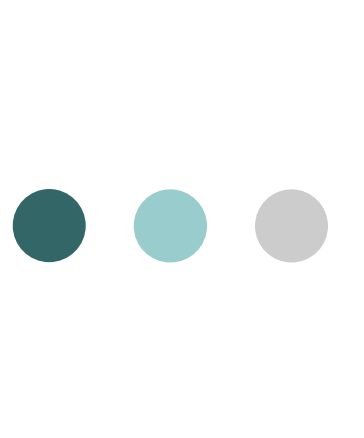


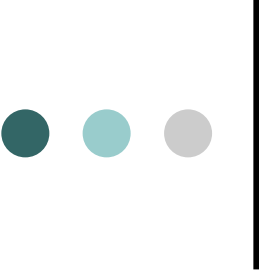


Agricultural BMPs

Efforts to Protect Water Quality

DACS Office of Agricultural Water Policy

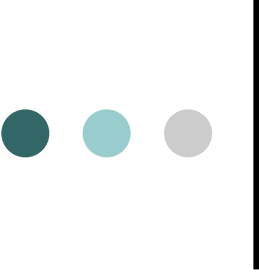
11/29/07



Statewide Ag BMP Programs

(Office of Agricultural Water Policy)

- Container Nursery
 - *To be revised to include in-ground nurseries*
- Vegetable and Agronomic Crop
- Sod (February 2008)
- Cow/Calf (Spring/Summer 2008)
- Equine (Spring/Summer 2008)



Statewide Ag BMP Programs

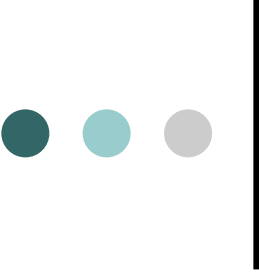
- Aquaculture (Division of Aquaculture)
- Silviculture (Division of Forestry)



Region-Specific Ag BMP Programs

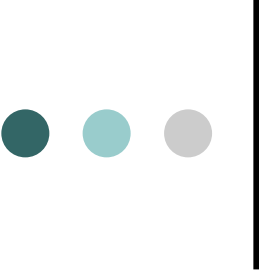
(Office of Agricultural Water Policy)

- Gulf Citrus
- Peace River Citrus
- Ridge Citrus
- Indian River Citrus
- Lake Okeechobee Watershed
- Suwannee River Partnership



Agriculture in the Lake Jesup Basin

- Sod
- Nurseries
- Citrus
- Cow/Calf



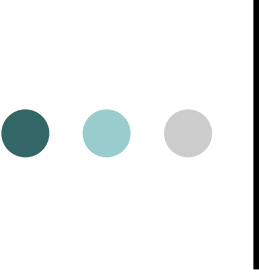
Key Sod BMPs

- **Nutrient Management**

- Soil and Tissue Testing
- Reduced fertilizer application
- Controlled-release, slow-release fertilizers
- Fertigation

- **Irrigation Management**

- Soil moisture devices
- Irrigation retrofits
- Scheduling
- Record Keeping



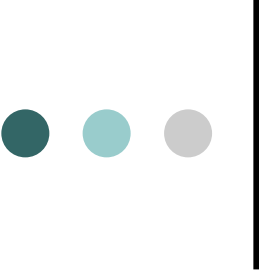
Key Sod BMPs

- **Sediment and Erosion Control**

- Silt Screens
- Filter Strips
- Catchment Basins
- Soil Amendments

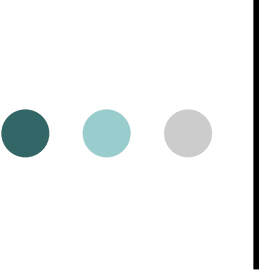
- **Wetlands and Springs Protection**

- Upland Buffers
- Nutrient Management
- Erosion Control



Key Nursery BMPs

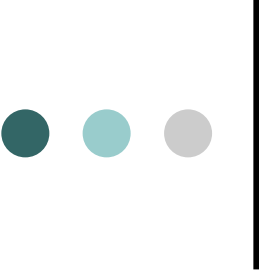
- Nursery layout
- Container Substrate and Planting Practices
- Fertilization Management
- Container Substrate Nutrient Monitoring
- Irrigation Water Quality
- Irrigation Application
- Erosion Control and Runoff Management
- Waste Management



Ag BMP Manuals/Rules

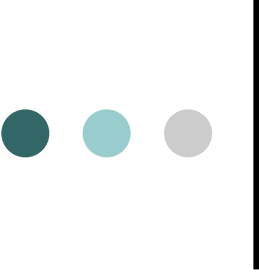
Visit:

[http://www.floridaagwaterpolicy.com/
BestManagementPractices.html](http://www.floridaagwaterpolicy.com/BestManagementPractices.html)



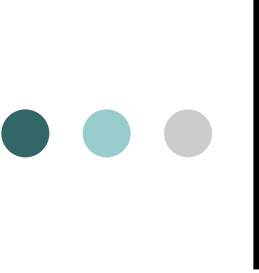
Ag BMP Enforcement

- Ag producers in a basin with an adopted BMAP must implement DACS-adopted BMPs or conduct monitoring prescribed by DEP or the applicable WMD.
- DEP or the WMD may take enforcement action if neither BMPs nor monitoring are implemented.



BMP Education and Outreach

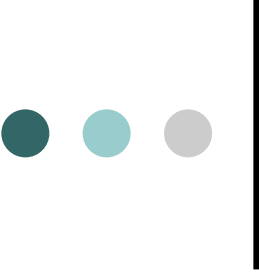
- DACS field staff and implementation teams will help producers enroll in BMP programs and implement BMPs properly.
- Cost share may be available through DACS and/or other agencies for certain BMPs.
- DACS will follow up on BMP implementation through surveys and site visits.



DACS Urban Fertilizer Rule

http://www.flaes.org/pdf/Urban_turf_fact_sheet.pdf

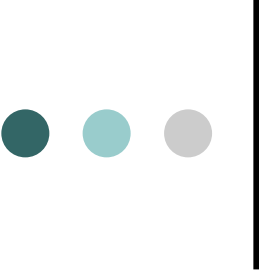
- A labeling law, effective 12/31/07. Label changes required by 7/1/09.
- Limits N and P in fertilizer products to the amount needed to support healthy turf maintenance.
- Restricts application rates through use directions on label.
- Products for use by homeowners, sports facilities, and lawn maintenance companies must be labeled consistent with the rule.
- Does not apply to products used for landscape and ornamental applications.



DACS Urban Fertilizer Rule

http://www.flaes.org/pdf/Urban_turf_fact_sheet.pdf

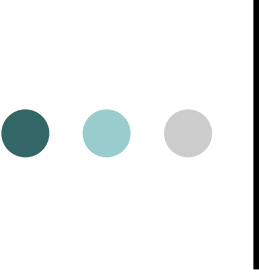
- DACS will test fertilizer products for compliance with the rule.
- DACS will participate in outreach/education, but the fertilizer industry will take the lead. Local government will likely play a key role via ordinances and education.
- Industry waiting on recommendations of the Consumer Fertilizer Task Force.



Consumer Fertilizer Task Force

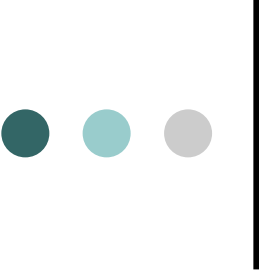
(Created by the 2007 Legislature)

- **Goal:** To develop consensus findings and recommendations on the regulation and proper use and application of consumer fertilizers
- Final report due to the Legislature by January 15, 2008
- <http://consensus.fsu.edu/Fertilizer-Task-Force/index.html>



Questions

- ✓ Process to obtain BMP commitment from growers and what enforcement can be taken if they do not adopt the BMPs.
- ✓ Overview of the education programs for BMP practices and what is planned for the Lake Jesup basin.
- ✓ How are loads from commercial tree and ornamental shrub farms managed?
- ✓ Update on the new fertilizer rules.
- ✓ Efforts to reduce impacts of lawn services and landscapers and education outreach to individual homeowners.



Questions

- How will DACS address flooding and water quality problems in urban areas due to the policies of the now defunct agricultural stormwater districts?
- How long do fertilizer and pesticide residuals remain from abandoned fields? Is DACS still responsible once homes are built on the land?