



# GREEN INDUSTRIES BMPS

## Improving Florida's Water and Natural Resources

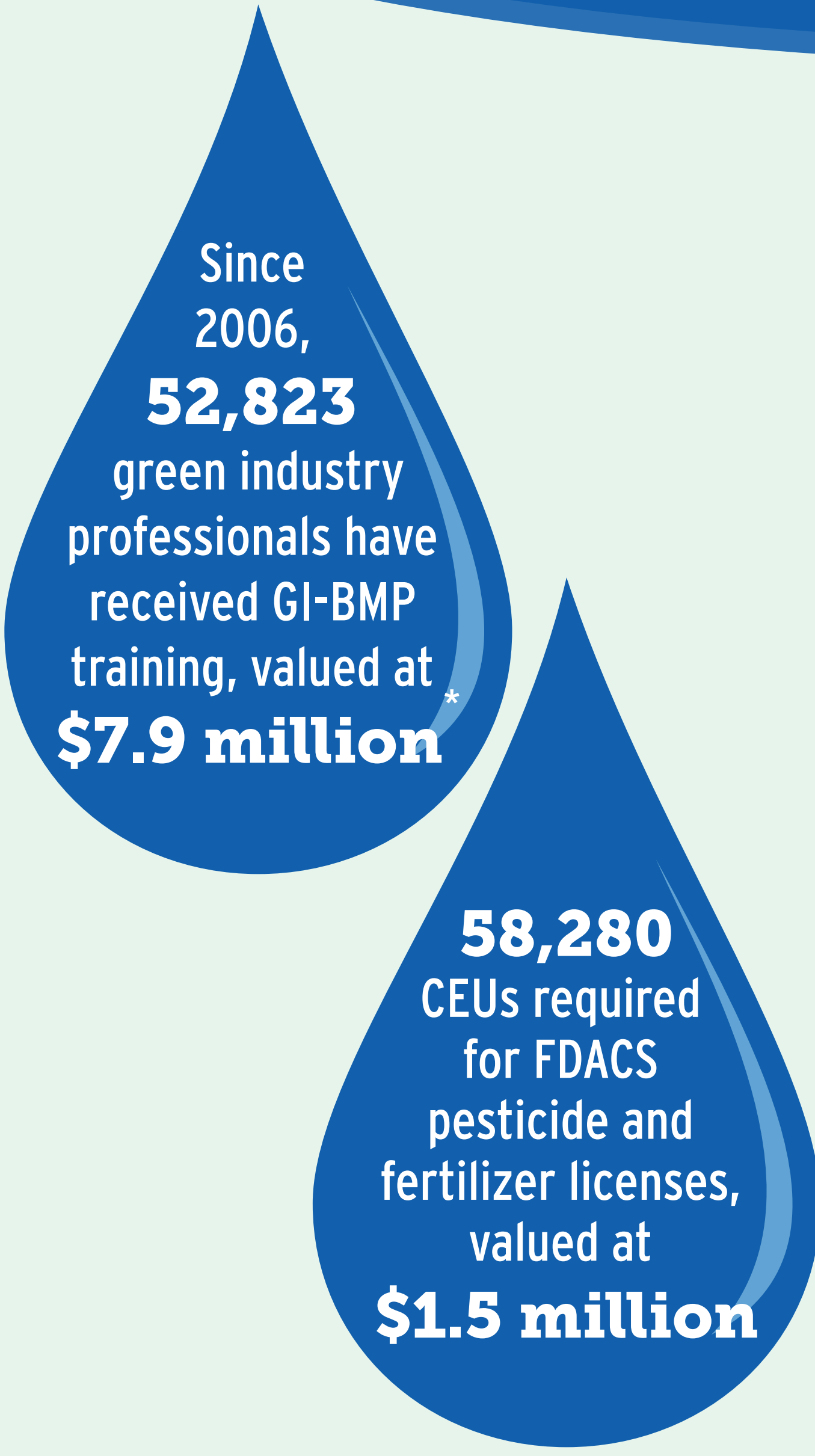


**Florida-Friendly Landscaping™ Green Industries Best Management Practices (GI-BMP) training program is a partnership between the Florida Department of Environmental Protection and UF/IFAS Extension to provide science-based information and techniques to urban landscape maintenance professionals. Classes, offered in English, Spanish, and Haitian-Creole, are taught by 400 certified instructors from UF/IFAS Extension, industry, government agencies and other volunteers.**

GI-BMP training promotes behaviors and practices that

### conserve water and reduce pollutants

from urban landscapes making their way into Florida's canals, lakes, rivers, springs, aquifers and wetlands



#### Adopting Best Practices

**93-99%** of GI-BMP training participants are using best practices for irrigation, maintenance, fertilization, and pesticide application on a regular basis†

**28%** average increase in **ALWAYS** using the following practices:

- Apply no more than 1/2 - 3/4" water per irrigation event saving an estimated 25-50% of water, according to UF/IFAS research
- Avoid mulching around tree trunks and shrub bases
- Reset irrigation controls/timers seasonally
- Reduce fertilizer application
- Use IPM to determine pest control methods

#### Adoption of new technologies

**73%** use soil tests to determine fertilization needs

**84%** use soil moisture or other sensing devices to ensure effective water use

#### Leveraging Extension

**90-94%** of participants share what they learn in GI-BMP training with their clients and coworkers

\*Estimated at \$25 value per hour (based on cost per hour of comparable professional training) + 6 hours of GI-BMP training = \$150; 52,823 x \$150 = \$7.9 m

†Note: All behavior change percentages based on participant evaluations conducted six months after training program.