be found in CWD-positive meat and will readily stick to other surfaces, especially steel.

MNPRO researchers have studied various disinfecting agents to determine their effectiveness for removing chronic wasting disease prions from surfaces like stainless steel knives and plastic cutting boards.

Porous materials, like knives with wooden handles and wooden cutting boards, are not recommended for processing venison because they cannot be decontaminated.

Sponges should be thrown away after each use.







Dish soap and Briotech are **NOT effective** for removing CWD prions from hard surfaces.





Virkon S
2% solution

Effective and recommended for removing CWD prions from hard surfaces.

Prepare disinfectant solution (it can be used multiple times, but it should be prepared fresh daily).

Remove large matter from surfaces.

Use a 5-minute soak.

Thoroughly rinse and dry.





Bleach
10% or 40% solution

Effective and recommended for removing CWD prions from hard surfaces.

Prepare disinfectant solution (it can be used multiple times, but it should be prepared fresh daily).

Remove large matter from surfaces.

Use a 5-minute soak. Avoid soaking steel in bleach for more extended lengths of time.

Thoroughly rinse and dry.



The Minnesota Center for Prion Research & Outreach

For more information about this study or about chronic wasting disease, please contact us at mnpro@umn.edu.

