

Exclusion fencing

9/12/2025

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Outline

- Animal Units per fencing length – Decisional
- Average buffer width – Recommendation (WTWG)

A timeline

May 2025

- Initial review request for processing of several animal BMPs

July 2025

(outside of original meeting)

- Animal Waste Management Systems
- Mortality Disposal

June 2025

- Continued discussion and fleshing out of request

August 2025

- Riparian fencing
- Analyze AU excluded
- Collect width data



May 2025 - Animal BMP Excess

Request a Review of Current Process in Model versus BMP Reporting:

- Animal Waste Management Systems
- Animal Mortality Disposal
- Riparian Fence – Reduction of Direct Deposition

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Preliminary Feedback

Green boxes = AMT decisions
Purple boxes = AMT recommendation

Question	Change required?	Suggested change	Investigatory method
Do we need to revisit the default exclusion fencing conversion? (1000ft of fencing = 17.6 Animal Units)	Maybe	That default AU conversion was based on a Virginia pasture study. Perhaps other data exists.	Compare AU in each county vs pasture linear feet that are eligible to be buffers.
Should the default be wider? (10-foot width for narrow buffers and 35 for full buffers)	Likely, yes	Don't only see much wider buffers (wider than 35'), but sometimes see practices stacked beyond that buffer.	Compile state reported buffer width to calculate new averages.

17.6 Animal Units

- Goal:
 - See if 17.6 AU excluded per 1000 linear ft is supported by CAST data
- Information used:
 - 2013-2014 data products
 - Acres of pasture that are eligible to be buffered
 - Animal Units
- Serve as a comparison to the VA study data

Buffer eligible acres and Animal Units

State	AU per 1000 feet of fence
Delaware	30.9
Maryland	9.4
New York	11.1
Pennsylvania	12.5
Virginia	10.4
West Virginia	5.0

Questions?

Consensus Continuum



Decisional item:



- We should alter the default conversion of Animal Units excluded per 1000 linear feet of fencing to reflect the following values for each jurisdiction:

State	AU excluded per 1000 feet of fence
Delaware	30.9
Maryland	9.4
New York	11.1
Pennsylvania	12.5
Virginia	10.4
West Virginia	5.0

Buffer widths

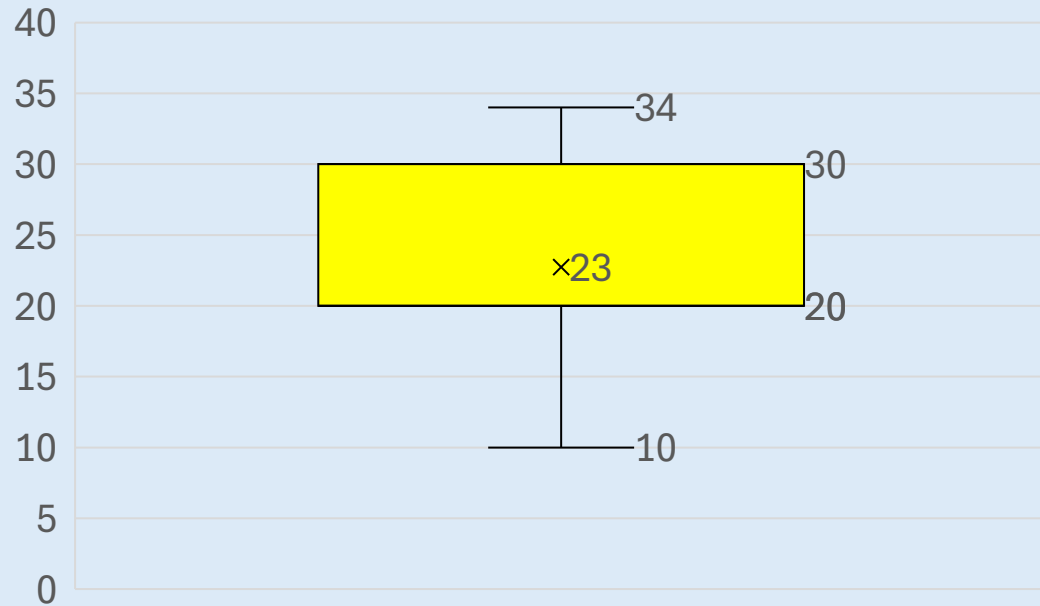
Should the defaults be wider?

- Narrow = 10 feet
- Regular = 35 feet

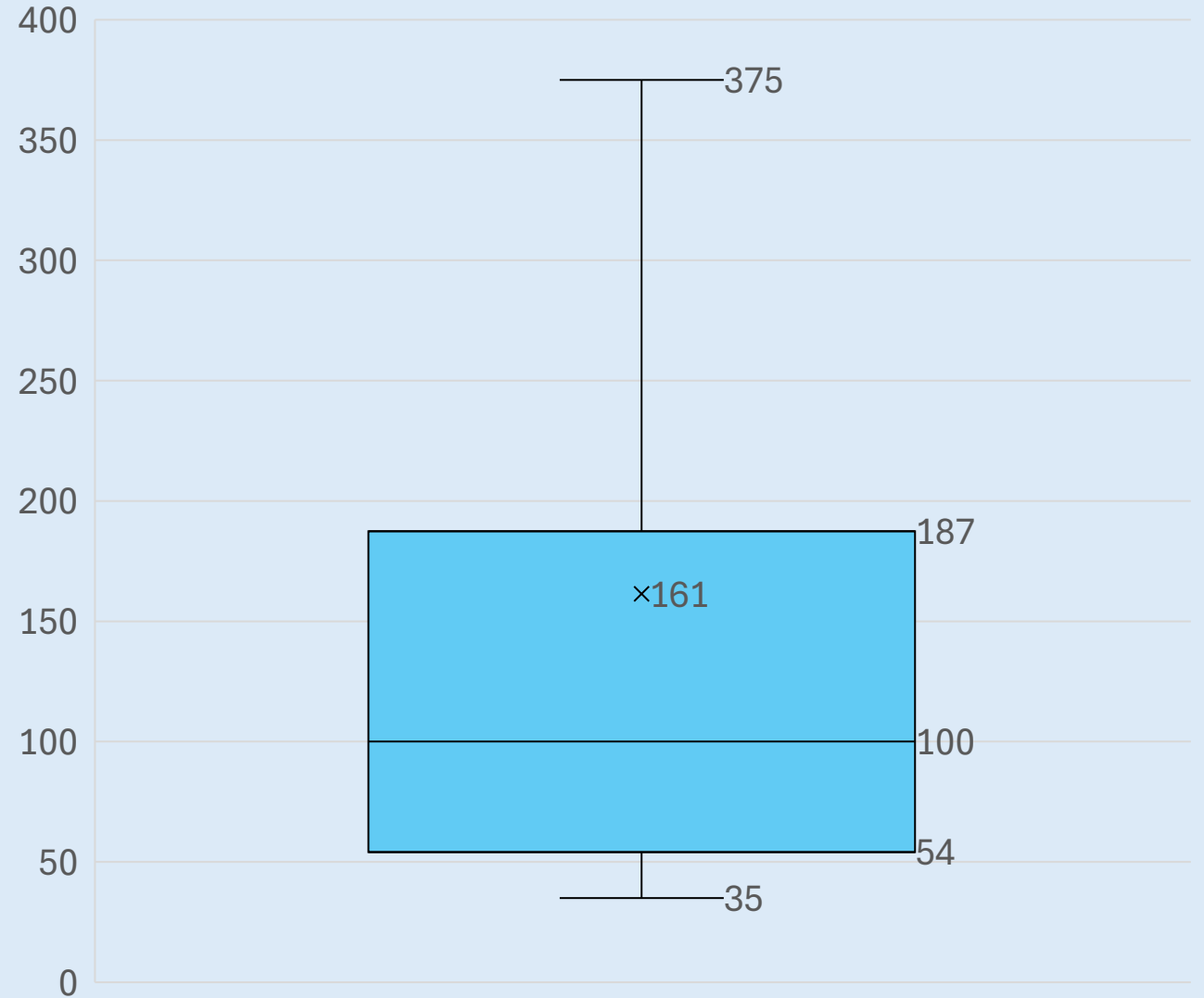
Buffer widths

- State provided data:
 - New York
 - Virginia

Narrow Buffers (currently 10 ft width)



Regular Buffers (currently 35 ft width)



Recommendation:

- The AMT recommends that the WTWG changes the default buffer widths for exclusion fencing practices to the following:
 - Narrow buffers = 23 ft wide
 - Regular buffers = 161 ft wide