

Phytophthora ramorum Early Detection

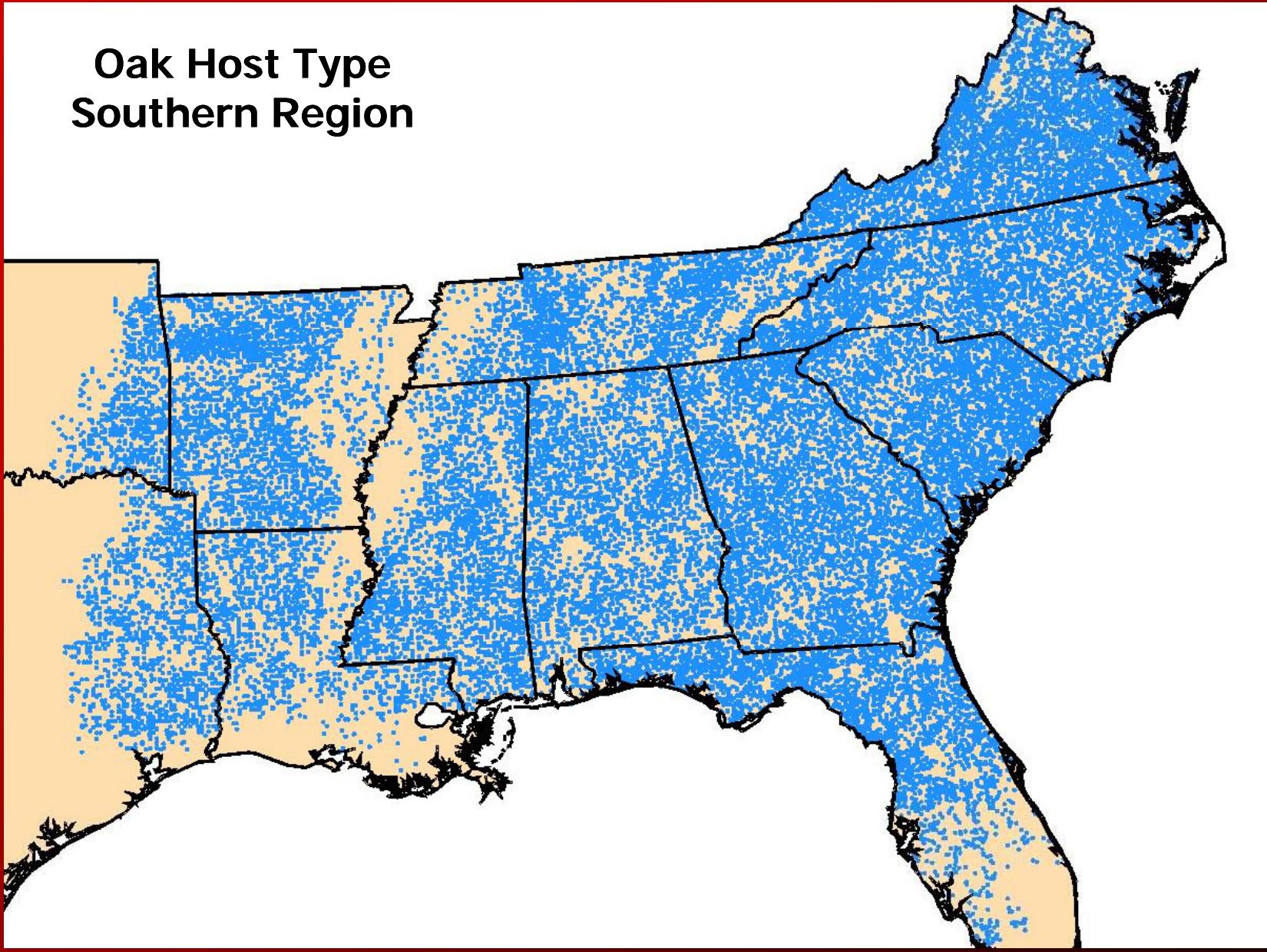


Sudden Oak Death Distribution- North America

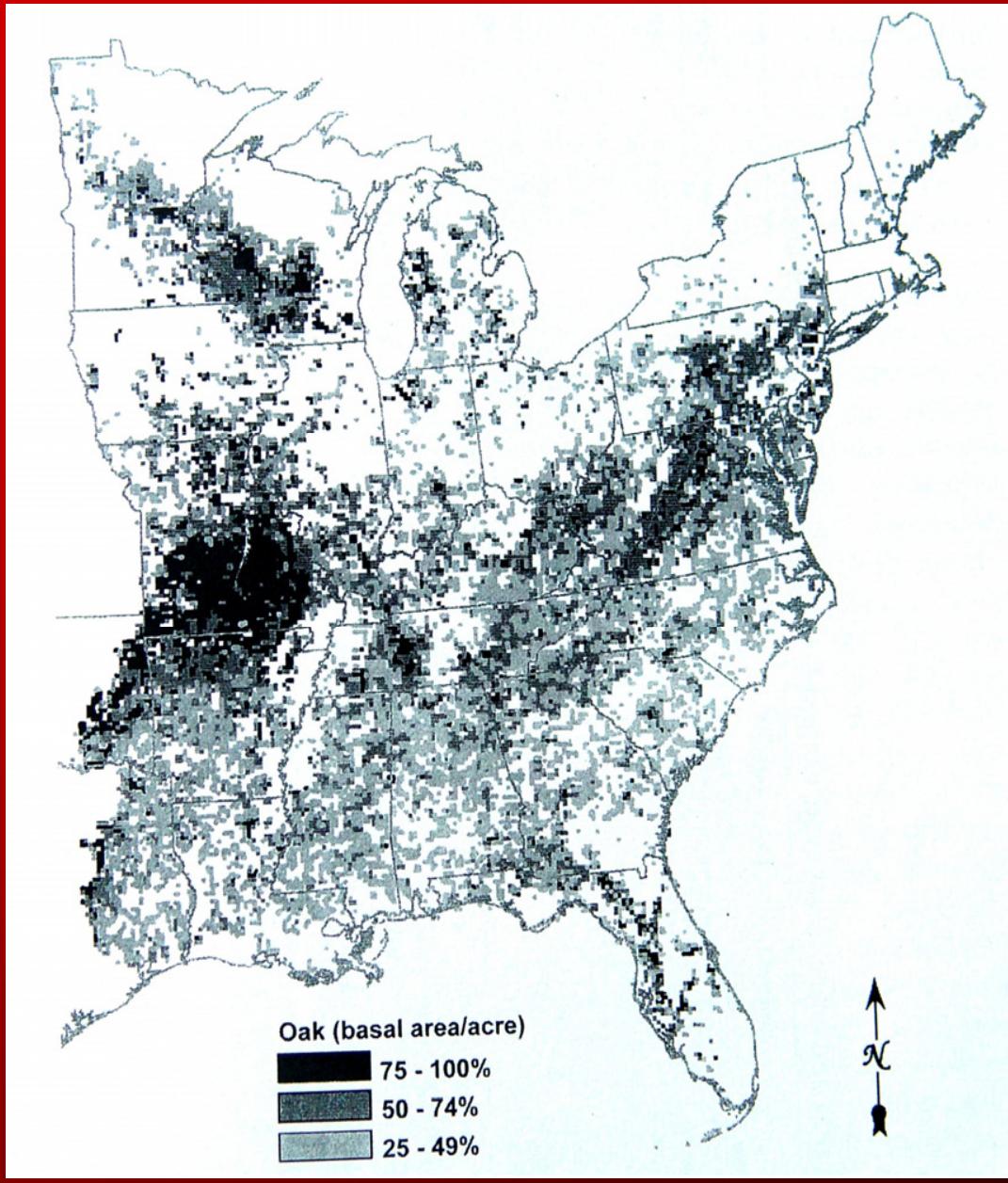


SOD Awareness

Oak Host Type
Southern Region

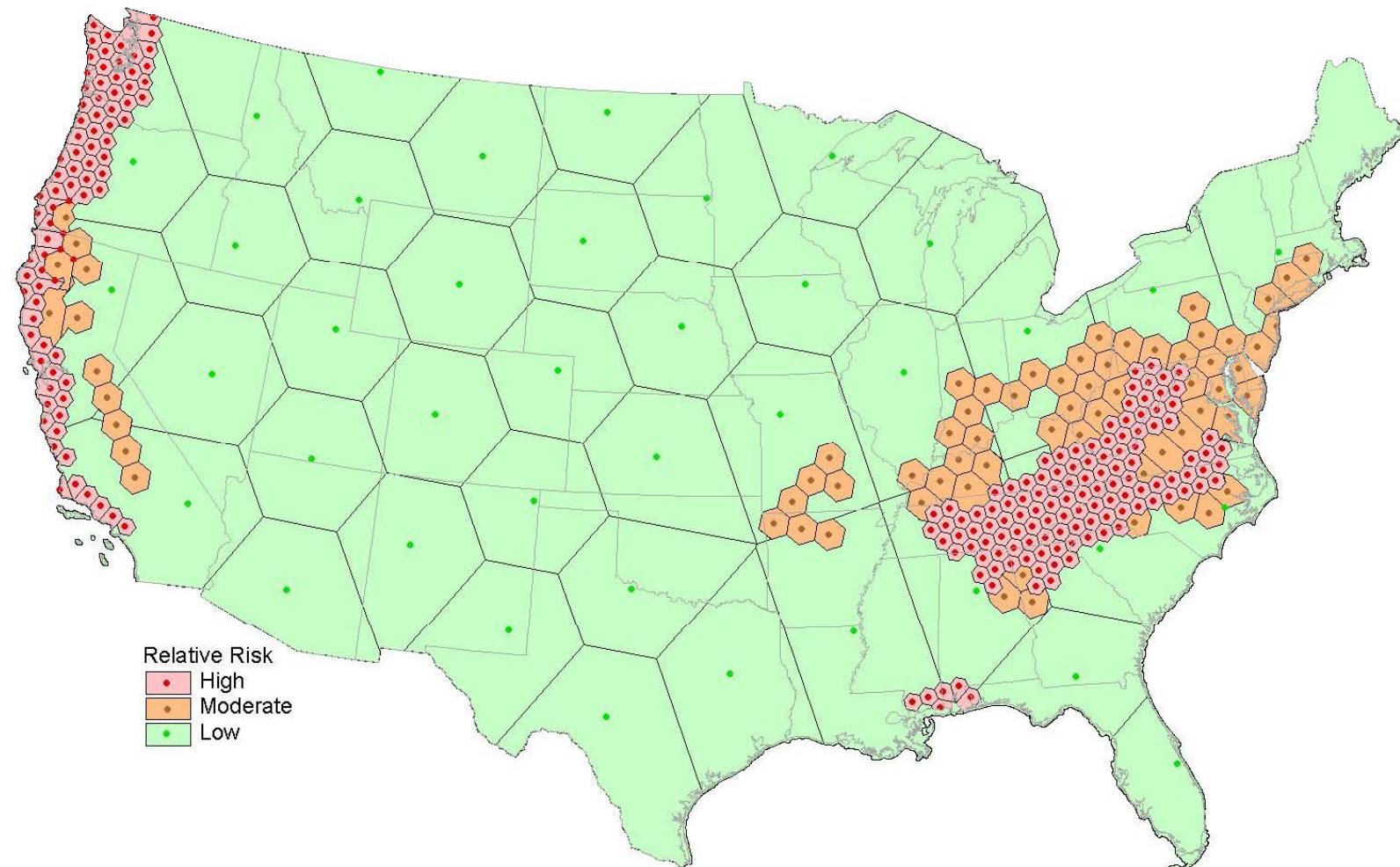


SOD Awareness



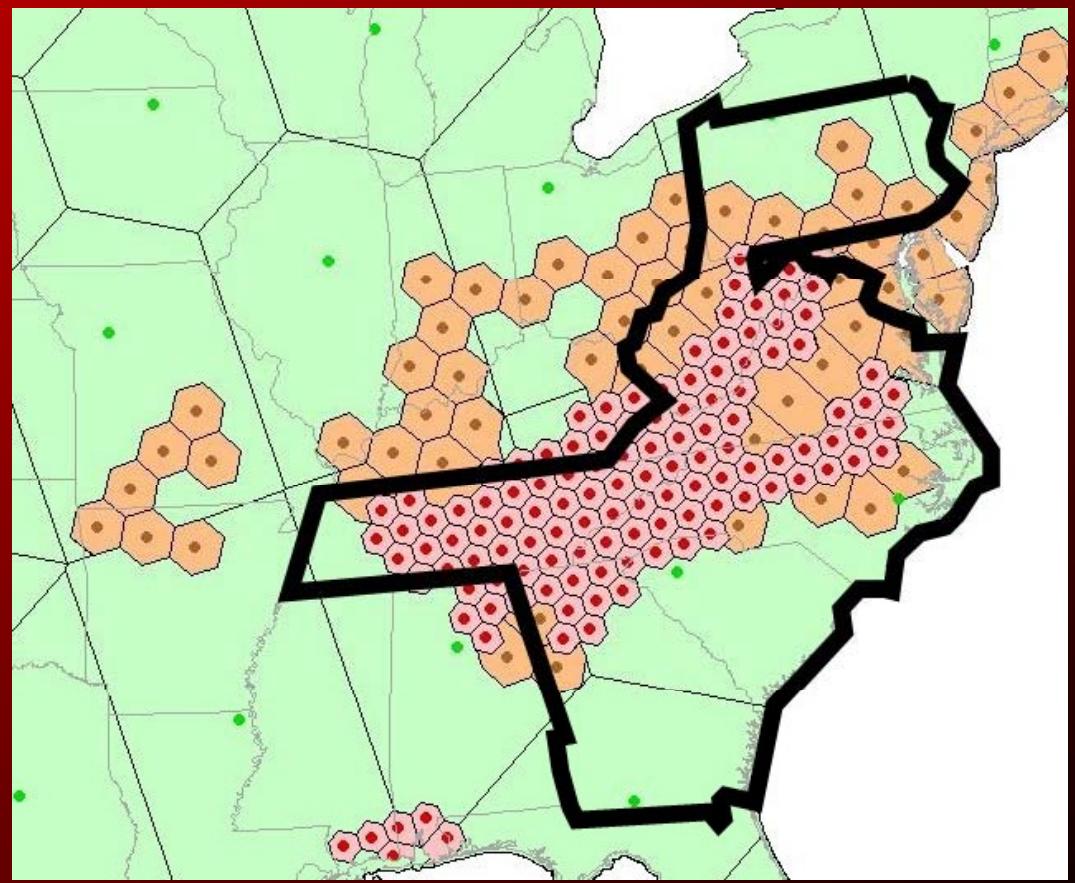
SOD Survey Roles

Preliminary SOD Risk/Hazard Map

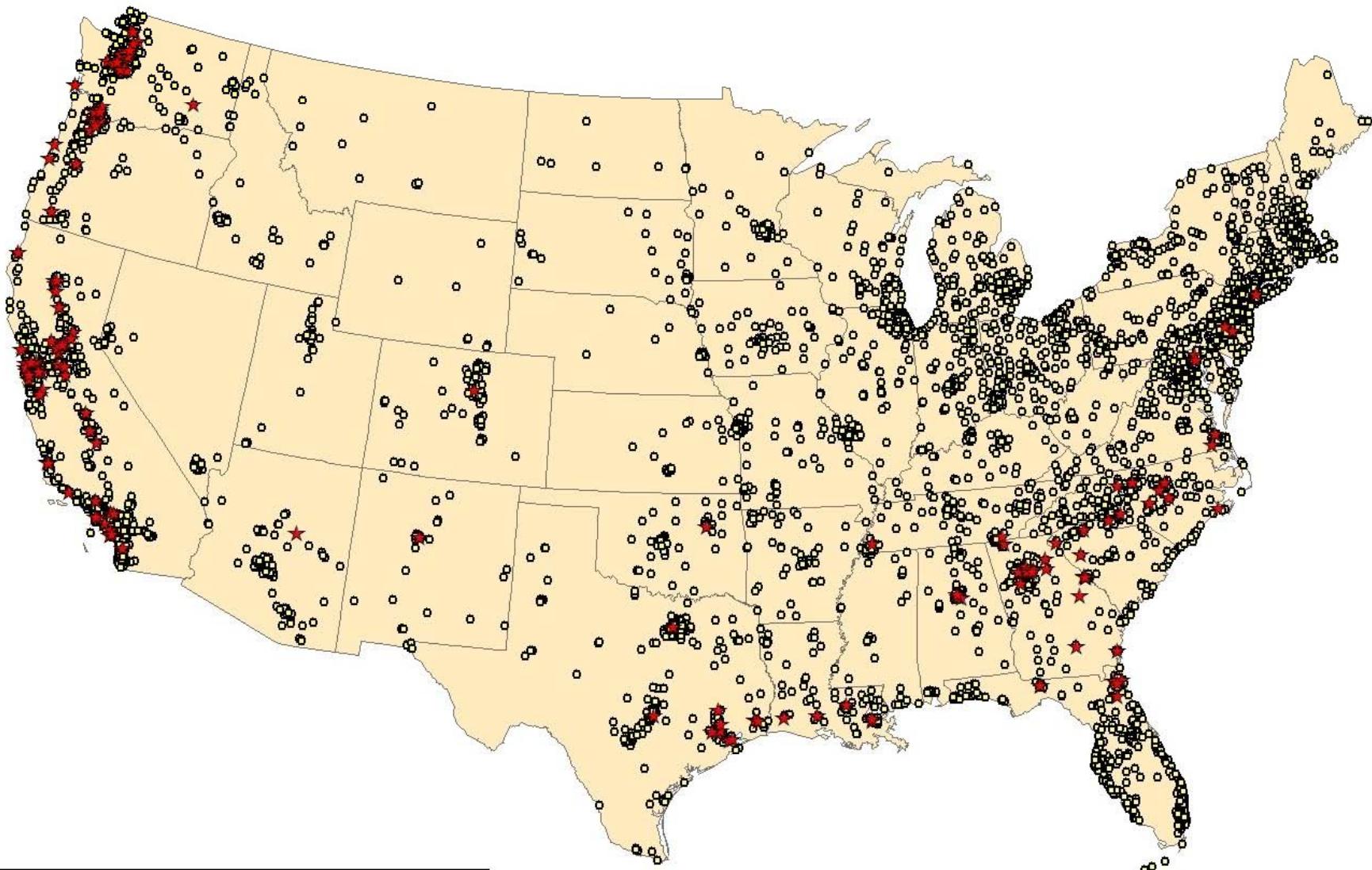


P. ramorum Survey Chronology

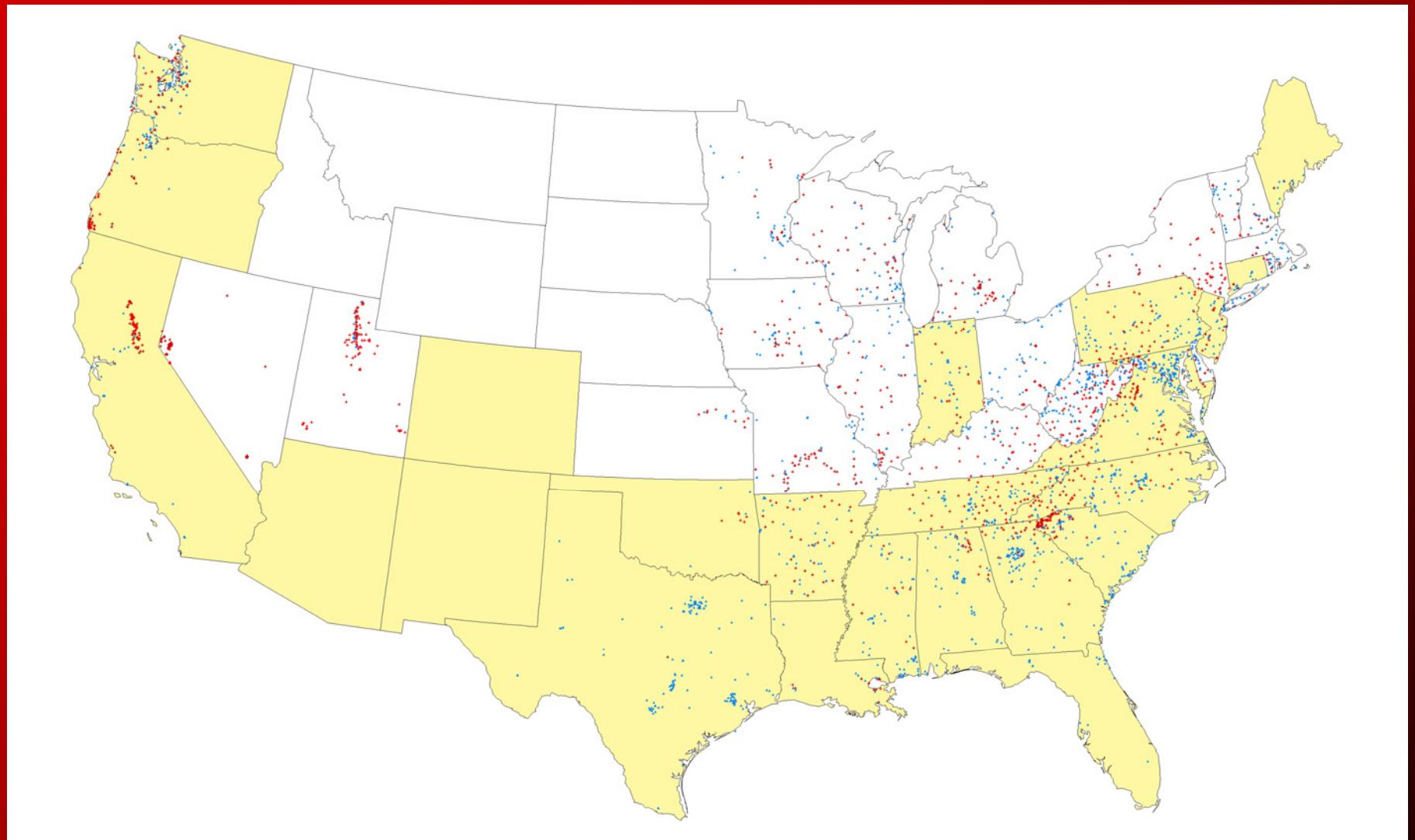
- 2003
 - Pilot Survey in 7 High Risk States



2004 *P. ramorum* Introduction



P. ramorum Survey Locations 2003-2006



P. ramorum Survey Chronology

- 2003
 - Pilot Survey in 7 High Risk States
- 2003-2006
 - Terrestrial Survey
 - 3570 Locations; 1 *P. ramorum* Positive

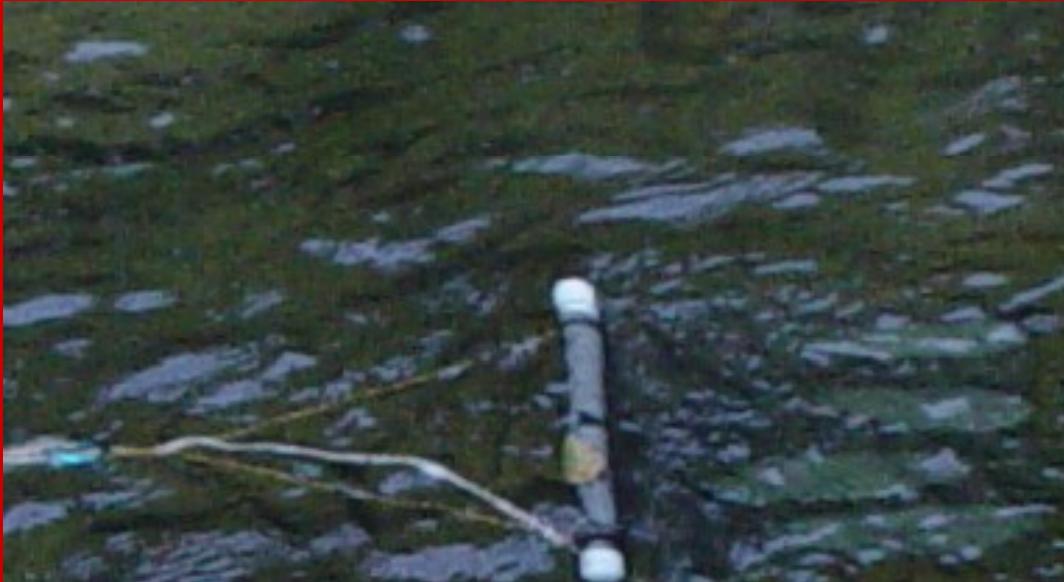
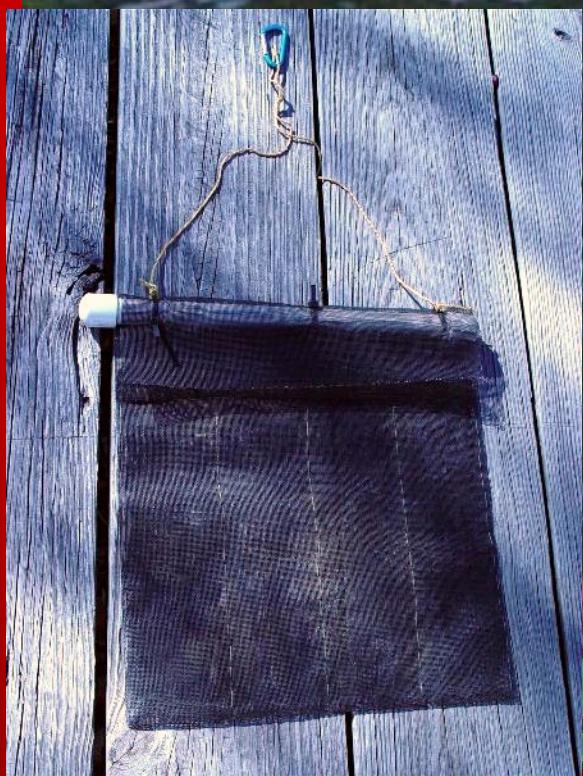


Photo credit- Dam Omdal



2006 Stream Baiting Pilot Survey



11 States

yellow shaded states have
confirmed *P. ramorum* in
forests, nurseries, or
landscapes (CA, OR) or
nurseries only (all others).

93 Watersheds

14 known *P. ramorum* positive
(CA, OR)

P. ramorum Stream Survey New Detections



P. ramorum Stream Survey New Detections



P. ramorum Stream Survey New Detections

2006

WARose

2007

(WARose)

WASam

MSLake

CAMiller

CANor

CANav

CAEIK

2008

WARose

WASam

MSLake

CAMiller

CANor

CANav

CARob

CALit

CAMill

OR82

P. ramorum Survey Chronology

- 2003
 - Pilot Survey in 7 High Risk States
- 2003-2006
 - Terrestrial Survey
 - 3570 Locations; 1 *P. ramorum* Positive
- 2006-2008
 - Stream Survey
 - 320 Locations; 11 *P. ramorum* Positives



Early Detection Lessons?