

Peace River Basin BMP Implementation Strategy

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Florida Watershed Restoration Act

- Directs FDACS to Develop Interim Measures and BMPs to Address Agricultural Nonpoint Sources
- If Adopted by Rule and FDEP Verifies BMPs are Effective, then Implementation Provides “Presumption of Compliance” with Applicable State Water Quality Standards
- Directs FDEP to Develop TMDLs and Basin Management Action Plans for Impaired Areas
- Authorizes Cost-Share for Agriculture to Accelerate BMP Installations

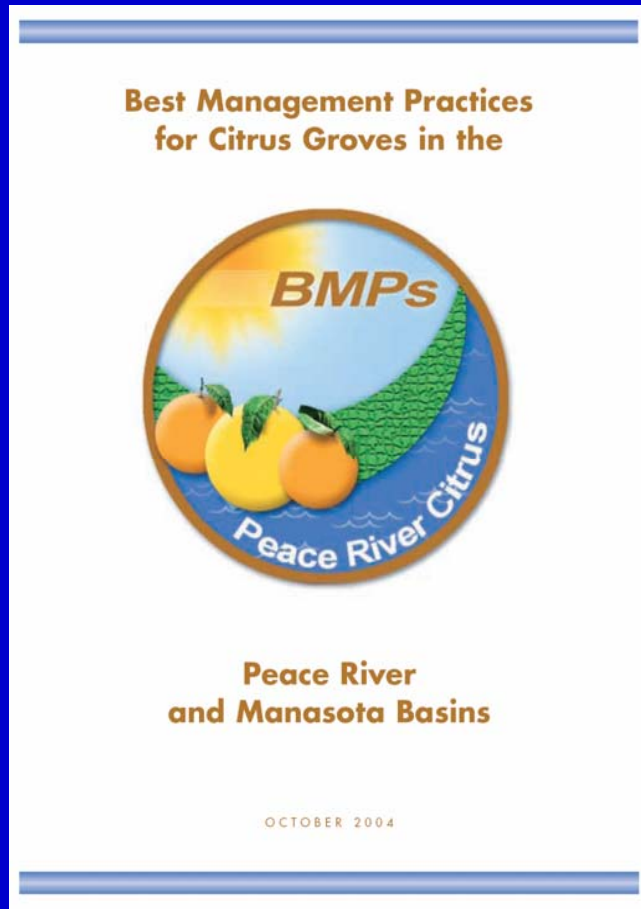
Best Management Practices

“Best management practice” means a practice or combination of practices determined by the coordinating agencies, based on research, field-testing, and expert review, to be the most effective and practicable on-location means, including economic and technological considerations, for improving water quality in agricultural and urban discharges.

Successful Benchmarks of Florida's Agricultural BMP Program

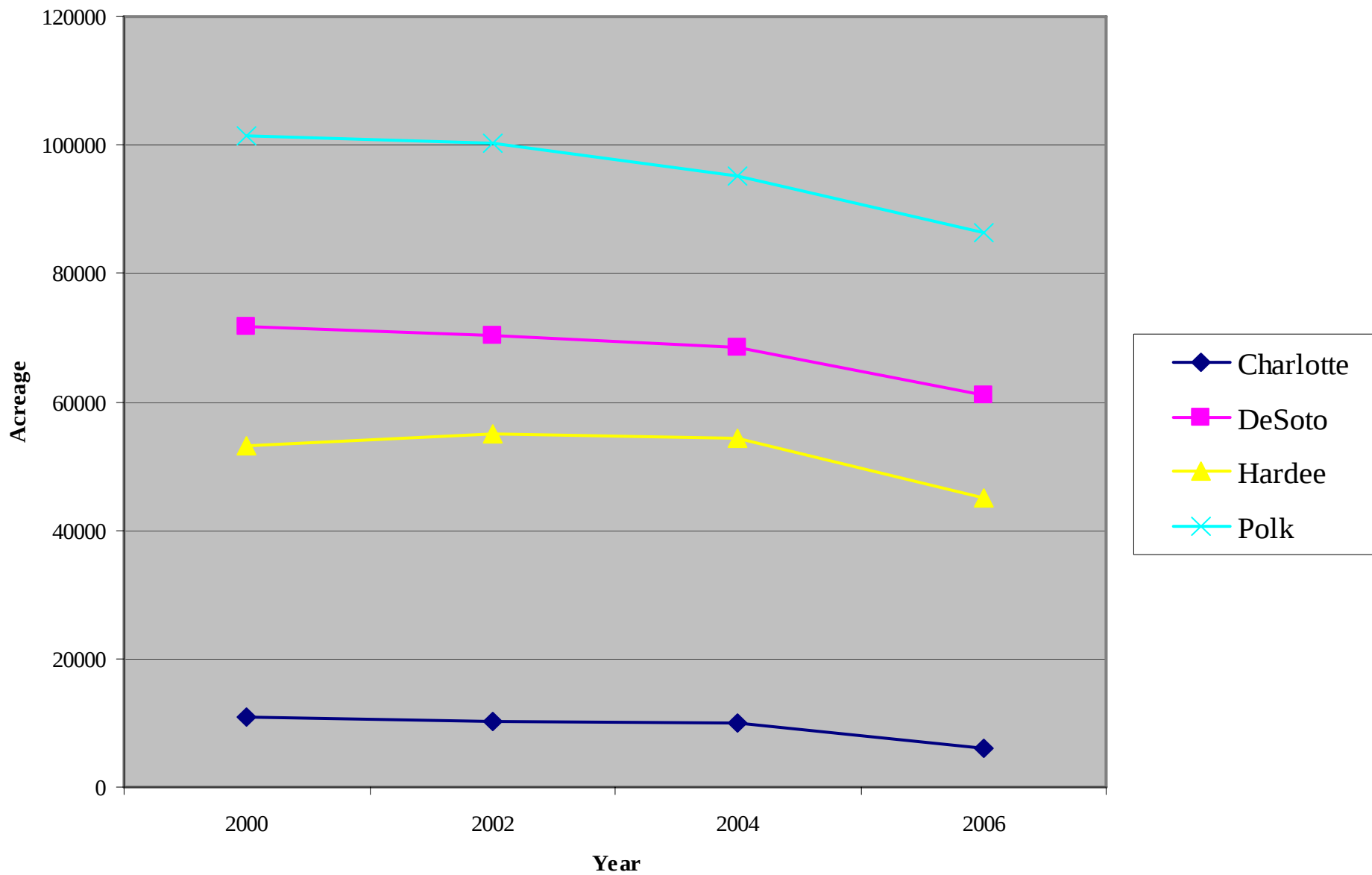
- “Cradle to Grave” Approach
- Collaborative BMP Manual Authorship
- Rule Adoption & Subsequent Cost-Share
- BMP Manual Printing and Distribution
- Bilingual Worker Training/Education
- BMP Effectiveness Verification Studies
- BMP Implementation Teams
- Recordkeeping and BMP Assessment Tool

Key Activities to Date

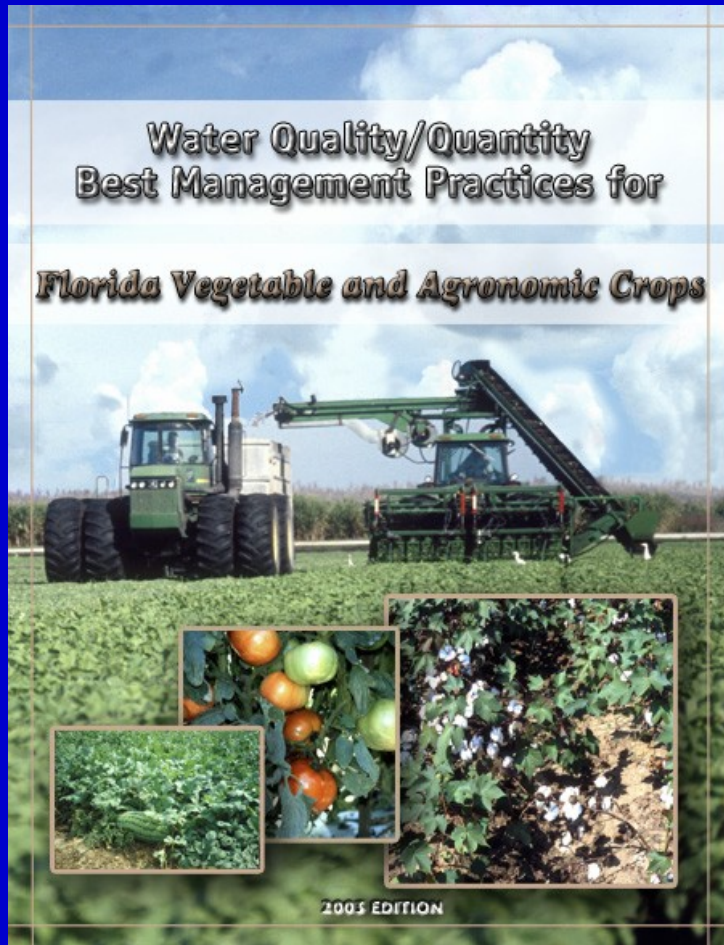


- Manuals printed and distributed
- Rule 5M-5 adopted
- Implementation Team Staff in place
- Regional cost-share via Applicant's Handbook
- NOI Signup Underway

Approximate Citrus Acreage in the Peace River Basin



Key Activities to Date



- Manuals printed and distributed
- Rule 5M-8 adopted
- Statewide Applicability
- Implementation Team staff in place
- Cost-Share available through FARMS Program

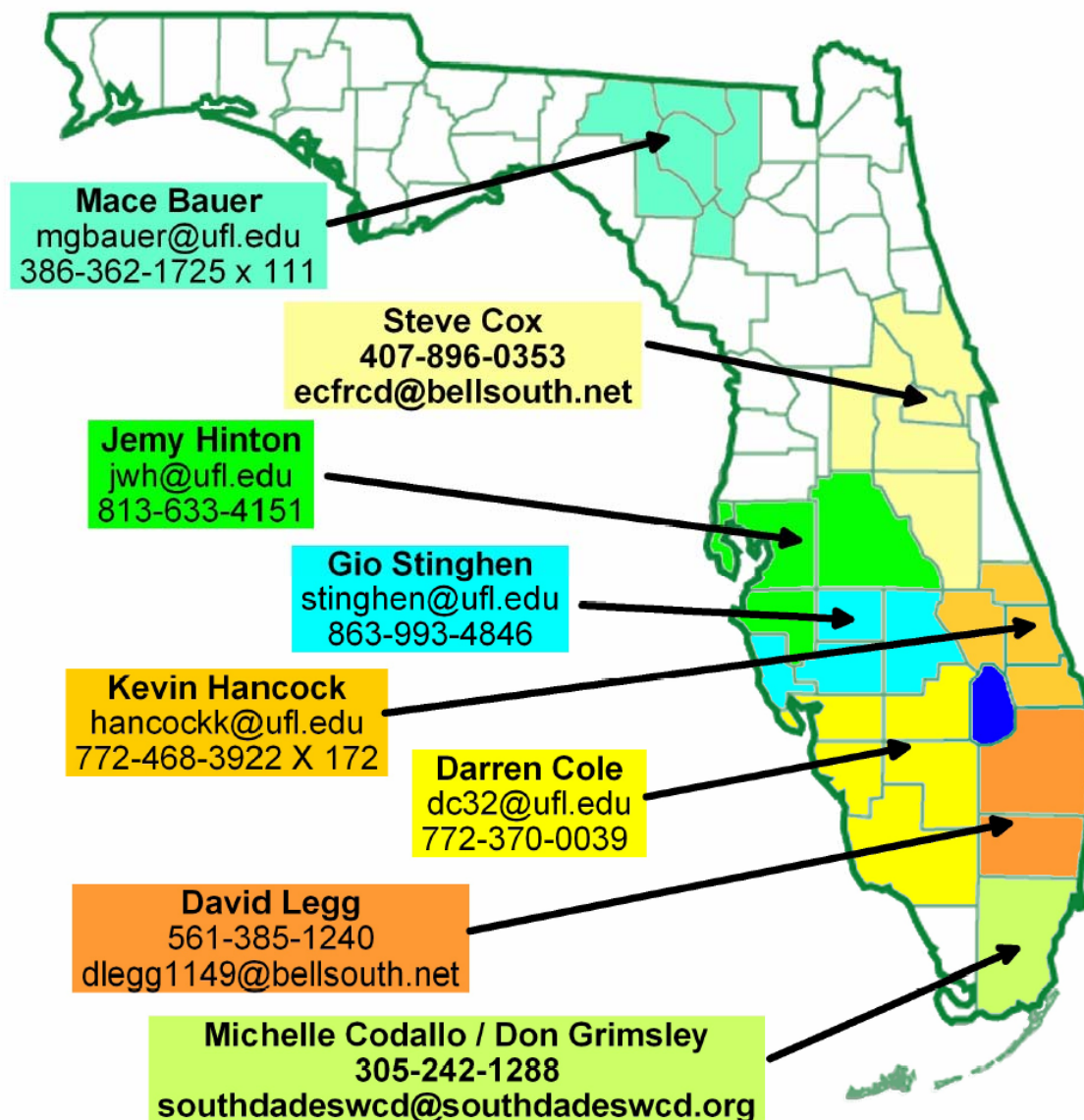
BMP Rule Sections

- Purpose
- Approved BMPs
- Presumption of Compliance
- **Notice of Intent to Implement**
- Recordkeeping

Importance of NOI Form

- NOI Form is key to starting the process
- Declares grower's intent to implement BMPs
- Provides a presumption of compliance with state water quality standards
- Generally a prerequisite to cost-share monies
- Can be filed electronically or sent as hard-copy via mail to Tallahassee office
- Creates mapping (GIS) data for FDACS to generate future reports for BMP coverage by basin

Implementation Teams Coverage



“BMP Endnotes”

- **BMPs = Compliance with TMDL law**
- **Sign-up via Notice of Intent begins implementation process**
- **Help through Implementation Teams, FDACS or UF-Extension**
- **Monetary assistance thru cost-share**
- **BMP manual is a living document**

Web-Based BMP Tracking System

Best Management Practices

BMP Tracking System

Printable Paper Forms

[Container Grown Plants](#)

[Florida Citrus](#)

[Forage Grass](#)

[Indian River](#)

[Leather Leaf Ferns](#)

[Ridge Citrus](#)

[Tri-county](#)

Producer Login

[New Registration](#)

[Change Password](#)

Username:

Password:

Log In

Enter Mapscale:
1: Zoom

NOI #7
Newcomer
Newcomer Ranch
Newcomer Ranch
Improved Pastures

- Okeechobee - Fence a small a
- Okeechobee - Geotextile with
- Okeechobee - Keep feeders 10
- Okeechobee - Maintain docum
- Okeechobee - Maintain records
- Okeechobee - Maintain rotation
- Okeechobee - Sign up for a NF
- Okeechobee- Soil Testing sho

Return to Queue

Distance Mode

Segment:

Total:

Units:

Meters

Map

Text

Context Sensitive Help

Legend

Layers

AGWATER.HOT_POINT

Notes+ Photo+

AGWATER.MARKUP_POINTS

Practice+ Usage+

AGWATER.QA_QC_POINTS

Practice+ Usage+

AGWATER.MARKUP_LINES

Practice-dot Usage-dash

AGWATER.QA_QC_LINES

Practice-dot Usage-dash

AGWATER.MARKUP_POLY

Practice-diagonal Usage-cross

AGWATER.QA_QC_POLY

Practice-diagonal Usage-cross

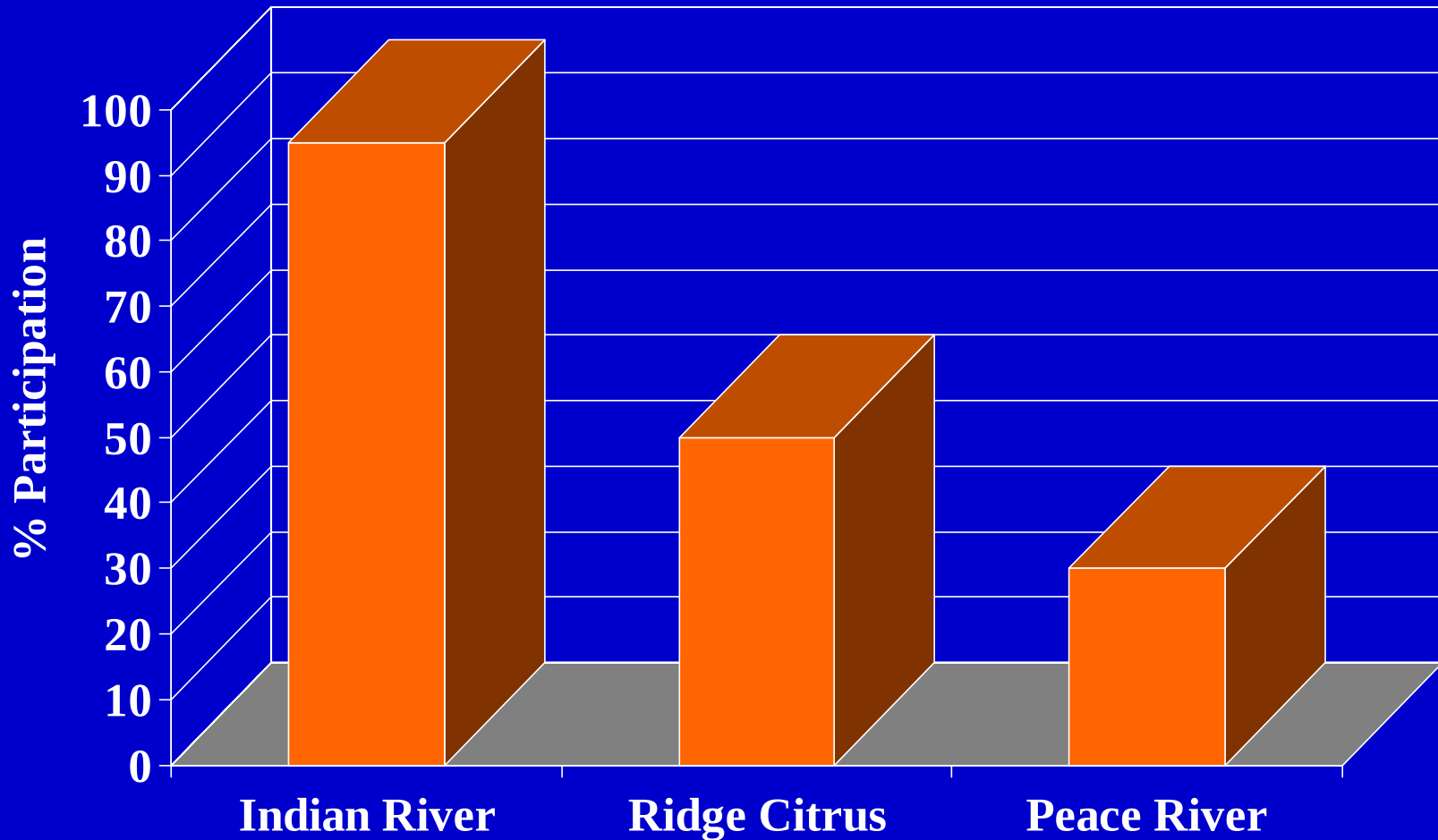
AGWATER.OPERATION_BND

AGWATER.SITE_BND

City Names

Interstates

Citrus BMP Participation Rates



FARMS Program

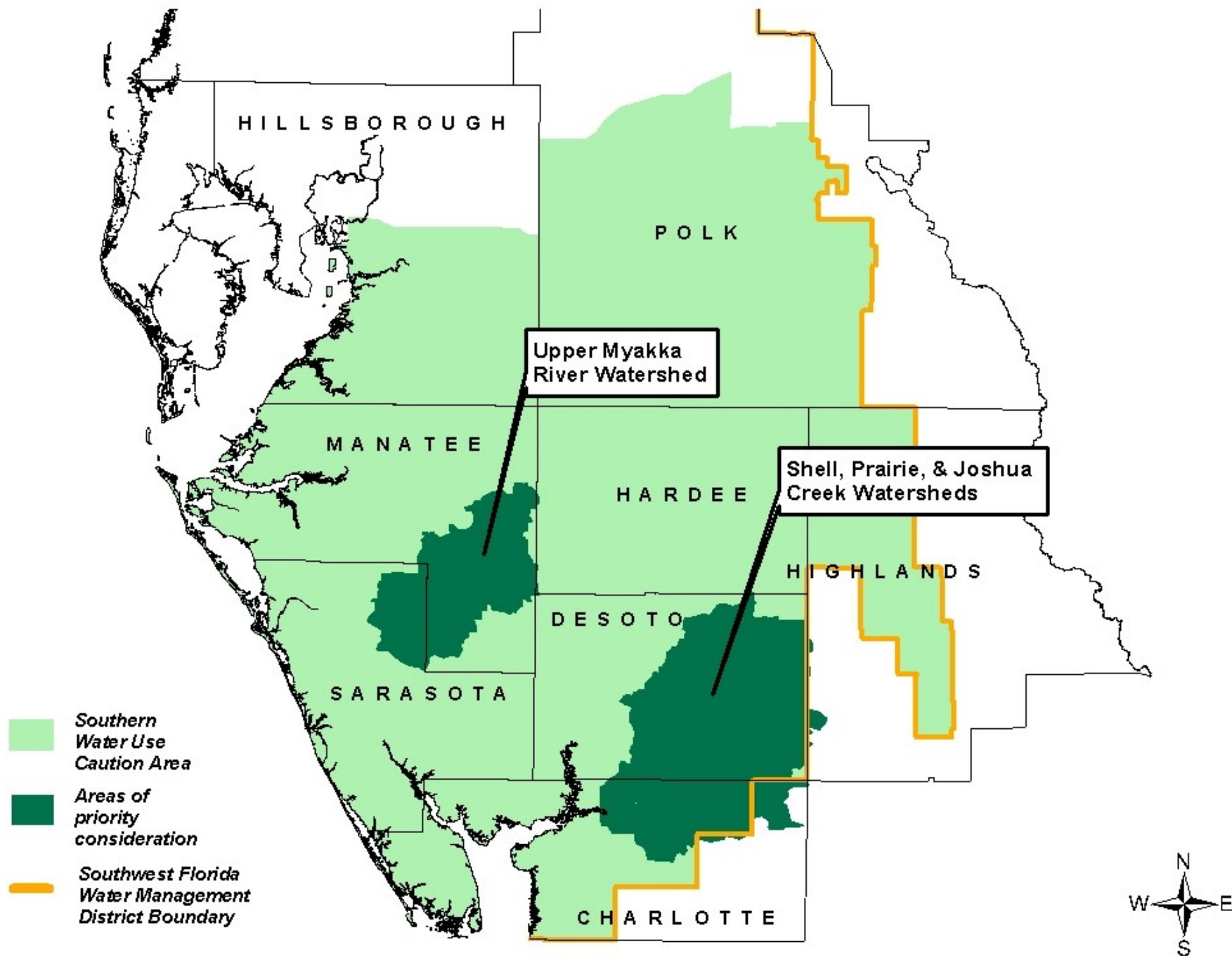


FACILITATING
AGRICULTURAL
RESOURCE
MANAGEMENT
SYSTEMS



FARMS Program Purpose

- **Promote Agricultural BMPs through Cost-Share**
- **Reduce Floridan Aquifer Withdrawals**
- **Improve Water Quality (Well Backplugging)**
- **Conserve and Restore Water Resources and Ecology**
- **Exploit Alternative Irrigation Sources**



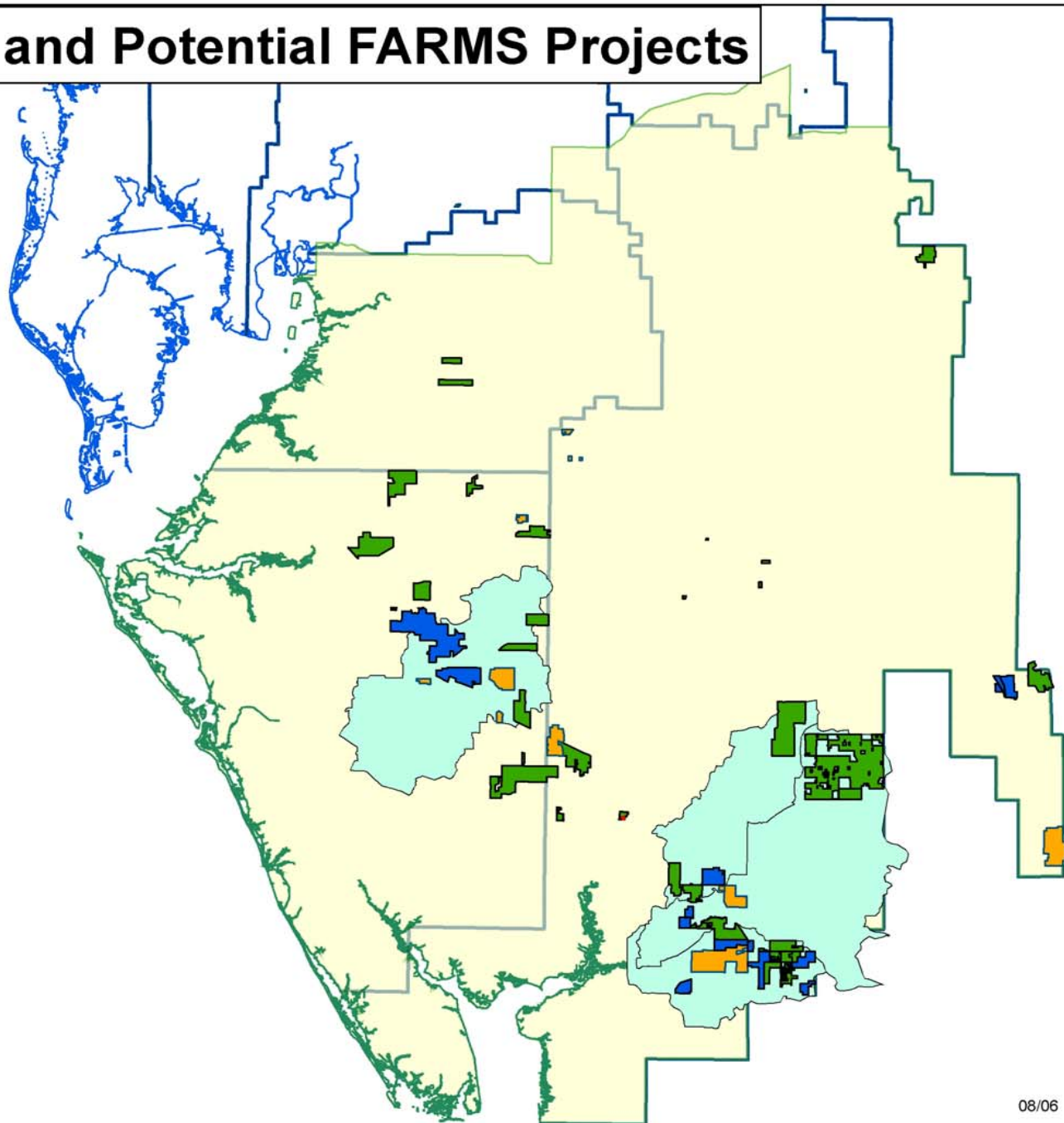
Board Approved and Potential FARMS Projects

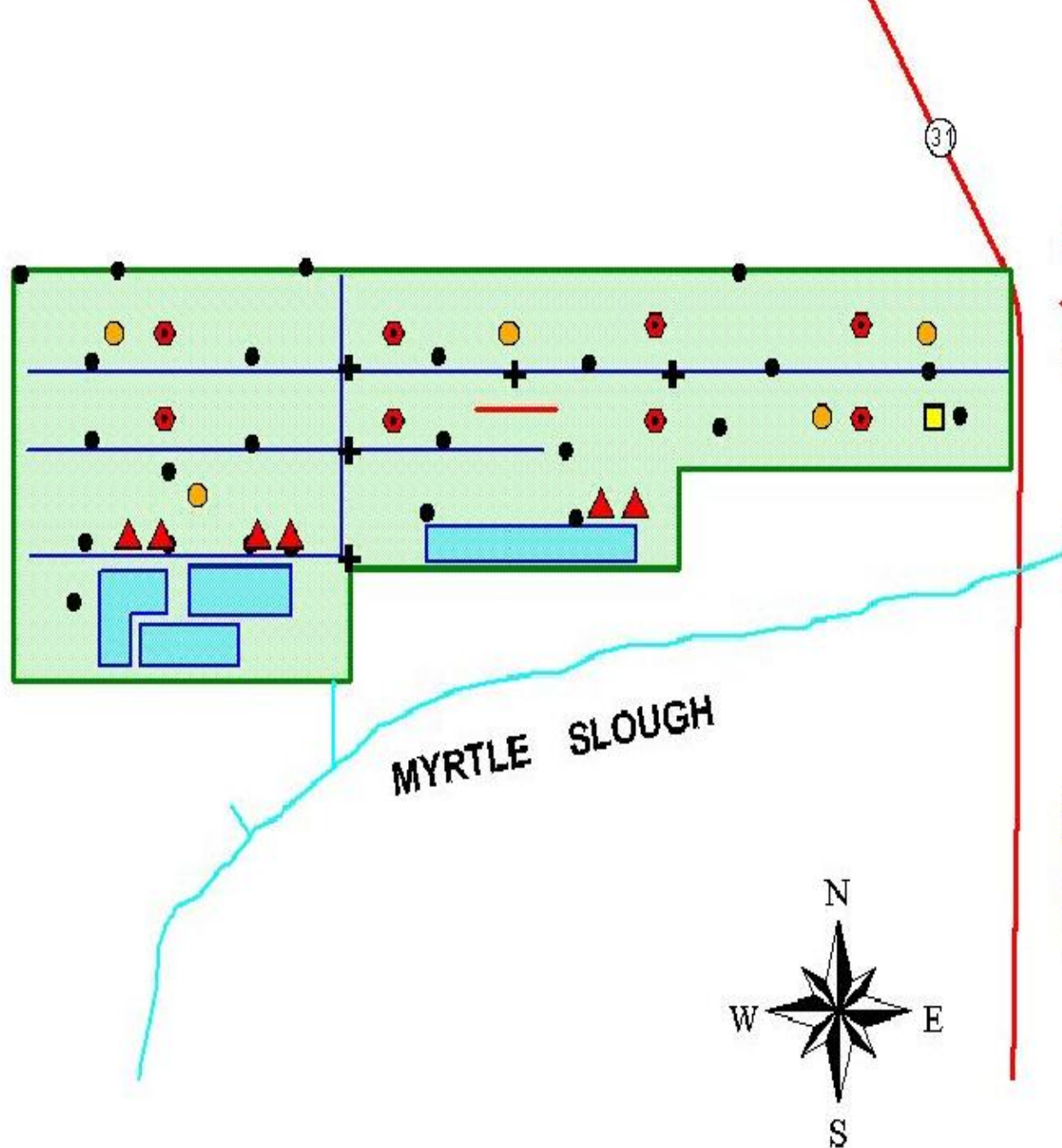


Legend

- FARMS Projects - Operational
- FARMS Projects - Under Construction
- Potential FARMS Projects
- SWUCA Boundary
- Priority Area

0 3 6 12 Miles





PHASE II ELEMENTS

- ▲ 6 Surface Water Filter Elements
- Cross-Connect Pipeline
- 5 Additional Soil Moisture Probes
- 24 Pump Station Autostarts and 70 DC Solenoids
- Computer Control System
- ⬢ Rain Bucket Switches
- + Control Structure Riser Boards

EXISTING ELEMENTS

- Irrigation Reservoirs
- Property Boundary
- Internal Ditch System



Thank You