



# Products, Labels & Legislation

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# Information Presented in 2011

- **New Products**

- Soilworks soil stabilizer

- **New Labels**

- Other sources for:

- Permethrin
    - Thiram

- Other Labels

- Sta-put
    - AccuQuest
    - Sulfoxaflor

- **New Legislation**

- Update on Proline Registration
  - Comments on Bilingual Labels
  - Comments of Iodomethane
  - Status of 2014 MBr Critical Use Exemption
  - EPA schedule for pesticide registration

- **Miscellaneous Info**

- Need for contact info on nursery retirees
  - Nursery Mtg in Colorado



# Merger of Soil Stabilizer Companies

- H.B. Fuller Bought Out Forbo Adhesives
- Announcement 12/22/11. Finalized 3/12
- 4/12 – HB Fuller cuts 130 jobs and closes North Carolina offices
- Products available in 2013 + :
  - HB Fuller (Agri-Lock)
  - Soil Works (SoilTac) – See Adv Mtg 2011 and Contact Mtg 2011

# Merger of Suppliers of Peat Moss

- **Sun Gro Acquires Fafard – June 2012**

- Sun Gro is one of the largest producers of peat moss and peat-based growing media in North America.





# Products



# Cleaning Injector and Spray Nozzles



Dosa-Klean, with Aqua Lube, is a water-soluble concentrate that removes rust and calcifications while it lubricates the injector's interior seals and all moving components.

Also applications for nozzles and spray heads

<http://www.dosaklean.com>

# Osmocote® Bloom



- Mini prill controlled-release fertilizer for small containers
- 6-12 weeks release time
- 12-7-18, + magnesium and essential micronutrients
- 1/5 the size of a standard prill



# Peters® Excel® pHLow fertilizer

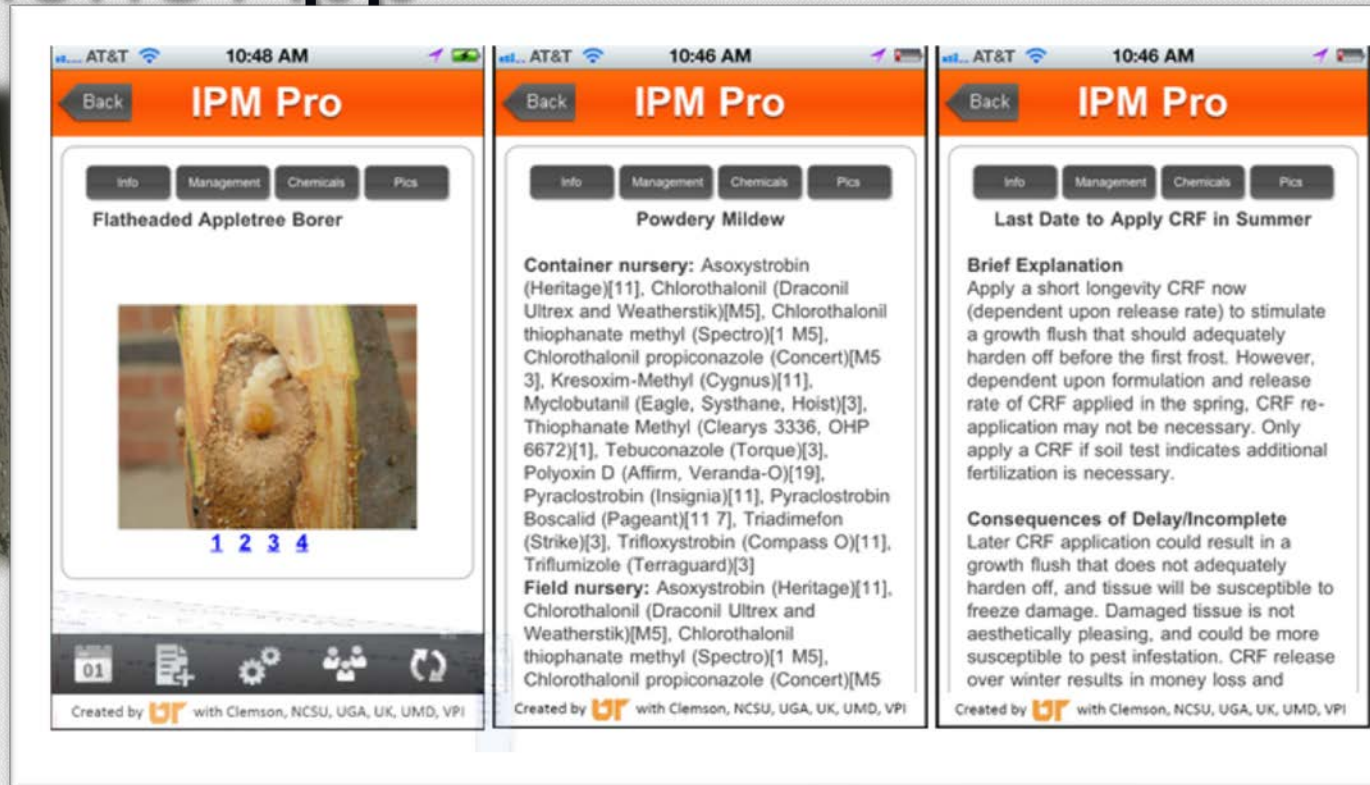
- For container nurseries with high alkalinity irrigation water and media pH issues.
- A proprietary acidifying component manages alkalinity of irrigation water.
- A safer alternative to conventional liquid acids.
- Allows use of a single stock tank for nutrition and alkalinity management, which saves time and reduces labor costs.



# Peters® Excel® pHLow fertilizer

- Formulations:
  - 19-11-21 multi-purpose
  - 18-18-18 multi-purpose
  - 15-7-25 High Mag/High K
  - 14-8-14 Cal Mag
- <http://everris.us.com/product/peters-excel-phlow>

# Smart Phone App



- Major pest and cultural
- Automatic text-like alerts for time-sensitive pest issues and cultural
- Viewable as a calendar or chronological list of action items for easy reference
- Contains images, pest lifecycle, and management options for major pests of woody plants
- Provides pesticide recommendations for major diseases and insects
- Built-in pesticide recordkeeping to make outdoor, and on-the-go recordkeeping easy

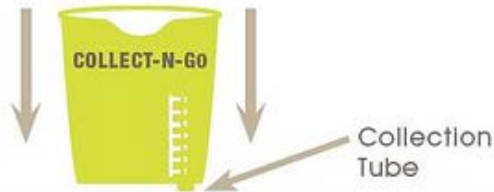


# Collect-N-Go

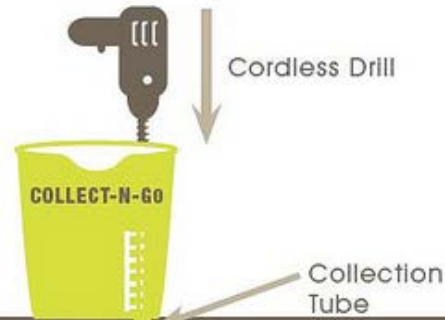


## How to use COLLECT-N-GO soil sample collection power kit? EASY...

STEP 1.



STEP 2.



**KIT CONTENTS:** (1) Collection Bucket, (1) Specialized Soil Auger & (1) Security Tie

**TOOLS REQUIRED:** Drill motor with a 3/8" in Arbor or Larger.

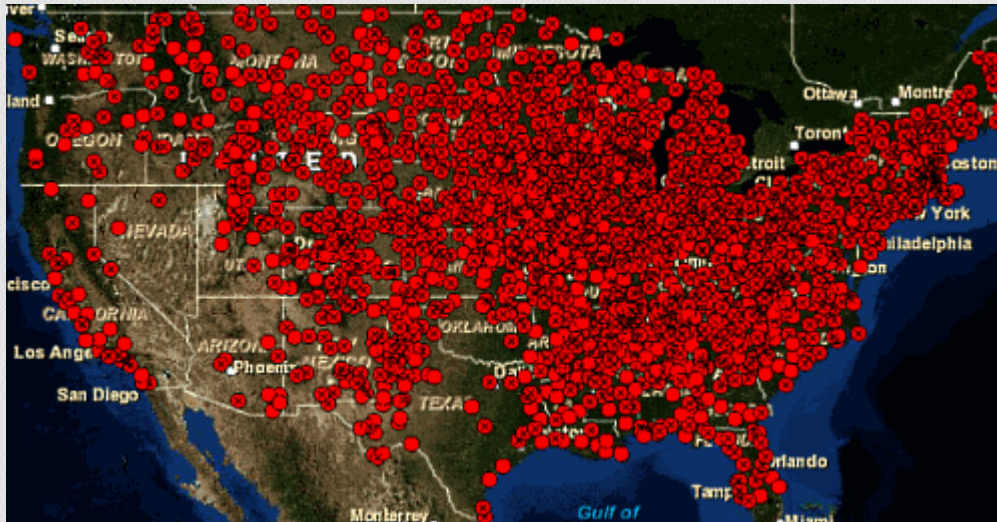
[www.collectnagonow.com](http://www.collectnagonow.com)

• Next Level Ag and Turf Products Opelika, AL



# March – May, 2012

Hottest Spring for 118 years



The number of warm temperature records set in March 2012. This is a combination of 7,775 daytime records and 7,517 nighttime records.







# Labels




# Hurricane® WDG by Syngenta

GROUP 12

4

FUNGICIDES



**Fungicide**

For control of certain stem and root diseases of ornamentals grown in green-houses, lath and shade houses, outdoor field and container nurseries, interior-scapes and other enclosed structures.

Active Ingredients:

Fludioxonil*	32.0%
Mefenoxam**	16.0%
<hr/>	
Other Ingredients:	52.0%
Total:	100.0%

\*CAS No. 131341-86-1

\*\*CAS Nos. 70630-17-0 and 69516-34-3

Hurricane WDG is a water-dispersible granule.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

**8 oz.**

Net Weight

Hurricane WDG delivers protection against the major stem and root diseases affecting ornamentals caused by *Pythium*, *Phytophthora*, *Rhizoctonia*, *Fusarium*, *Thielaviopsis*, *Sclerotium*, and *Cylindrocladium*





# And Pending Legislation



# It Finally Happened.....

● December 2, 2011





# Registration efforts first began in 2008



## Some of the Lows...

Pulling of 24-C labels

Need for Environmental Impact Analysis

EPA – “ we don’t believe your data”

## Some of the Highs...

Working with Bayer CropScience staff

Support of Coop to pay PRIA fee

A Coop Director that is as tenacious as a bulldog



# Goal 2XL – labels pulled????



- Mid-June – Federal Register listed 4 southern states having labels pulled by Dow AgroScience.
- Contacted Pat Burch – Dow AgroScience:

*“You would not believe the number of emails that I have on this now...and the list of participants continues to grow.*

*This is your use section of the label*

***Conifer Seedbeds, Transplants, Container Stock and Selected Field Grown Deciduous Trees***  
*and so you are fine.*

*The EPA notice only applied to SLNs. SLNs can sometimes be used to provide a label use until it can be added to the main label. There is often a lag time for the main label and once the use gets added the SLN is cancelled.”*



# Upcoming Meetings:



*Influence of species and soil temperature on N-form preference and uptake*

*The role of carbon reserves in seedling nutrition and stress tolerance*

*Seedling nutrient loading to improve planting success: A Mediterranean perspective*

*Nursery fertilization of oaks: consequences for plant quality and outplanting performance*

*Improved fertilizer use efficiency and growth of tree seedlings on reclaimed oil sands*

*The role of nutrients for improving seedling quality in drylands*

*Juvenile fertilization of loblolly pine plantations*

*Nutrition and fertilization of short-rotation eucalypt plantations of high productivity*

*Nutrition of cedar and hemlock plantations in coastal BC*

*Comparison of soil properties under plantations and natural forests in South China*

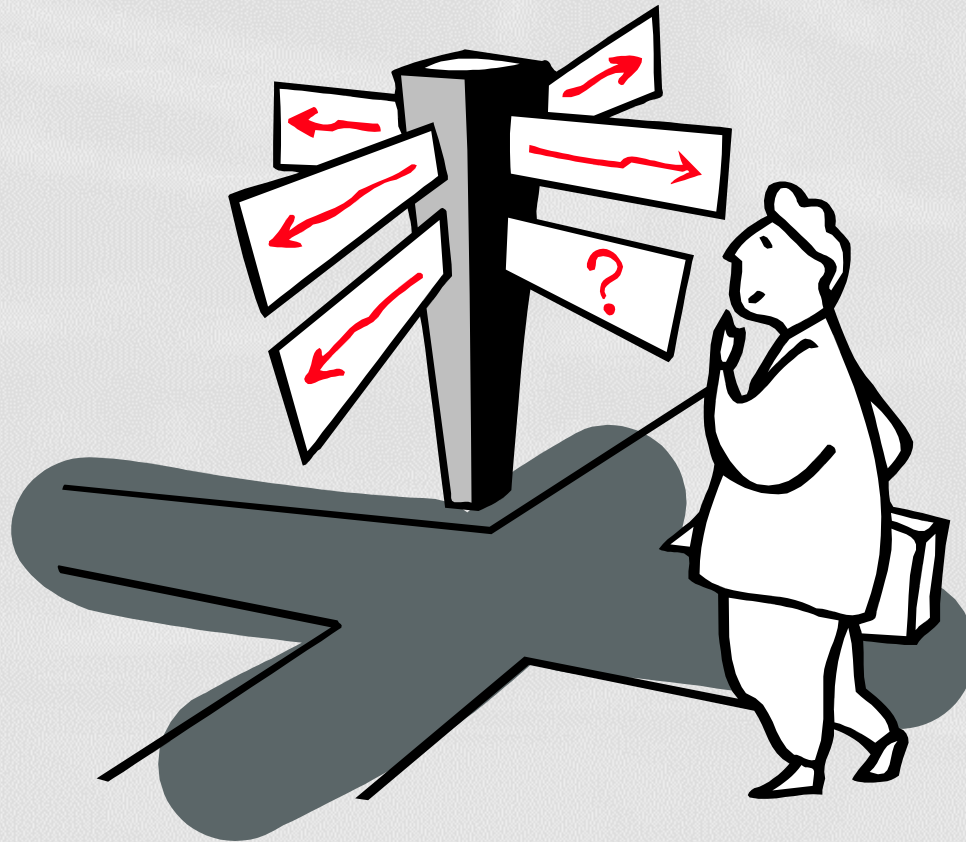
*Nutrition management of Pacific Northwest Douglas-fir plantations*

*The role of seedling nutrition on ungulate herbivory pattern*

# Upcoming Meetings:

- **2013 Biennial Southern Silvicultural Research Conference - Shreveport, Louisiana**
  - March 5 - 7, 2013
  - Sponsored by the [USDA Forest Service, Southern Research Station](#) and the [Louisiana Tech University, School of Forestry](#)
  - Presentations emphasize research in: pine silviculture; longleaf pine; nutritional amendments; vegetation management; site preparation; pine natural and artificial regeneration; hardwood natural and artificial regeneration; intermediate treatments; midstory competition control, growth and yield; water quality; forest health; fire; economics; and wildlife ecology.





Research Toward Increasing Nursery Productivity