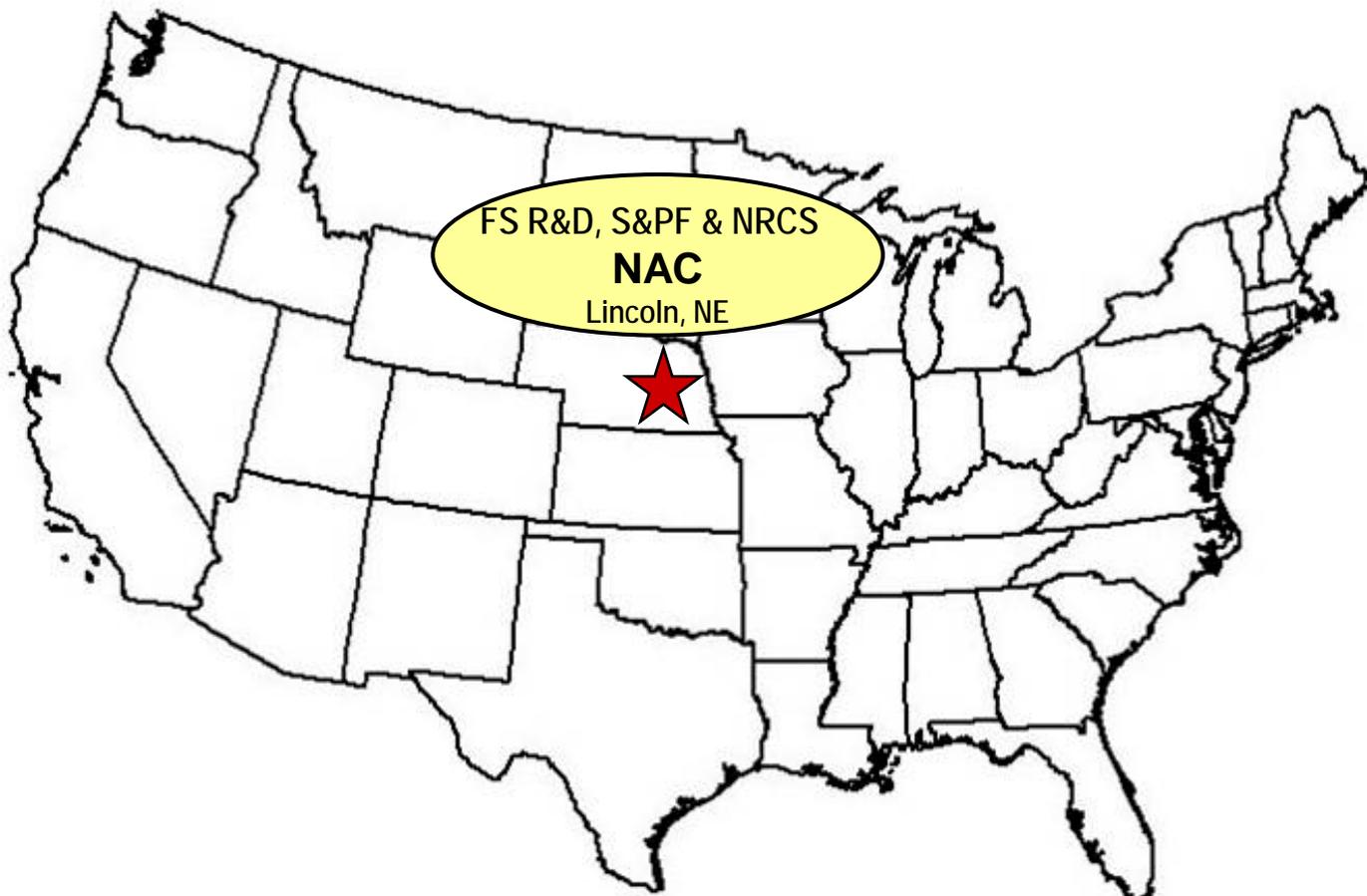


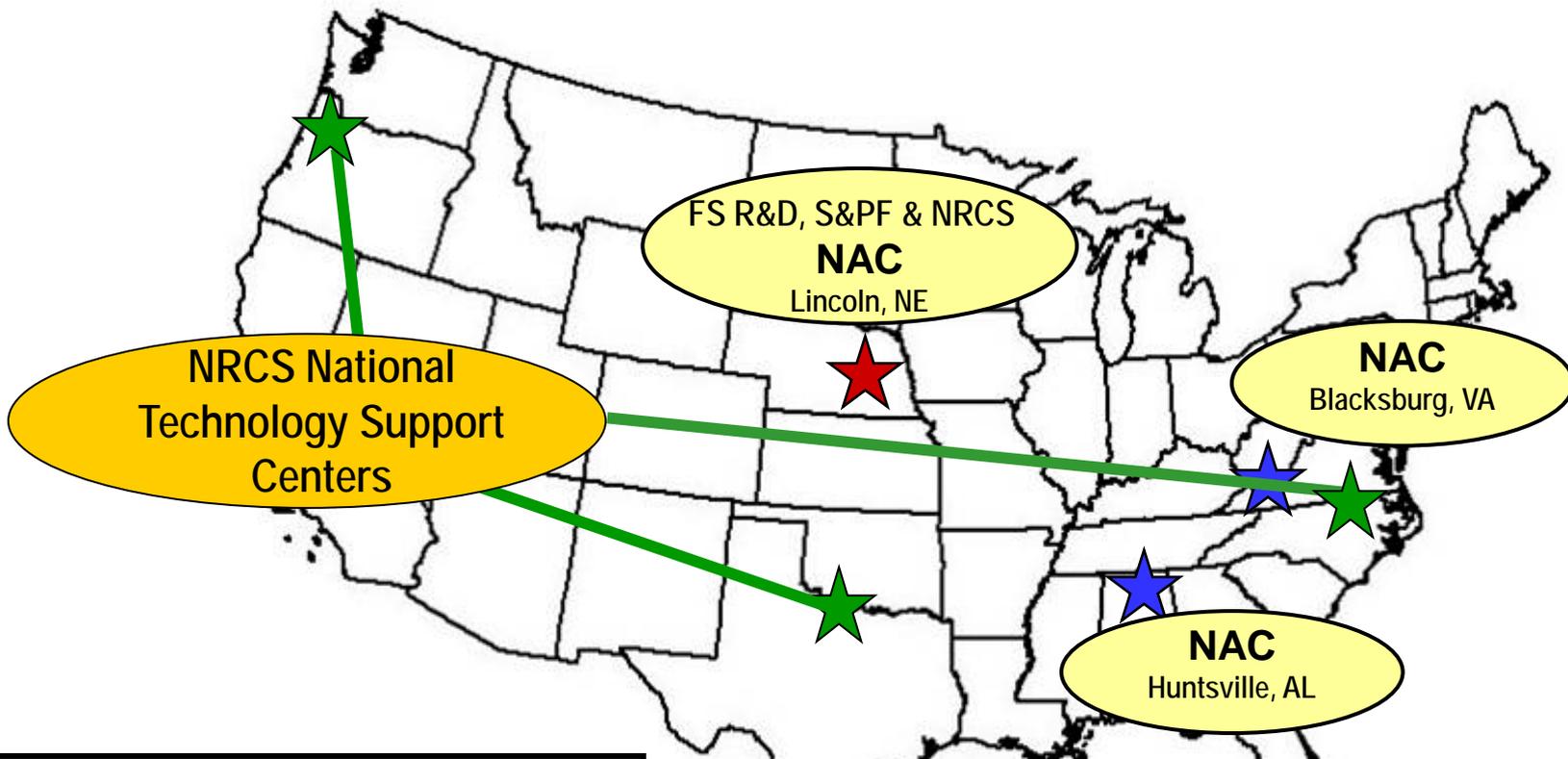
# Forest Service Research, State & Private Forestry, and Natural Resources Conservation Service



**NAC:** Authorized in 1990 Farm Bill, established 1992 in Lincoln, NE

**Mission:** Accelerate the development and application of agroforestry technologies to attain more economically, environmentally and socially sustainable land use systems.

# Forest Service Research, State & Private Forestry, and Natural Resources Conservation Service

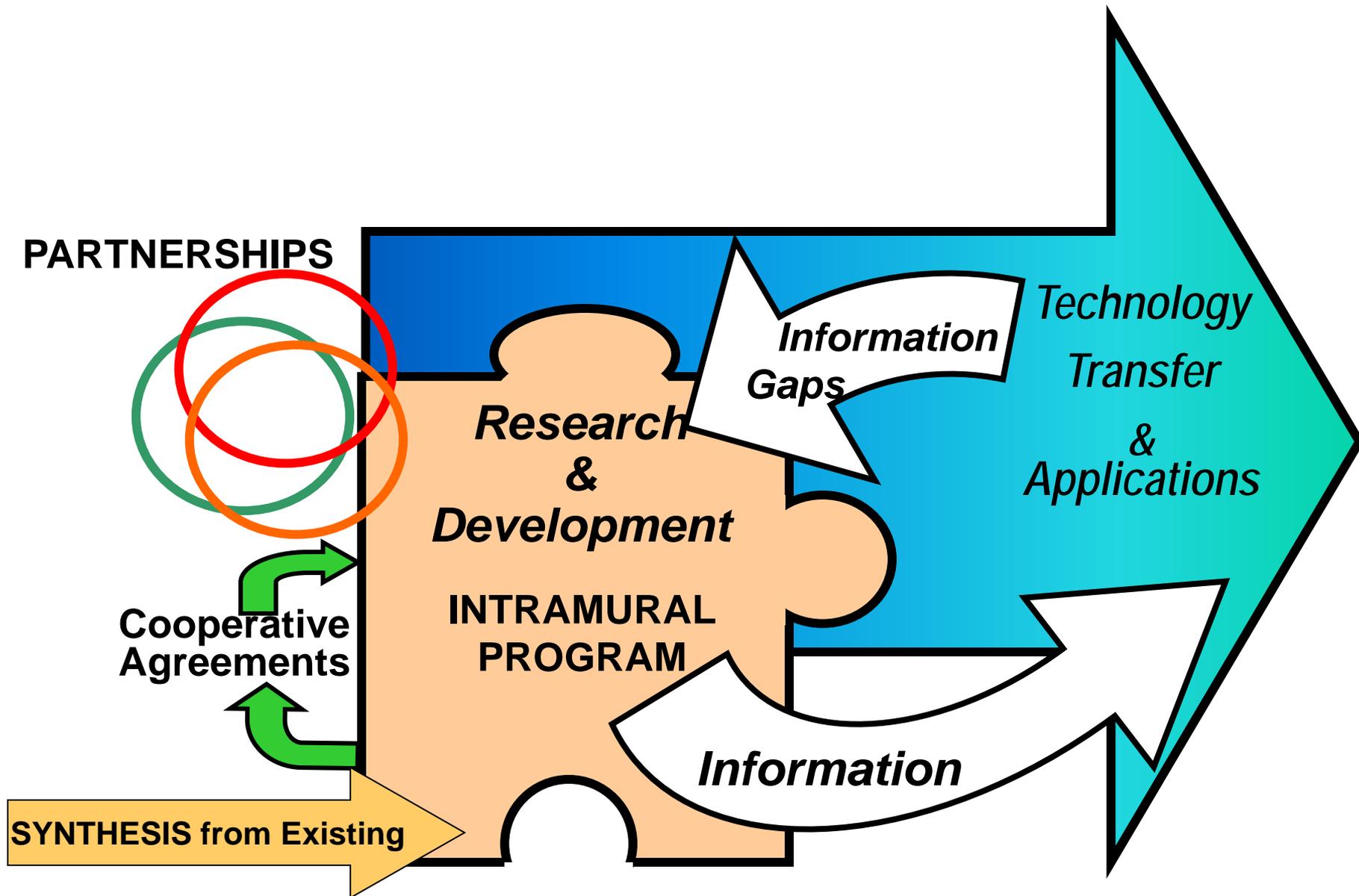


<b>PROGRAM MANAGER (FS)</b>	
<b>TT&amp;A:</b>	2 Lead Agroforesters (FS & NRCS) 2 TT&A specialists
<b>R&amp;D:</b>	3.75 PFT Scientists (FS) 1 GIS Specialist, 1 Technician
<b>Admin:</b>	2 Admin Professionals

The USDA National Agroforestry Center accomplishes its mission by working.....

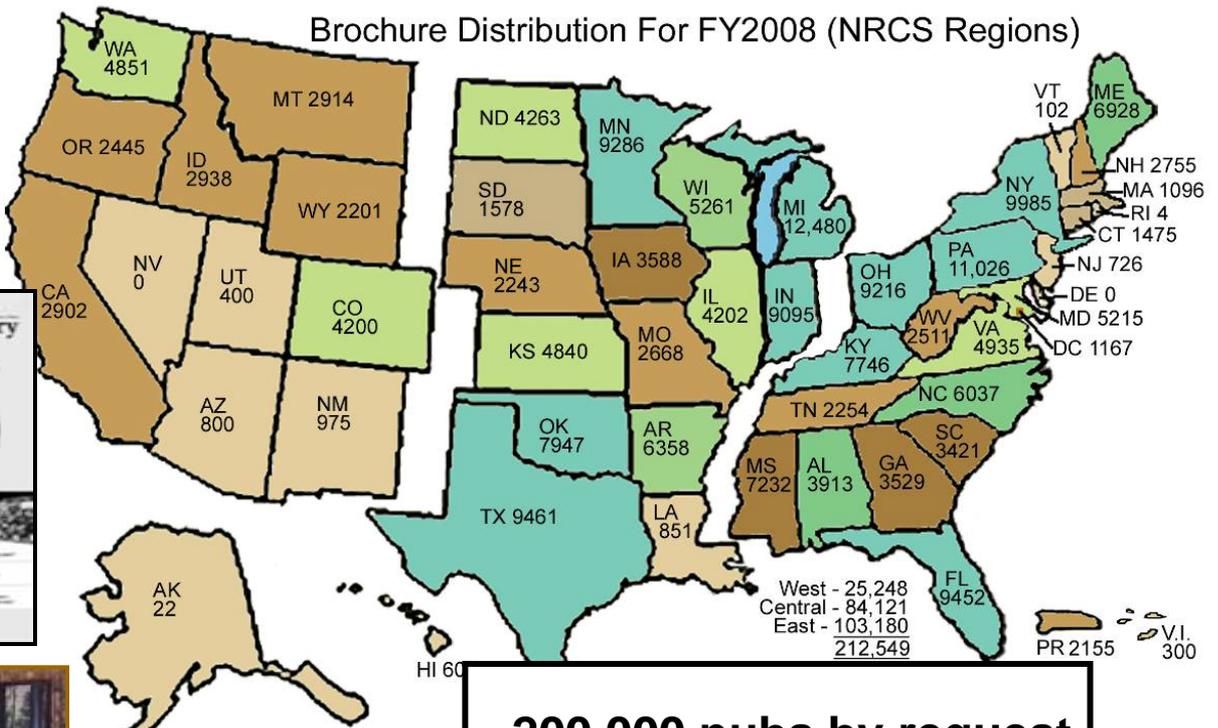
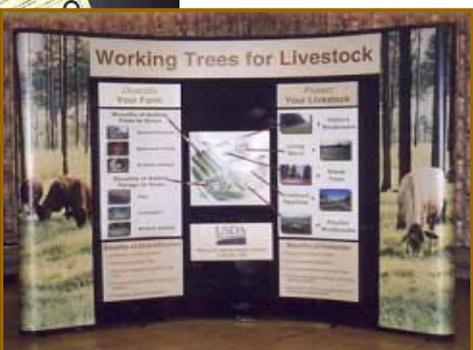
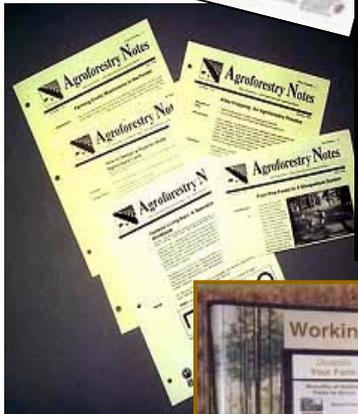
....through a nationwide network/partnership of R&D and TT groups (e.g., universities, state & federal agencies, ngos and innovative landowners).

# USDA FS/NRCS National Agroforestry Center



# Technology Transfer & Applications Program (S&PF and NRCS)

Develops and delivers technology on a broad suite of agroforestry practices to natural resource professionals.



~200,000 pubs by request



## Partnership with SARE

### USDA Sustainable Agriculture Research and Education

1999-2003: NAC has partnered with the SARE program to fund agroforestry projects in the SARE Producer Grant Program.

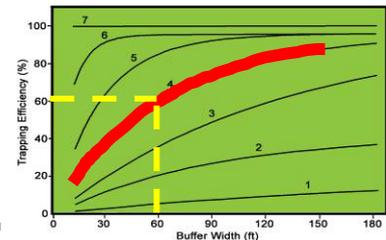


**~ 75 projects funded**

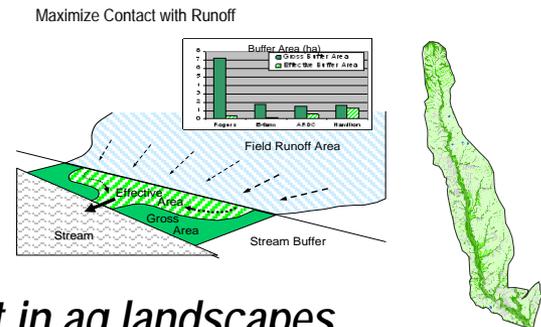
- **Missouri** - *Increasing farm production thru agroforestry*
- **Washington** – *Tilth-agroforestry niche demo project*
- **Puerto Rico** – *Agroforestry practices on family farms*
- **Connecticut** – *Increasing farm profits with American chestnuts*
- **West Virginia** - *Medicinal herb cultivation, mushroom production, & forest restoration*

# Tree-Based Buffers (Lincoln, NE)

## Performance & Placement of Riparian Buffers (Dosskey)



- Roles of riparian forest buffers in WQ improvement & protection
- 'Precision Ag' for conservation, Riparian Width Tool
- *New quantitative tools & technologies for locating & designing effective riparian buffers for WQ improvement in ag landscapes.* (Iowa State University, University of Nebraska, University of Kentucky, New Jersey Institute of Technology)

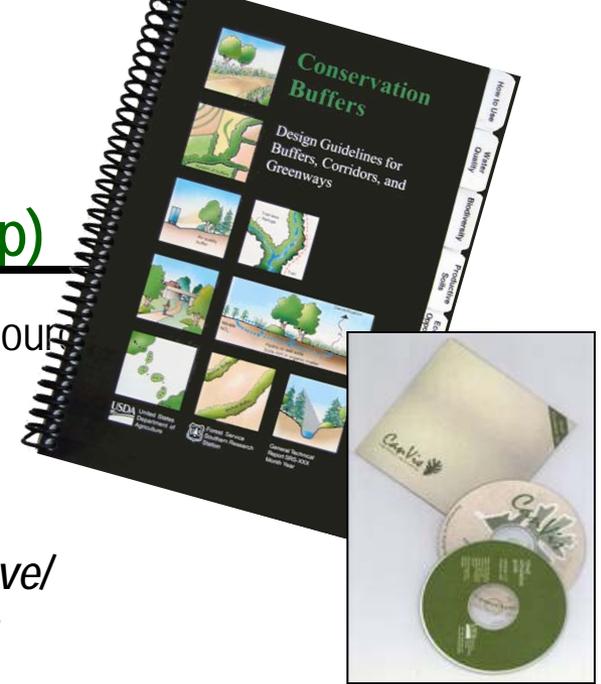


# Tree-Based Buffers (Lincoln, NE)

## Comprehensive Conservation Planning (Bentrap)

- Tools to facilitate site-landscape-regional natural planning
- CanVis, Conservation Buffers Guide
- *Equipping Natural Resource Professionals for Multi-Objective/ Multi-functional Practice & Landscape Design and Planning* (Iowa State University)

resource



## Special Forest Products (Chamberlain) (Blacksburg, VA)

- Sustainable management of special forest products
- NTFP I&E: *botany, ecology, uses, market trends, cultivation & conservation*
- *Improving production of native medicinal plants and other NTFPs through a forest farming network and Landcare* (Virginia Tech, Grayson County Landcare, UGA)



# Visual Simulations



*CanVis~*

