

Florida Department of Agriculture and Consumer Services (FDACS) Update

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FDACS

Office of Agricultural Water Policy (OAWP)

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Presentation Overview

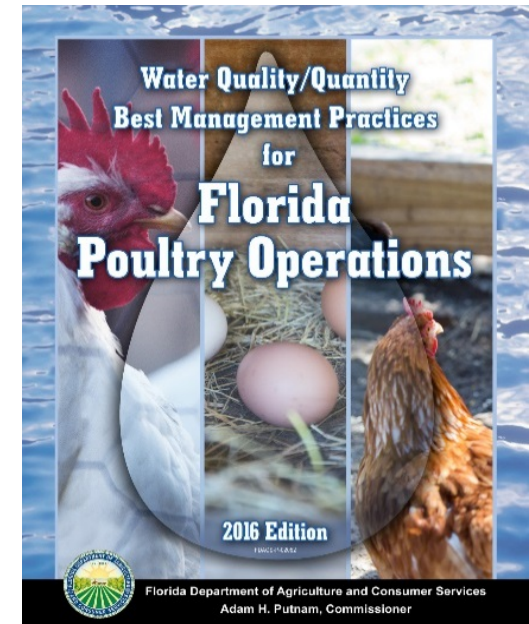
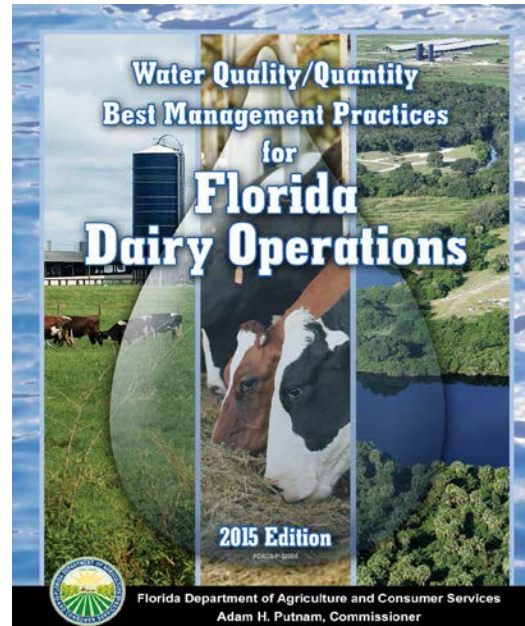
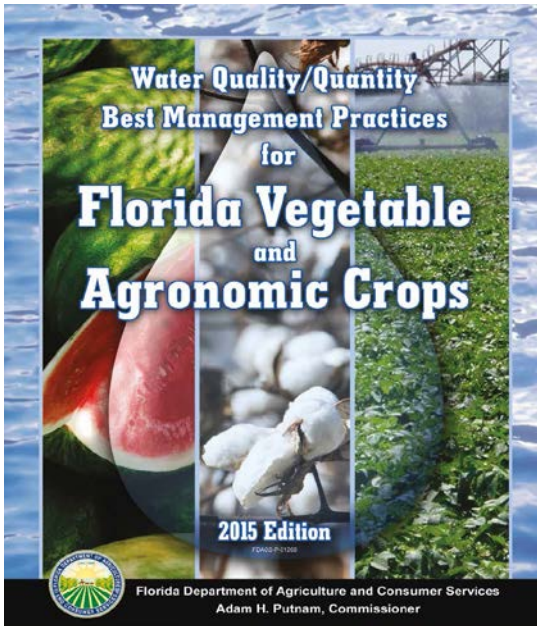
- Agricultural Best Management Practices (BMP) Program Update
- BMP Program Enrollment Update
- Northern Sub-watershed Agricultural Land Use Update
- Northern Sub-watershed Compliance Assistance Update
- Cost-Share Update
- Implementation Assurance (IA) Program Update



Agricultural BMP Program Update



Agricultural BMP Manual Update



BMP Program Enrollment Update

Northern Sub-watersheds

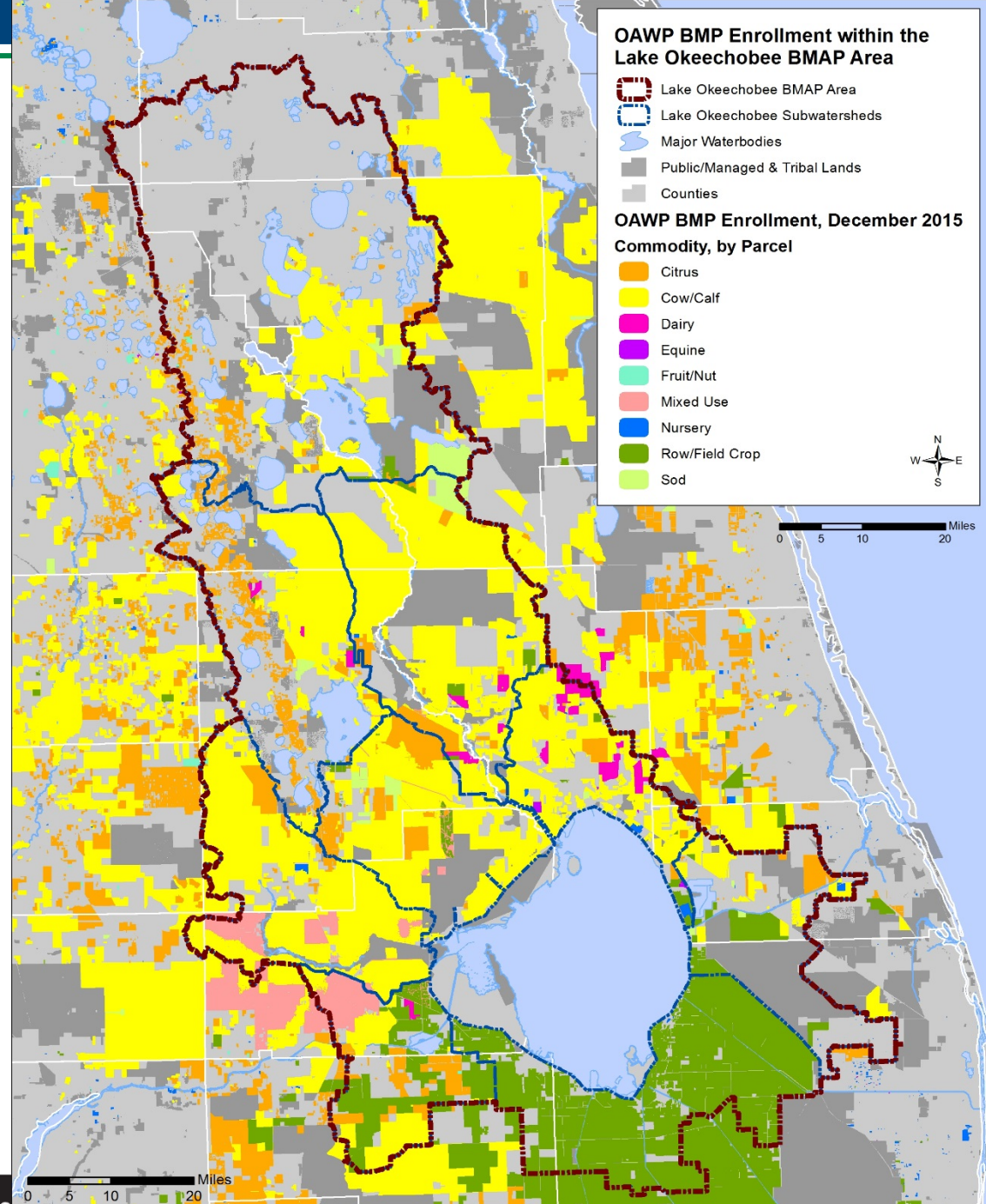
Southern Sub-watersheds



Lake Okeechobee BMP Enrollment as of December 31, 2015



Florida Department of Agriculture and Consumer Services



Disclaimer: This map/information represents an estimate of the amount and/or location of agricultural acreage enrolled in FDACS/OAWP BMP programs for specific commodities and/or regions of the state. It is not binding, and does not otherwise affect the interests of any persons, including any vested rights or existing uses of real property. The accuracy and reliability of this map/information are not guaranteed, and are affected by continual changes in land use, crop production, and other socioeconomic factors.

Fisheating Creek Sub-watershed BMP Enrollment as of December 31, 2015

CATEGORY	ACRES
Total 2009 Acres	174,547.80
Acreage Enrolled as of December 31, 2008 ¹	26,307.32
Acreage Enrolled January 1, 2009–December 31, 2015 ¹	118,764.80
Total Acreage Enrolled (as of December 31, 2015)	145,072.12
Remaining Acres To Enroll	29,475.68



Indian Prairie Sub-watershed BMP Enrollment as of December 31, 2015

CATEGORY	ACRES
Total 2009 Acres	218,170.3
Acreage Enrolled as of December 31, 2008 ¹	8,100.4
Acreage Enrolled January 1, 2009-December 31, 2015 ¹	154,562.1
Total Acreage Enrolled (as of December 31, 2015)	162,662.5
Remaining Acres To Enroll	55,507.8



Lake Istokpoga Sub-watershed BMP Enrollment as of December 31, 2015

CATEGORY	ACRES
Total 2009 Acres	130,577.2
Acreage Enrolled as of December 31, 2008 ¹	25,137.1
Acreage Enrolled January 1, 2009-December 31, 2015 ¹	71,306.2
Total Acreage Enrolled (as of December 31, 2015)	96,443.3
Remaining Acres To Enroll	34,133.9***



Lower Kissimmee Sub-watershed BMP Enrollment as of December 31, 2015

CATEGORY	ACRES
Total 2009 Acres	216,259.1
Acreage Enrolled as of December 31, 2008 ¹	80,488.2
Acreage Enrolled January 1, 2009-December 31, 2015 ¹	82,862.0
Total Acreage Enrolled (as of December 31, 2015)	163,350.2
Remaining Acres To Enroll	52,908.9



Taylor Creek/Nubbin Slough Sub-watershed BMP Enrollment as of December 31, 2015

CATEGORY	ACRES
Total 2009 Acres	140,906.5
Acreage Enrolled as of December 31, 2008 ¹	46,032.6
Acreage Enrolled January 1, 2009-December 31, 2015 ¹	66,622.3
Total Acreage Enrolled (as of December 31, 2015)	112,655.0
Remaining Acres To Enroll	28,251.5



Upper Kissimmee Sub-watershed BMP Enrollment as of December 31, 2015

CATEGORY	ACRES
Total 2009 Acres	271,097.60
Acreage Enrolled as of December 31, 2008 ¹	14,031.11
Acreage Enrolled January 1, 2009-December 31, 2015 ¹	107,165.21
Total Acreage Enrolled (as of December 31, 2015)	121,196.32
Remaining Acres To Enroll	149,901.27



Northern Sub-watershed Agricultural Land Use Update



Northern Sub-watershed Agricultural Land Use Update

- Completed sub-watersheds:
 - Taylor Creek/Nubbin Slough
 - Indian Prairie
 - Fisheating Creek
- Remaining sub-watersheds:
 - Lake Istokpoga (in progress)
 - Upper Kissimmee
 - Lower Kissimmee



Northern Sub-watershed Agricultural Land Use Update

Taylor Creek/Nubbin Slough Sub-watershed

LAND USE CHANGE TYPE	ACREAGE SUM
Barren to Agriculture	64.00
Change in Agriculture Type/Commodity	19,662.05
Change to 'Other Agriculture'	3,562.76
Rangeland to Agriculture	869.52
Transport/Utilities to Agriculture	0.00
Upland Forest to Agriculture	44.94
Urban to Agriculture	524.72
Water to Agriculture	11.06
Wetland to Agriculture	279.59
Grand Total	25,018.64



Northern Sub-watershed Compliance Assistance Updates



Northern Sub-watershed Compliance Assistance Updates

- Ongoing efforts in:
 - Taylor Creek/Nubbin Slough Sub-watershed
 - Indian Prairie Sub-watershed
 - Fisheating Creek Sub-watershed—upcoming
- Remaining sub-watersheds:
 - Lake Istokpoga
 - Upper Kissimmee
 - Lower Kissimmee



Cost-Share Updates



Cost-Share Updates

- Two solicitations for dairy proposals
 - Fall 2014→Seven projects (\$3,043,873.00)
 - Three stormwater improvement projects
 - Construction of waste management systems for three new free stall barns
 - Installation of seepage interceptor system
 - Fall 2015→Four projects (\$2,750,451.88)
 - One stormwater improvement project
 - Construction of waste management systems for seven new free stall barns
 - Construction of sand lane for waste management system



Cost-Share Review

- Objectives:
 - Gather information on key cost-share BMPs to conduct analysis of total phosphorus (TP) and total nitrogen (TN) efficiencies and storage capacity of common cost-share practices.
 - Develop standard methodology and calculate TP and TN treatment efficiencies and storage capacities.



IA Program Update



IA Program Revisions

- Efforts commenced to revise and restructure in late 2014.
- Revisions to program required by Chapter 2016-1, Laws of Florida.
- Follow-up program after BMP enrollment.
- Builds on existing IA Program.



IA Program Purpose

- Document implementation of BMPs.
- Produce meaningful reports on implementation extent and progress, particularly in basin management action plan (BMAP) areas.
- Provide the basis for determination of implementation status.
- Inform research priorities, opportunities for technical assistance, cost-share focal points, and the BMP review/revision process.



BMP/IA Program Activity

- Internal working groups
 - IA criteria development and standardization
 - Data systems
 - Program document and rule development
- Stakeholder outreach/presentations
- BMP Program
 - Continued cycle of review and update.
 - Revision of cost-share guidance to incentivize technologies.
 - Renewal of Research Coordinating Committee.



Conclusion

- Agricultural BMP Program Update
- BMP Program Enrollment Update
- Northern Sub-watershed Agricultural Land Use Update
- Northern Sub-watershed Compliance Assistance Update
- Cost-Share Update
- IA Program Update



Thank You!

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