

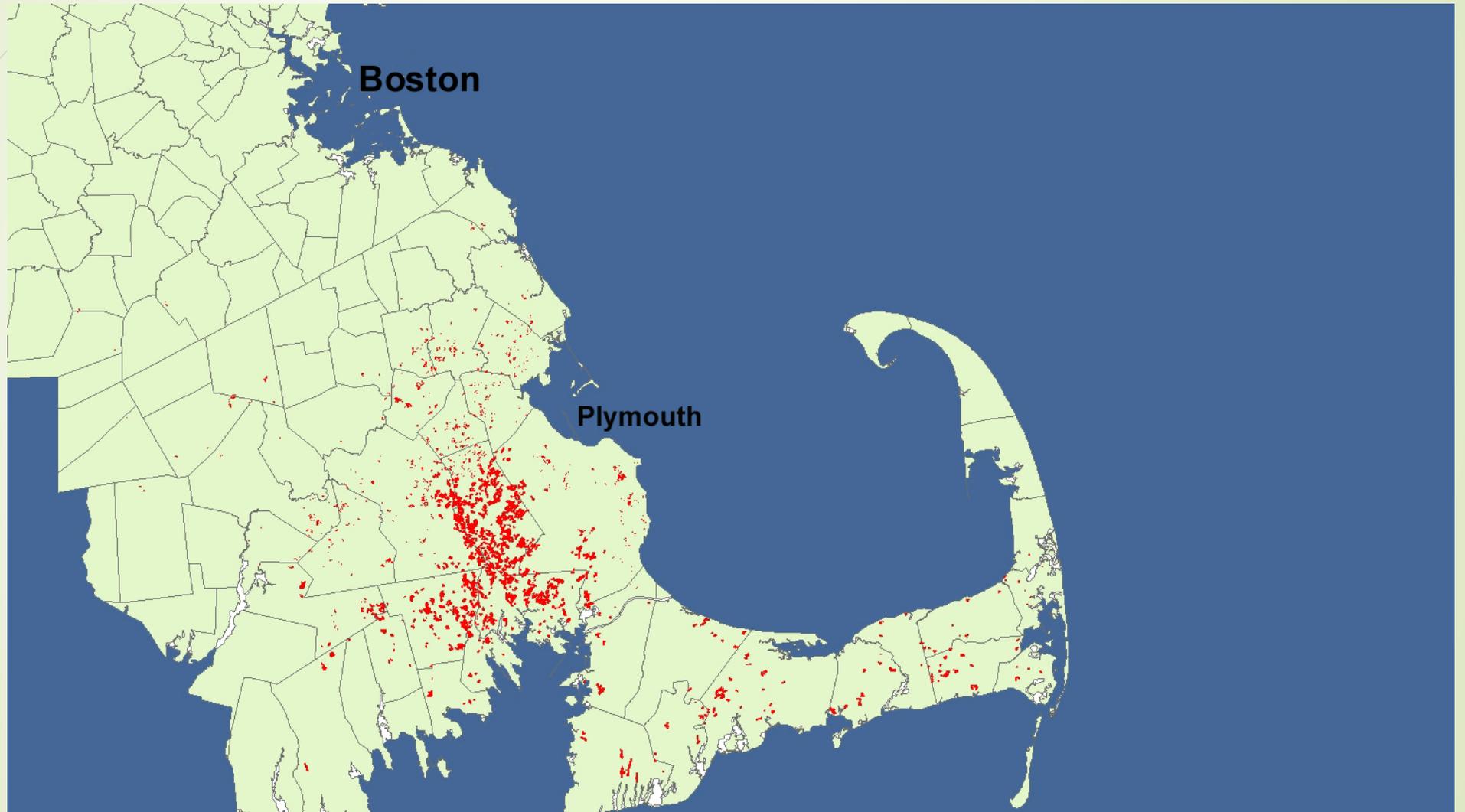


Massachusetts Cranberries

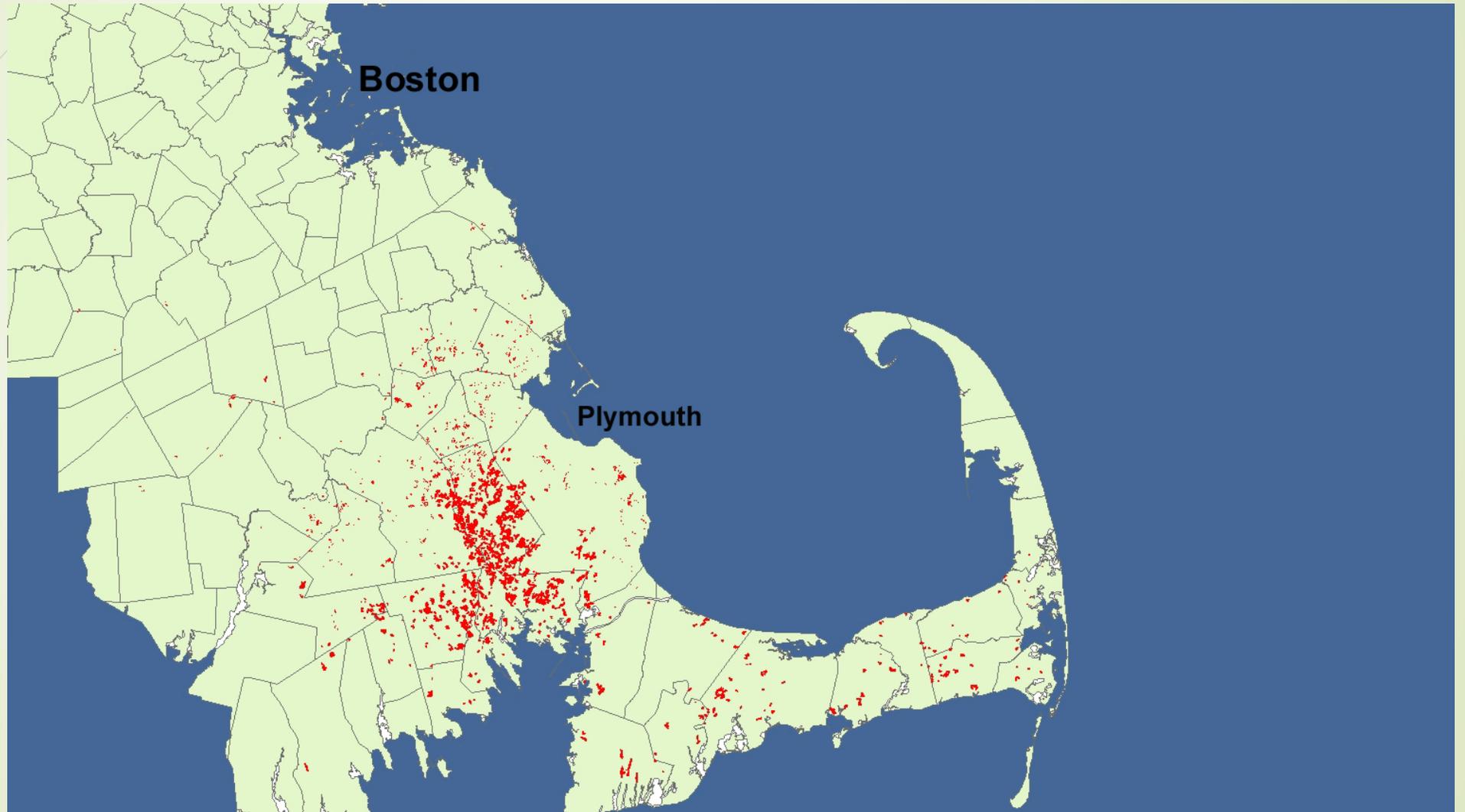
Cape Cod Cranberry Growers' Association

Brian Wick, Executive Director

14,000 Acres of Cranberry Bog



Plymouth ~1,400 Acres of Bog





Farm Plans

- Blueprint for what is working well, what needs improvement
 - Plan for farm enhancements over time
 - Approved by Federal USDA/NRCS
 - NRCS assisted on local level by Conservation Districts which operate at the county level.
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Water Conservation Best Management Practices

- ▶ Laser Leveled Bogs
 - ▶ Tailwater Recovery Ponds
 - ▶ Irrigation Management
 - ▶ Water Management Structures: Flumes & Dikes
 - ▶ Frost Management
 - ▶ Flood Management
 - ▶ Water Resource Protection and Enhancement
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- ▶ Developed in Cooperation with Regulatory and Research Agencies, Engineers, Growers
 - ▶ USDA/NRCS, EPA, Army Corps, MassDEP, UMass



Laser Leveled Bogs

- Renovating Old Bogs
 - Out of Grade Beds
 - Laser Leveled to Within 6 inches
 - Certified by MACD/NRCS
 - Conserves Water
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Structural BMPs: Laser Levelled Bogs



Tailwater Recovery Ponds

- Constructed Ponds/Reservoirs
- Collect In-season Water
- Reuse/Recycle Water
- Water Use Savings



Irrigation Management

- Improved System Design
- Pop-up Heads
- Increased Uniformity
- More efficient systems mean less water used



Water Control Structures

- ▶ Flume Construction/Replacement
- ▶ Dike Construction/Replacement



Water Control Structures

- Flume Management (weather observation)
- Dike Maintenance
- Ditch Maintenance
- Drainage Systems
- Maintaining Cranberry Bed Moisture Levels



Bypass Canal





Questions?