



2008 Michigan TB Conference

Michigan Department of Agriculture Bovine Tuberculosis Program Update

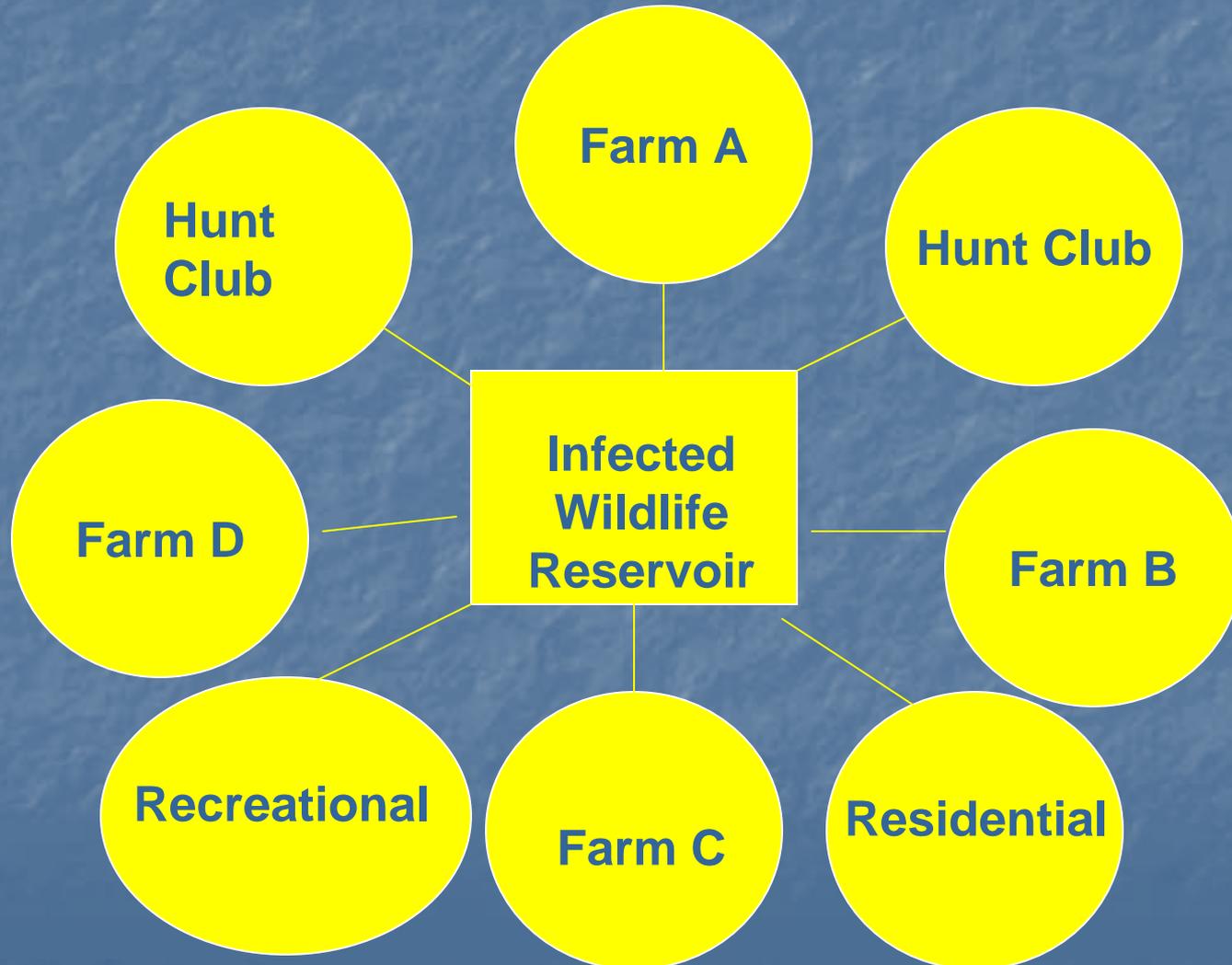


Dr. John Tilden
July 23, 2008



Source: Michigan Department of Natural Resources

Interconnection of Landowners



Current Challenges

- Continued spread of disease between wildlife and livestock
- Current program is expensive and funding levels cannot be maintained
 - \$100 million overall over the past 10 years

**“We must be
architects of change
and not it’s victims”**

Don Gingrich, Farmer

Increasing Demand for Accountability

- **Government** – provide an open and efficient program
- **Livestock producers** – take reasonable precautions to prevent the spread of bovine TB between wildlife and cattle
- **Sportsmen** – manage the deer herd for the good of all Michigan citizens
- **Challenge:** strike a balance between collective and personal responsibility

2008 Initiatives

- Early Detection – Targeted Surveillance
- Livestock Industry Leadership
- Local Partnerships Between Livestock Producers and Sportsmen
- Research
- Prevention – Wildlife Risk*A*Syst Project

Knowledge Gaps and Research Needs

- **Wildlife vaccination strategies**
- **Human dimensions of bovine TB eradication programs**
- **Computer models to assess risks and forecast impacts of program interventions**
- **Cost-effective surveillance methods**

Wildlife Risk*A*Syst Project

- **Why:**

- Producers identified economic and technical assistance as barriers to implementing risk reduction practices

- **What:**

- Technical assistance
- Limited cost-share funding for eligible livestock producers

Wildlife Risk*A*Syst Project

■ Who:

- Government: Federal, State, and Local
- Livestock producers and associations

■ How:

- Use proven risk-reduction models
 - USDA Environmental Quality Incentives Program
 - Michigan Agriculture Environmental Assurance Program

Wildlife Risk*A*Syst Project

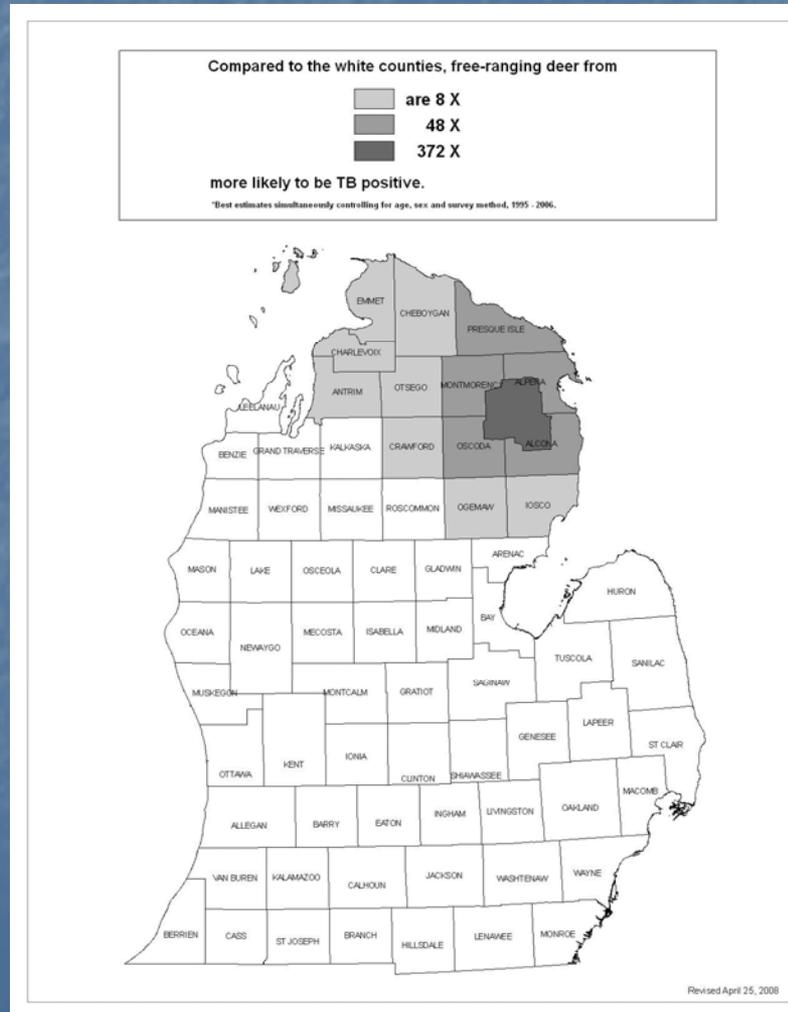
- **When:**

- Summer of 2008 through September 2009 - continue and expand as funding allows

- **Where: Risk-based**

- Geographic Area - In and around Deer Management Unit (DMU) 452
- On-Farm risk assessment

Likelihood of Identifying a bovine TB (+) Wild White-Tailed Deer



Source:
DNR Surveillance Data

Identifying Farms Most at Risk In the Five County Area

- 500 + herds
- 39 TB (+) since 1998
 - (89% of total in Michigan)
- 5 repeat herd infections
- Increasing separation between wild deer and livestock recommended





Source: Michigan Department of Natural Resources



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**“Progress is the
activity of today
that ensures a
tomorrow”**

Ralph Waldo Emerson