

What Do They Know?

A Quantitative Survey Seeking to Understand Florida Producers' Knowledge of State Regulatory Best Management Practice (BMP) Program

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Introduction

The Clean Waterways Act (SB 712) created key changes to the Florida Department of Consumer Services Office of Water Policy (FDACS OAWP)'s Best Management Practice (BMP) program.

Purpose & Methodology

- Identify producers' objective knowledge of Florida's regulatory BMP program.
- Determine how producers' trusted sources of information, income, and use of BMP manuals impacted their objective knowledge of this program.
- A total of 541 survey responses were collected via Qualtrics between January 13 - April 4, 2021 using a census sample of Florida producers registered with FDACS OAWP.

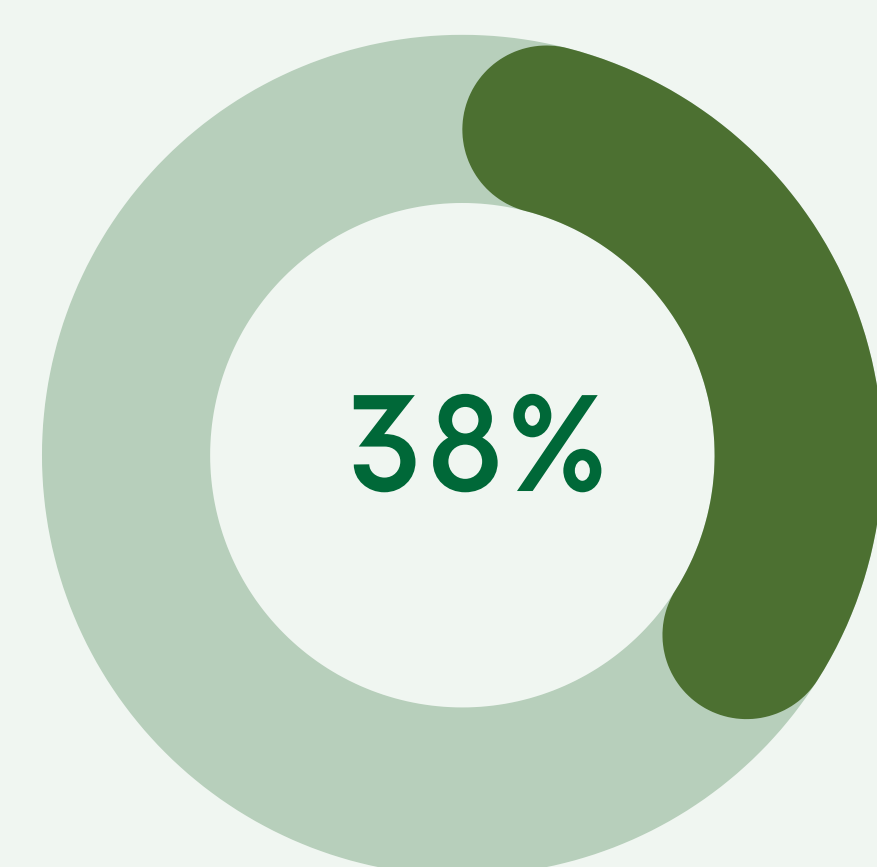
Results



Producer Knowledge

The average knowledge score in this study was 6.10 (SD = 2.68) out of 14 possible points. No participant answered every knowledge question correctly.

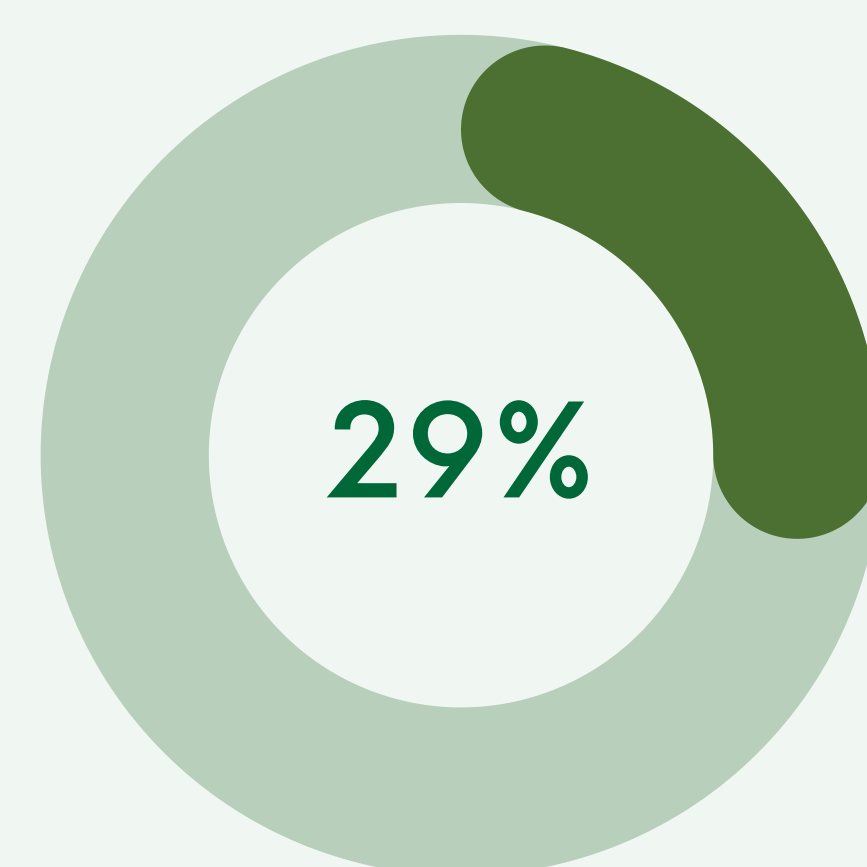
Producers correctly identified the following FDACS OAWP program components:



How often implementation verification (IV) visits would occur
(n = 204)



Nutrient records are subject to a public records exemption
(n = 163)



How long nutrient records must be maintained
(n = 156)



Relationship Between Variables

Statistically significant relationships between BMP manual use, income, and objective knowledge were found (Table 1).

Table 1

Relationship Between Objective Knowledge and Sources of Information, Income, and BMP manual use

Item	r	p	Strength of Relationship
Extent of BMP manual use	.30	<.001	Moderate
Income	.16	<.001	Low

Strength of relationships (Davis, 1971): .01 - .09 = Negligible, .10 - .29 = Low, .30 - .49 = Moderate, .50 - .69 = Substantial, > .70 = Very strong.

There was no statistically significant relationship between sources of BMP information and objective knowledge.