



**DEPARTMENT OF
NATURAL RESOURCES**

CWD Surveillance & Management in Minnesota

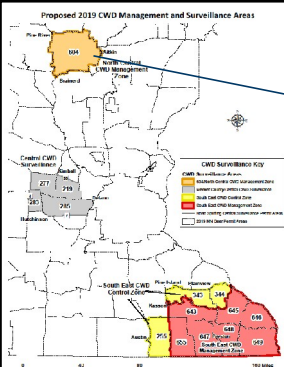
Dr. Barbara Keller
Big Game Program Supervisor

Minnesota's CWD Approach

- Find the disease, where it exists, as early as possible
- Where it exists, reduce risk of spread and transmission
- Advance our understanding about the disease

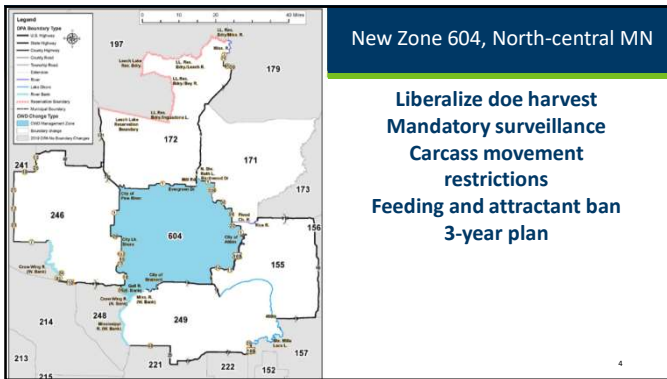



Proposed 2019 CWD Management and Surveillance Areas



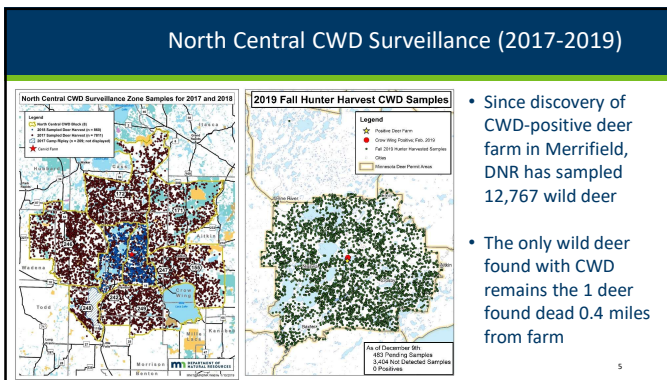
Minnesota's CWD approach

Recent early detection



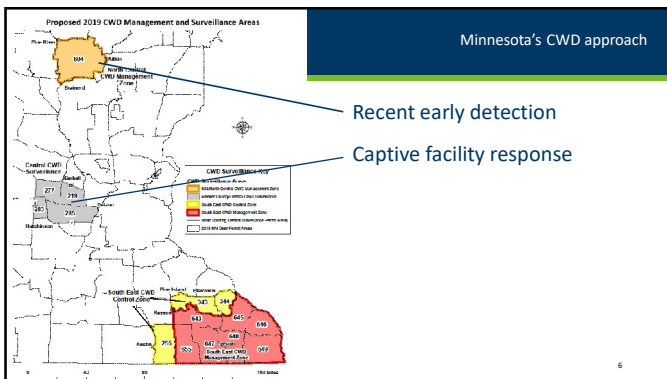
New Zone 604, North-central MN

- Liberalize doe harvest
- Mandatory surveillance
- Carcass movement restrictions
- Feeding and attractant ban
- 3-year plan



North Central CWD Surveillance (2017-2019)

- Since discovery of CWD-positive deer farm in Merrifield, DNR has sampled 12,767 wild deer
- The only wild deer found with CWD remains the 1 deer found dead 0.4 miles from farm



Minnesota's CWD approach

- Recent early detection
- Captive facility response

Minnesota's CWD approach

Central CWD Surveillance

2017 trace out from Crow Wing Co. positive farm

Mandatory limited surveillance
Feeding ban
3-year plan

3,617 deer tested over 3 years
Response concluded

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Minnesota's CWD approach

Minnesota's CWD History

Douglas and Pine Counties

- Awaiting results of epi investigation, aerial flights to determine risk
- Surveillance and regulatory response may differ depending upon risk

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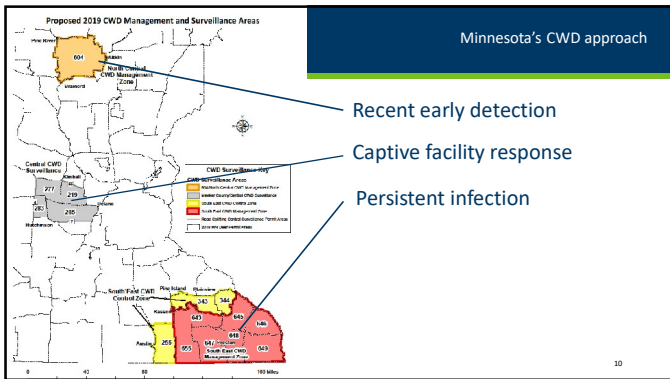
Minnesota's CWD approach

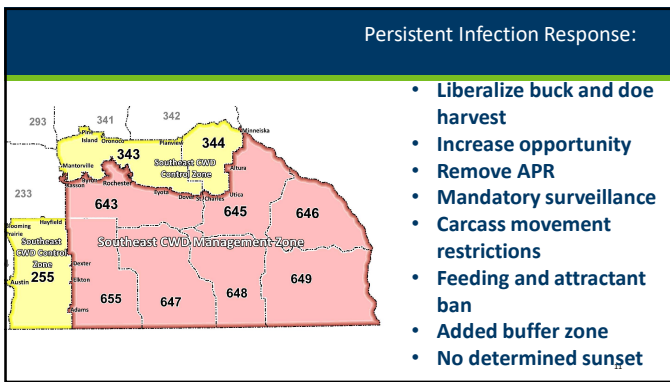
Counties with Deer Feeding and Attractants Prohibited

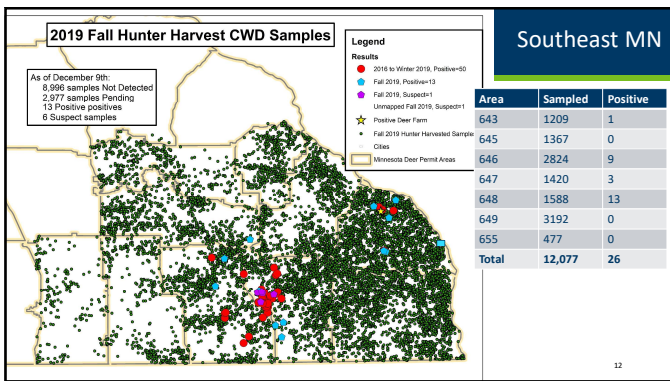
Changes to the Feeding and Attractant ban

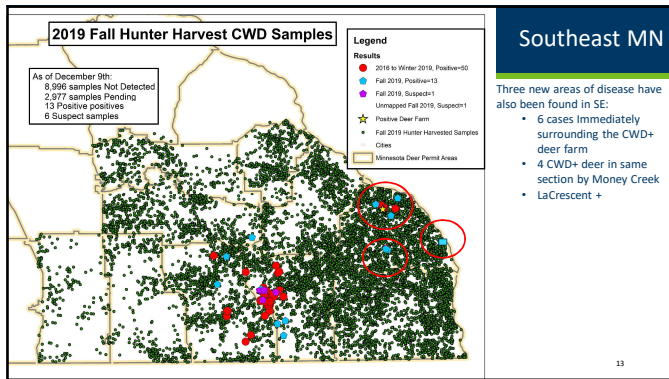
- New counties added to feeding ban Feb 24: Carlton, Chisago, Douglas, Isanti, Kanabec, Pine, Pope
- Counties to be removed July 1: Kandiyohi, McLeod, Meeker, Wright, northern portion of Renville

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Surveillance is a significant agency and cooperator effort

Area	Sampled	Not detected	Positive
North-central (604)	3,965	3,965	0
Central Surv. Zone	540	540	0
SE CWD MZ	12,039	12,013	26
SE Control Zone	1,163	1,163	0
Sick / dead	285	284	1
Total	17,992	17,965	27

During Firearm Season:

- All stations staffed by DNR and students
 - >400 people working
 - ~ 27,000 DNR staff hours
- Open 9am to 7pm daily, everyday of firearms season
- Most stations with quartering stations and dumpsters available as well

Self-service Sampling Stations: Available all of archery and muzzleloader season throughout SE (n=16) and NC (n=6) zone. Heads are picked up 3x/week and samples shipped to lab.

Current Budget

Fund	FY 20 Appropriated	FY21 Appropriated	Total App FY20-21
General Fund	1,595,000	275,000	1,870,000
Game & Fish	1,125,000	1,675,000	2,800,000
Emergency Response	50,000	--	50,000
Cervid Health – Adopt a Dumpster	2,770,000	1,950,000	4,720,000
Total App	1,806,261	-----	--
Total Spent	1,806,261	-----	--

Pending expenses (to date)
\$700,000 +

- USDA culling **\$350,000**
- Staff/fleet/logistics **\$138,000**
- Testing and processing **\$120,000**
- Research **\$167,000**

What's Next for CWD Efforts this Winter?

- USDA-WS targeted culling in SE core areas
 - Landowner shooting permits may be issued on a case-by-case basis
 - Aerial surveys to help guide efforts
- No winter efforts currently planned for the North-Central Zone

What's Next for CWD Efforts this Winter?


- Currently 63 cooperating landowners
- 15,247
 - 11,603 private
 - 3,644 public
- As of 2/14/20
 - 135 deer removed
 - 54 from Winona (1 suspect next to farm)
 - 81 from Preston area (1 suspect in core)

What's planned for next fall?

- Assess surveillance efforts and hunting regulations
- Assess management zone boundaries relative to new detections
- Continue to collaborate with BAH on epidemiological investigation of positive captive facilities
 - Assess risk and surveillance needs

Summary

- CWD remains a rare disease in MN
- Aggressive approach to protect statewide deer population, hunting heritage
- Adapt as we assess effectiveness
- We cannot be successful in managing this disease without the help of hunters, cooperators, and businesses



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KEEP MINNESOTA'S DEER HERD HEALTHY
STOP THE SPREAD OF CWD



mn DEPARTMENT OF NATURAL RESOURCES
