



Brucellosis in Wyoming

USAHA 2025

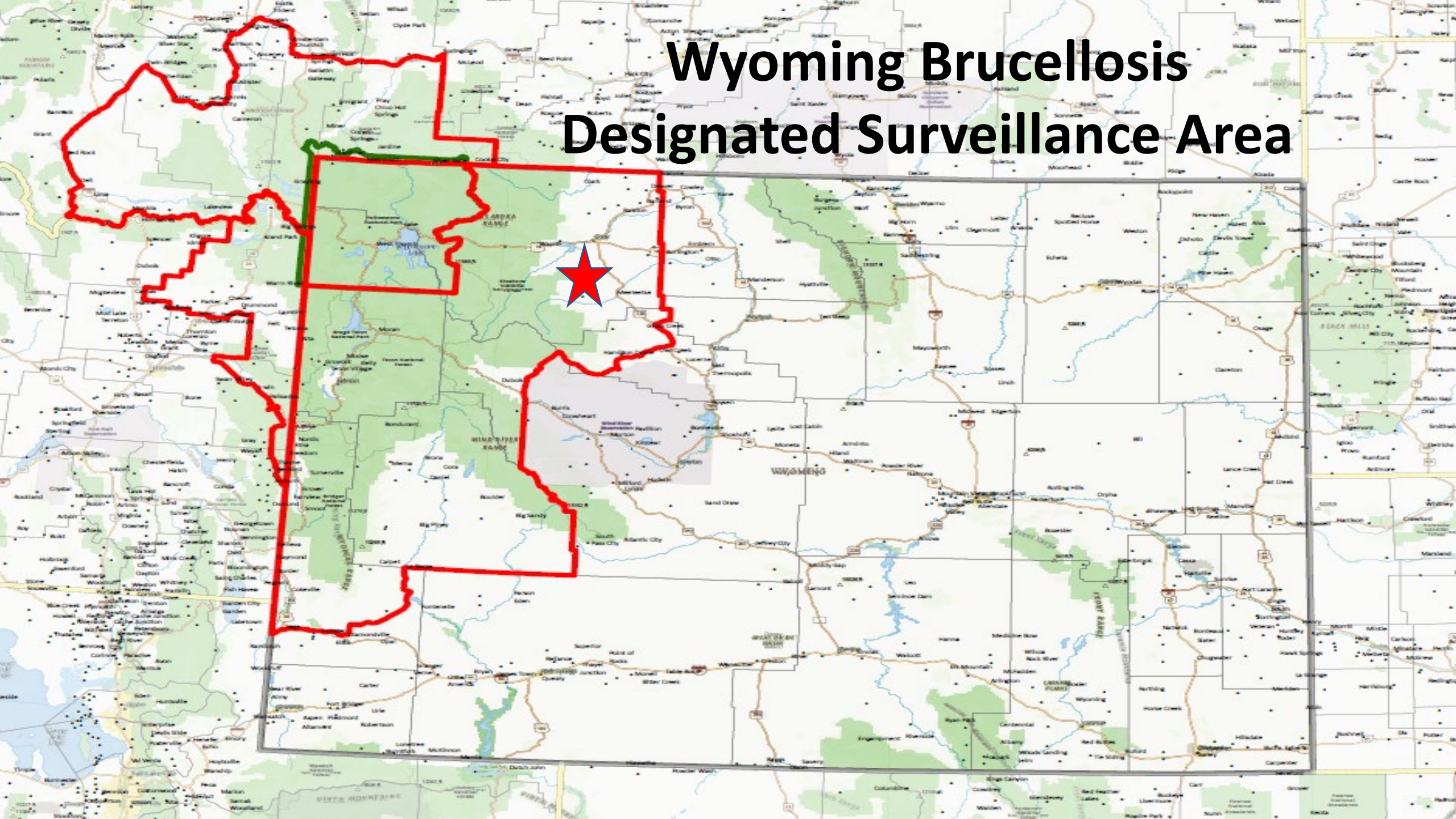
Hallie Hasel, DVM
Wyoming State Veterinarian

Rose Digianantonio, DVM, ACVPM
Wyoming Assistant State Veterinarian

Teckla Webb, DVM, MPH
Wyoming Assistant State Veterinarian – Field



Wyoming Brucellosis Designated Surveillance Area



Brucellosis Prevention is Written into WLSB Rules

WLSB Chapter 2: Brucellosis Management and Mitigation

Brucellosis Vaccination:

- Heifers must be vaccinated for brucellosis by 1 year of age in Wyoming
- In the DSA, all vaccine eligible heifers (4 mos of age and older) must be vaccinated by Feb 1 each year

Brucellosis testing:

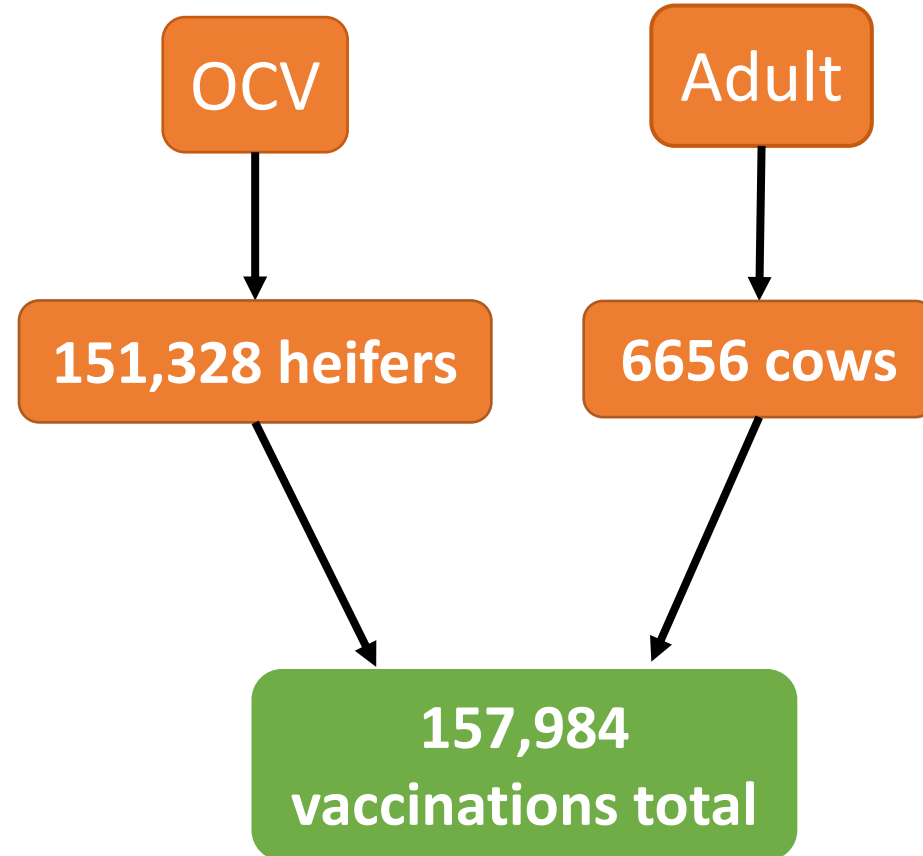
- Within the DSA, all females 1 year of age and older must be tested for brucellosis prior to change of ownership, prior to interstate movement, and prior to leaving the DSA.



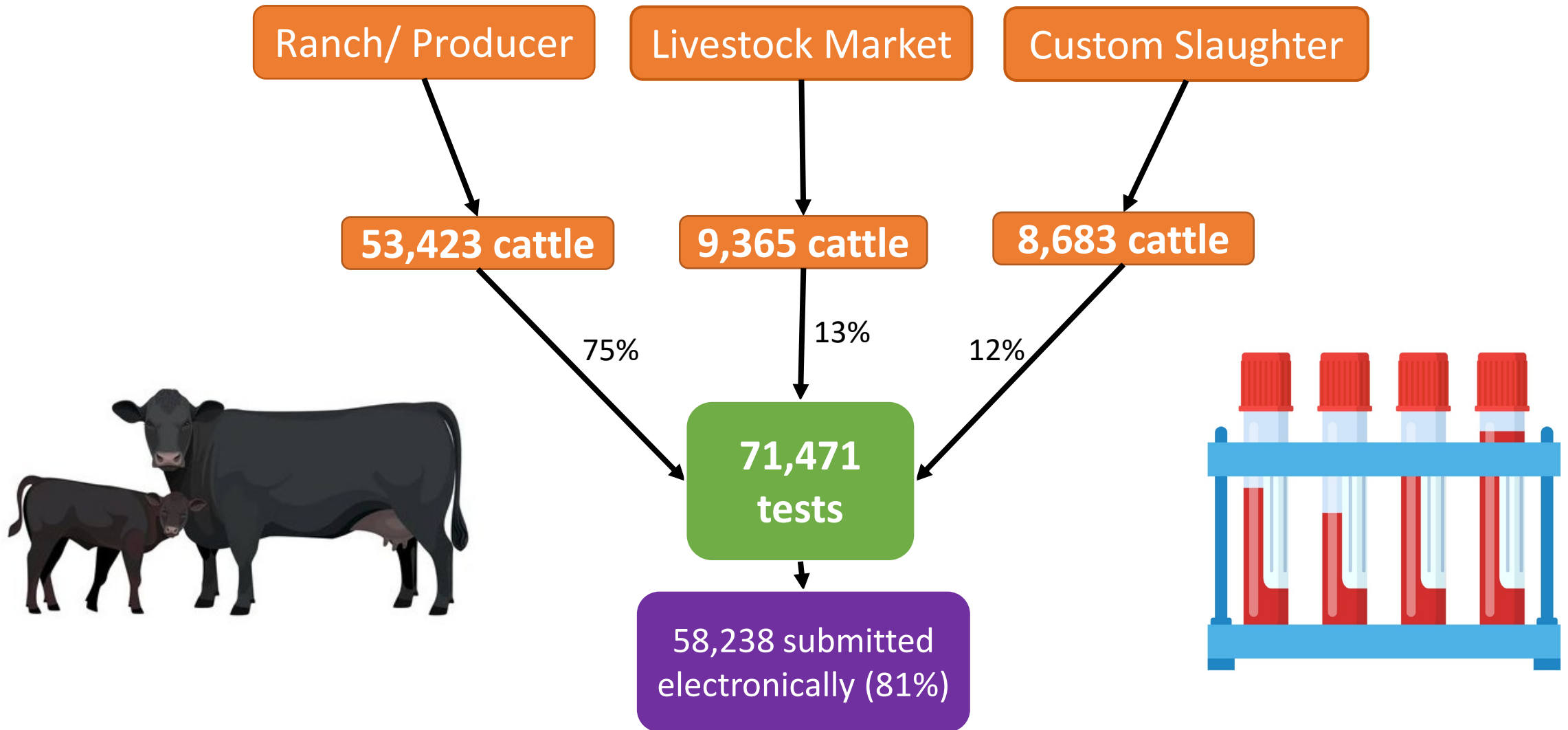
***Data presented for Wyoming Fiscal Year
July 1, 2024 to June 30, 2025***



Brucellosis Vaccinations



Brucellosis Tests

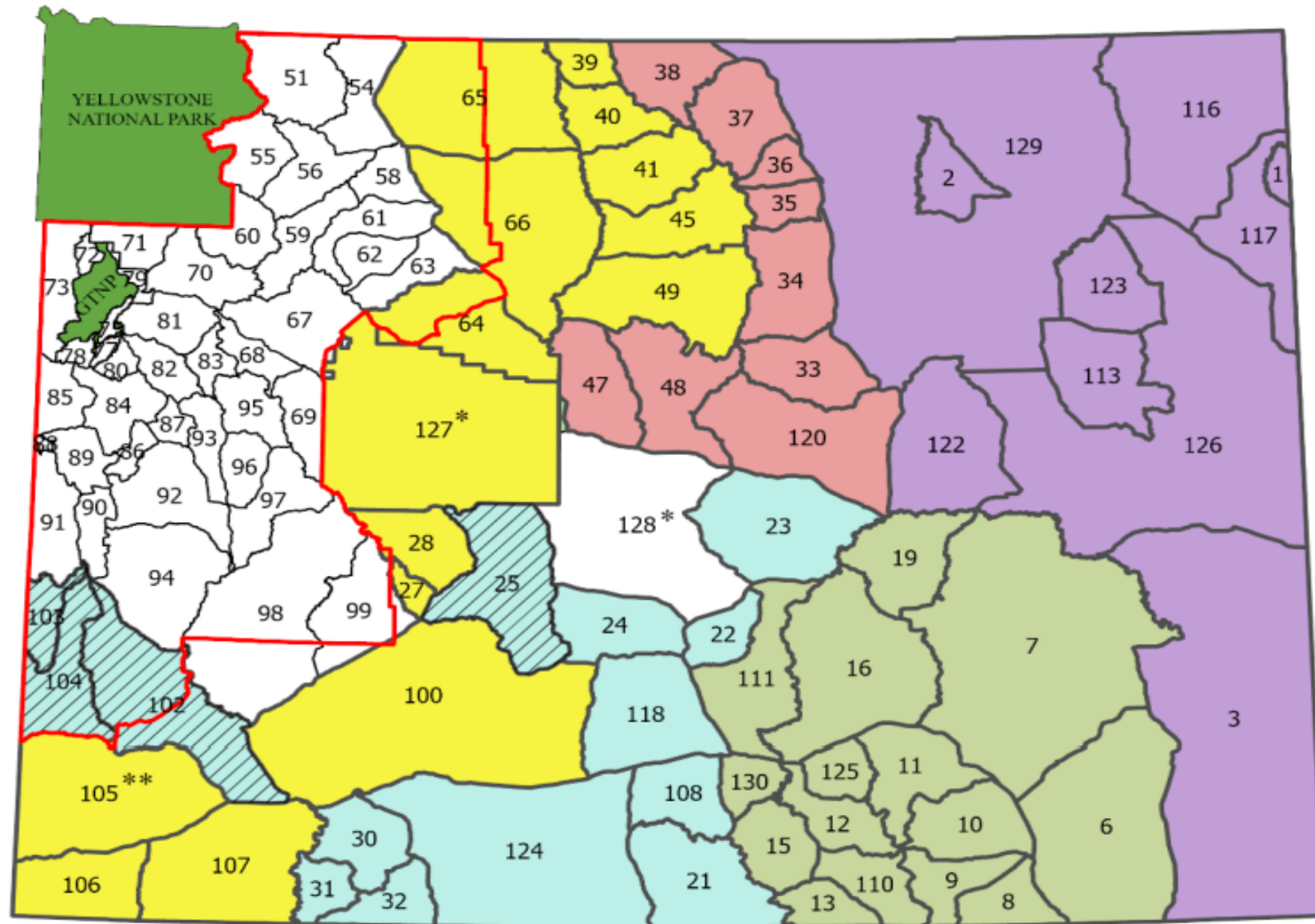




Brucella Seroprevalence in Elk by DSA classification as of 10/28/2024

	Non-DSA	DSA	Total by Category
Positive Elk Samples	0	4	4
Positive Cow Elk Samples	0	3	3
Cow Elk Samples	221	27	248
Total Elk Samples	368	49	417

Elk Hunt Areas



- DSA
- 2025 Enhanced Surveillance
- 2025 Rotation
- 2026 Rotation
- 2027 Rotation
- 2028 Rotation
- Annual Surveillance

* Elk hunt areas with only general licenses available. Elk area 127 surveillance completed with help from the USFWS and the WRIR.
** Limited quota licenses anticipated for the 2025 hunting season



- ❖ Epidemiology
- ❖ Risk management
 - Annual herd test
 - Brucellosis booster vaccination

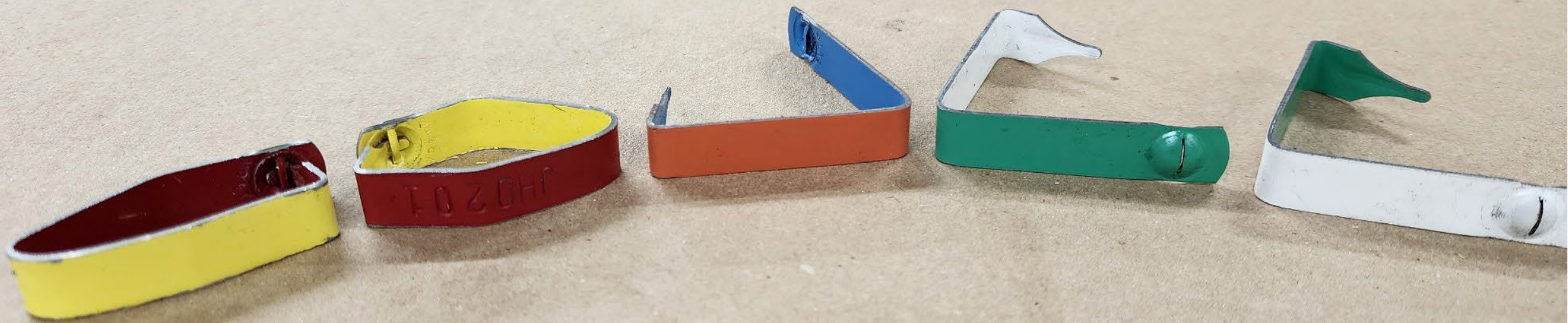
Brucellosis Prevention

- Reduce elk commingling with cattle –especially Feb 1– June 30 (elk abortion/calving season) and on feedlines
 - Fence haystacks
 - Hazing
 - Discuss targeted hunting with WGF
- Test for brucellosis annually
- Vaccinate
 - OCV and AV



Photo credit: Western Livestock Producer







Hallie Hasel, DVM

Wyoming State Veterinarian

Wyoming Livestock Board

307.840.1389

hallie.hasel@wyo.gov

