

Performance Measures for FY 2024/2025

PROGRAM & DESCRIPTION

GOALS & OBJECTIVES

PERFORMANCE MEASURES

Ag Mobile Irrigation Lab

Enhance water quality standards and promote conservation by offering irrigation expertise to agricultural growers. Our experts will analyze the grower's irrigation system and provide guidance on ways to improve efficiency. We will provide at no cost, irrigation evaluations, design assistance, best management practice (BMP) recommendations, and cost-share guidance.

OBJECTIVE: Provide growers with recommendations for irrigation to conserve water.

Track water usage data and site visits in a web-based data management system that will calculate actual water savings.

GOALS: Service a minimum of 264 sites

Save a minimum of 90 million gallons of water per year

Perform follow-up evals on 5% of sites

Ag Reserve

The District covers 2,188 acres of County-owned farms and nurseries within the Agricultural Reserve, where crops like bell peppers, green beans, cucumbers, squash, and ornamental plants flourish. To ensure compliance with Best Management Practices (BMPs), our team conducts field visits to monitor these operations, documenting activities with detailed descriptions and photographs. This monitoring helps maintain agricultural integrity and identify areas needing improvement.

OBJECTIVE: Safeguard the integrity of agricultural operations and ensure that proper practices are conducted in the form of BMPs.

Conduct regular monitoring to ensure a minimum of 80% compliance rate with BMPs and document with photos and reports.

GOALS: Conduct 8 field visits to farms/nurseries.

Documentation accuracy with photo records and activity logs

Prepare 3 quarterly reports

Prepare 1 annual report

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Urban Irrigation Program

Provide the City of West Palm Beach's residential customers with a complimentary service aimed at conserving water, while concurrently fostering a healthy landscape and minimizing runoff. Eligible customers will receive an irrigation evaluation to assess the system's functionality and highlight areas for improvement, followed with a summarizing report with suggestions.

OBJECTIVE: Educate homeowners on conserving water and reducing runoff through their irrigation practices.

GOALS: Service 60 Customers
Conduct 60 Evaluations
Save 1.6 Million gallons of water annually

Partner with the City of West Palm Beach to create a program that will provide their residential customers with a complimentary service aimed at helping them save water and reduce runoff through their irrigation system.

USDA/NRCS Local Working Group

Coordinate a meeting with a diverse group with agricultural and environmental interests to provide USDA with information on local conservation needs, resource concerns, priorities, and recommendations regarding existing USDA programs.

OBJECTIVE: Provide USDA with a list of local conservation needs and rank local priorities for USDA Programs

GOALS: Conduct & facilitate the LWG meeting and increase number of recommendations annually
Prepare meeting minutes describing outcomes and recommendations and submit information to USDA/NRCS

Identify atleast 6 conservation needs, local priorities and natural resource concerns.

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Nursery Overhead Efficiency Project

Offer a free program to nursery growers across five counties, extending from Port St. Lucie to Miami-Dade. Our Irrigation Specialistts will replace less efficient irrigation heads with more advanced mini wobbler heads.

OBJECTIVE: Mitigate natural resource concerns by reducing water usage and enhancing water quality through decreased runoff.

GOALS: Replace 7000 Irrigation heads
Supply and install 7000 mini-wobbler heads

Provide service to a minimum of 20 nurseries

Save 40 million gallons of water annually

By utilizing the South Florida Water Management data, we will tabulate and calculate water savings, the number of irrigation heads, and the number of nurseries serviced. This approach will ensure we maximize our resources and promote sustainability

Outreach

OBJECTIVE: Work with NRCS Soil Conservationist to introduce them to local growers. GOAL: Increase cost share applications

Increased number of applications from previous year

OBJECTIVE: Increase awareness for MIL programs. GOAL: Give presentations on Irrigation programs (Urban and/or Ag) to local agencies and organizations

Increased number of people signing up for the MIL programs.

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OBJECTIVE: Increase awareness for District programs and local agriculture. GOAL: Provide conservation education at the South Florida Fair to the public and assist with the produce market

Engagement rate/interatctions with fair attendees

OBJECTIVE: Increase awareness for District and NRCS programs. GOAL: Work with local Farm Bureaus to provide program information and conservation education at local events, such as the Sweet Corn Fiesta

Engagement rate/interatctions with attendees

OBJECTIVE: Increase promotion of NRCS program information to growers. GOAL: Work with groups such as ManoYola on outreach to (Hispanic) landowners

Increased number of applications

OBJECTIVE: Program awareness. GOAL: Utilize District website to advertise program information

Increased website traffic

Irrigation Design Assistance

The District collaborates with NRCS engineers to create customized irrigation system designs for growers, ensuring efficient water management and adherence to regulatory standards.

OBJECTIVE: Assist NRCS engineers with irrigation system designs for growers

Target values as mentioned in Goals & Objectives and record through NRCS specifications

GOALS: Assist with at least 5 irrigation designs for water management

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Assist NRCS with design approvals
prior to installation
Assist with completion checkout to
verify the system meets NRCS
standards

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