

**STATE OF FLORIDA**  
**DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES**  
**CHARLES BRONSON, COMMISSIONER**  
**OPERATION CLEANSWEEP PROGRESS REPORT**  
**FISCAL YEAR 2010 – 2011**



**DIVISION OF AGRICULTURAL ENVIRONMENTAL SERVICES**  
**BUREAU OF COMPLIANCE MONITORING**  
**3125 CONNER BOULEVARD, BUILDING No. 8**  
**TALLAHASSEE, FLORIDA 32399-1650**

## OPERATION CLEANSWEEP

Collection of Canceled, Suspended, and Unusable Pesticides

Progress Report for Fiscal Year **2010 – 2011**

A Cooperative Project Involving:

Florida Department of Agriculture & Consumer Services  
Florida Department of Environmental Protection  
University of Florida - Institute of Food & Agricultural Sciences  
& the Florida Cooperative Extension Service  
United Agri Products, Inc.  
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Certified Pest Control Operators  
Florida Citrus Mutual  
Florida Fertilizer & Agrichemical Association  
Florida Farm Bureau  
Florida Fruit & Vegetable Association  
Florida Nursery, Growers & Landscape Association  
Florida Pest Management Association  
Florida Tomato Committee  
Florida Turf Grass Association  
Florida Forestry Association  
Florida Peanut Producers Association  
Florida Soybean Producers Association  
Florida Landscape Maintenance Association  
Florida Golf Course Superintendents Association  
Florida Sod Growers Association

Progress Report - Operation Cleansweep  
Fiscal Year **2010 - 2011**  
Collection of Cancelled, Suspended, Unusable Pesticides

Introduction

Pesticides that can no longer be used as intended must be disposed of properly to prevent pollution of soil and water resources and unacceptable exposures to humans and wildlife. Pesticides become unusable as a result of regulatory action (cancellation or suspension of registered uses), or as a result of impairment of the product itself while in storage - such as expired shelf life, crystallization of a liquid in cold temperatures, or solidification of a dust formulation. Pesticide end-users may also no longer have a use for the pesticide, even if it is in usable condition. Pesticide users face difficult choices when dealing with the unusable products - proper disposal may involve high costs or difficult regulatory requirements. When faced with an amount of unusable product, the easiest solution is generally to keep it in storage. However, long term storage presents a risk as well. Containers may leak, break or otherwise degrade. Property ownership changes and stored products may be acquired by people who are unaware of how to handle them. Labels deteriorate and become difficult to read, thus leaving the contents unidentifiable and unusable. Additionally, the threat of exposures to employees, contact with surrounding communities, and releases to the environment through soil, surface water or air, are other potential hazards associated with long term storage.

In order to address this problem in Florida, the Department of Environmental Protection (DEP) and the Department of Agriculture & Consumer Services (DACS) have partnered with the University of Florida's Institute of Food & Agricultural Science, Florida agricultural marketing groups and pesticide user groups to develop and implement "Operation Cleansweep," a program for collection and proper disposal of cancelled, suspended, and unusable pesticides (CSUP). Following a **1995** statewide collection of **70,000** pounds of lead arsenate, these agencies and user groups were able to conduct several small scale CSUP collections in a four county pilot project (**1996-1997**). One

additional collection was also held in **1998**. These efforts resulted in a collection of a total of **25,000** pounds of CSUP materials from more than **240** participants.

In State Fiscal Year (FY) **2000-2001**, DEP received funding as part of the General Appropriations Act to start an ongoing pesticide collection program. This program, Operation Cleansweep, was funded by an appropriation from the Solid Waste Management Trust Fund at a level of **\$300,000** for FY **2000-2001**. A total of **235,644** pounds of CSUP material were collected from **374** participants in ten one-day collection events. In FY **2001-2002**, the program was funded for **\$300,000** and a total of **224,000** pounds of CSUP were collected from **357** participants. In FY **2002-2003**, DEP received funding by an appropriation from the Solid Waste Management Trust Fund at a level of **\$200,000**. A total of **126,235** pounds of CSUP were collected from **145** participants.

In FY **2003-2004**, DEP again received funding by an appropriation from the Solid Waste Management Trust Fund at a level of **\$100,000**. In addition, the Central Florida Regional Planning Council was awarded a FEMA grant, administered through the Florida Department of Community Affairs (DCA) which totaled **\$225,000**. This funding was used in conjunction with that from the State of Florida totaling **\$325,000**. A total of **250,984** pounds of CSUP material were collected from **207** participants. In FY **2004-2005**, DEP received funding by an appropriation from the Solid Waste Management Trust Fund at a level of **\$100,000**. A total of **78,887** pounds of CSUP were collected in Florida from **62** different participants. In FY **2005-2006**, DEP received funding by an appropriation from the Solid Waste Management Trust Fund at a level of **\$100,000**. A total of **91,359** pounds of CSUP were collected from **104** participants. In FY **2006-2007**, DEP received funding by an appropriation from the Solid Waste Management Trust Fund at a level of **\$100,000**. A total of **68,994** pounds of CSUP were collected in Florida from **138** different participants. In FY **2007-2008**, DEP received funding by an appropriation from the Solid Waste Management Trust Fund at a level of **\$100,000**. A total of **82,895** pounds of CSUP were collected in Florida from **144** different participants.

In FY **2008-2009**, DEP received funding by an appropriation from the Solid Waste Management Trust Fund at a level of **\$100,000**. A total of **81,717** pounds of CSUP were collected in Florida from **117** different participants. In FY **2009-2010**, DEP received funding by an appropriation from the Solid Waste Management Trust Fund at a level of **\$100,000**. A total of **103,495** pounds of CSUP's were collected in Florida from **62** different participants. See the table at the end of this report, which summarizes the program history. Also at the end of the report are maps, which show the counties served by Operation Cleansweep over the years. In FY **2010-2011**, No funds were available, and the participants paid **0.89** cents per pound for their old pesticides to be deposited of properly. A total of **11,208** pounds of CSUP's were collected in Florida from **24** different participants. See the table at the end of this report, which summarizes the program history. Also at the end of the report are maps, which show the counties served by Operation Cleansweep over the years.

#### Program Organization & Implementation

Operation Cleansweep is a partnership of many agencies and organizations with consensus decisions being made by a Steering Committee composed of representatives from the DACS, DEP, the University of Florida Institute of Food & Agricultural Sciences (IFAS), United Agri Products,.Certified Pest Control Operators, Florida Citrus Mutual, Florida Fertilizer & Agrichemical Association, Florida Farm Bureau, Florida Fruit & Vegetable Association, Florida Nursery, Growers & Landscape Association, Florida Pest Management Association , Florida Tomato Committee, Florida Turf Grass Association, Florida Forestry Association, Florida Peanut Producers Association, Florida Soybean Producers Association, Florida Landscape Maintenance Association, Florida Golf Course Superintendents Association, and Florida Sod Growers Association.

The collection program is open to pesticide end-users from the agricultural, nursery, golf course, greenhouse, and pest control industries. Businesses in these industries can dispose of cancelled, suspended, and other-wise, unusable pesticides free of charge through this program. Pesticide distributors and retailers can participate in the program by paying the contract price (price-per-pound) of **\$0 .89** for CSUP disposal (the current price from July 1, 2010 – June 30, 2011). Agricultural businesses wanting to participate in Operation Cleansweep must contact the DACS (toll free phone line, 1-877-851-5285) and be placed on a “pick up list”. Information the participant is asked for includes type of business, location, and quantity and name of products to be disposed of.

The list is organized by the DACS regions. When a list in a DACS region reaches a quantity specified in the vendor contract, e.g. 2,000 pounds a pick up of all the participants in that region is authorized by the DACS Program Manager.

The Operation Cleansweep Steering Committee has agreed to allow government/public agencies that request Cleansweep services, to be put on the list, but will be placed in a low priority category. If Cleansweep funds remain when all private agricultural entities that were on the list have received service, governmental/public agencies will be serviced at the following rate: The first **500** pounds of CSUP will be managed utilizing Cleansweep funds. If more CSUP over the initial **500** pounds exists, the agency requesting service will be responsible for paying for the management of this “excess” material at the contracted rate. Additional requests will be handled on a case by case basis, based on the degree of imminent danger to public health and safety and the potential for environmental harm.

Bid proposals, contracting and oversight of the project is handled by the DACS due to its familiarity with the pesticide end-user community. DACS issued an Invitation to Bid for a contractor to collect and properly dispose of the pesticides collected. Prospective contractors were required to bid on the basis of site safety and personal protection, collection, bulk packaging, transport, and disposal of the collected materials. Bids were received from four licensed hazardous waste contractors, and for FY **2010 - 2011** Care Environmental Corp. (f.k.a. US liquids of Florida, Inc.) of Landing, New Jersey was selected as the contractor, with a bid of **\$0.89** per pound cost for all collected materials. The contract was extended through FY **2011**.

Under the terms of the contract, Care Environmental Corp. provided all materials and services for collection, packaging, transport and disposal of the materials collected. Pesticides collected were handled under federal and state universal hazardous waste regulations (Title 40 Code of Federal Regulations Part 273 as adopted by Florida in Rule 62-730.185, Florida Administrative Code, and commonly referred to as the Universal Waste Rule) and for the purposes of the program, DEP became the generator of the waste pesticides that were picked up. Members of the Steering Committee notified their membership as to the availability of the program. DEP maintains a web site that provides up-to-date information on the program.

<http://www.dep.state.fl.us/waste/categories/cleansweep-pesticides/default.htm>

Additionally, DACS made available a toll-free phone line and email link specifically for people to use for assistance in getting their businesses on the list and their pesticides picked up.

## Collection Methods

The majority of the pesticides were collected at the end-user's establishment. Randomly, at each site pick up, staff from the DACS provided oversight and support. The contractor identified, weighed and characterized for disposal, all pesticides collected. Then, under the requirements of the Universal Waste Rule, the Contractor packed the pesticides for transport and final disposal. As part of the operation, DACS staff distributed literature on safe pesticide handling and storage, and conducted a short interview with the participants to obtain information helpful in planning future Operation Cleansweep projects.

## Results & Participants

This year's collection was a success. The statewide participation count was **24**. This number represents five different categories of pesticide users. **11,208** pounds of CSUP's were safely collected, transported out of the State of Florida and properly disposed of, thereby significantly reducing the threat of chemical accidents, public health and safety hazards to humans and livestock, or contamination of soil, surface water, or groundwater.

### Participant Survey Percentage (out of **24** participants)

Golf Course	15%	Farming & Row-crop Farms	6%
Nursery	2%	Pest Control Operations	75%
Other	2%		

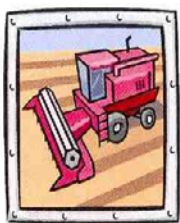
A large part of the success of this program is due to the Institute of Food and Agricultural Sciences (IFAS) Agriculture Extension Service. A majority of the participants stated in their surveys that they were made aware of the Operation Cleansweep program through local extension meetings and information bulletins that were mailed out. A copy of the Operation Cleansweep bulletin is attached at the end of this report.

Additionally, the Department would like to thank Mike Whitten of United Agri Products. Mike provided assistance to this program by connecting many commercial growers with Operation Cleansweep in Tallahassee so that they could sign up for pick up. Additionally, United Agri Products provided our participants with a temporary drop-off location, which was extremely helpful.

Many thanks to Jack Price and Raoul Clarke of the Florida Department of Environmental Protection (DEP) for their knowledge and assistance with hazardous waste laws and regulations. Francie Stoutamire DEP, deserves much praise for the untiring maintenance and design additions to the webpage that details the history, progress and status of the Operation Cleansweep program. Additionally, Glen Perrigan, DEP, and the county Small Quantity Generator Program coordinators that conduct site visits to verify that small quantity generators are properly managing their hazardous waste, helped to promote Operation Cleansweep. Irene Gleason, DEP, and the county Household Hazardous Waste Program coordinators that run the county household hazardous waste collection programs, also assisted in program promotion at the county level. Their eagerness to assist in many ways to help the program is greatly appreciated.

The author wishes to thank all of the Agriculture Inspectors and Supervisors within the Bureau of Compliance Monitoring and Bureau of Entomology and Pest Control who assisted in the field throughout the State, for their on-site supervision of the pick ups and their assistance to many landowners with pesticide problems in the field. Also, thank you to the Field Supervisors for their patience and cooperation during the fast-paced collection season.

This report was prepared by Dale Dubberly, Environmental Manager, Operation Cleansweep Project Manager, Pesticide Compliance Office, Division of Agricultural Environmental Services, of the Florida Department of Agriculture & Consumer Services.



# OPERATION CLEANSWEEP

## Statewide Pesticide Pick-Up

Operation Cleansweep is a mobile pesticide collection program that provides a safe way to dispose of cancelled, suspended, and unusable pesticides at no cost. Pesticide dealers can participate for a fee.



- Farms/Groves
- Nurseries
- Pest Control Services
- Greenhouses
- Forestry
- Golf Courses

	<b>FREE PICK-UP</b> We want your old pesticides.	
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### Cleansweep Partners and Representatives:

- Florida Peanut Producers Association
- Florida Turf Grass Association
- Florida Farm Bureau
- Florida Fertilizer and Agrichemical Association
- Florida Fruit and Vegetable Association
- Florida Soybean Producers Association
- Certified Pest Control Operators
- Florida Pest Management Association
- Florida Nursery, Growers & Landscape Association
- Florida Tomato Committee
- Florida Forestry Association
- IFAS/University of Florida
- Florida Citrus Mutual
- Florida Landscape Maintenance Association
- Florida Department of Agriculture & Consumer Services
- Florida Department of Environmental Protection

For more information

### **CONTACT:**

Florida Department of Agriculture & Consumer Services

[Cleansweep@doacs.state.fl.us](mailto:Cleansweep@doacs.state.fl.us)

or call Toll-Free

**877-851-5285**

**To arrange for a pickup  
complete the Contact  
Information sheet below.  
Email or Fax to (386) 418-5527**



Operation Cleansweep is a program that provides farmers, nursery operators, golf course operators, and pest control services a one-time safe and economical way to dispose of their cancelled, suspended, and unusable pesticides. Some of these materials are very old and may be in containers that are deteriorating. Some, such as chlordane and DDT, are so toxic to humans and hazardous to the environment that they are no longer allowed to be used. Proper disposal can be costly and a regulatory burden for small farmers and other pesticide users. Operation Cleansweep offers an opportunity to avoid these formidable barriers and to promote safe and environmentally sound pesticide use, handling and disposal. Operation Cleansweep began in 1995 with a statewide collection of more than 70,000 pounds of lead arsenate, a widely used pesticide for citrus operations, which was banned from use by the EPA. Since then, Operation Cleansweep has collected and disposed of more than 1,000,000 pounds (550 tons) of cancelled, suspended and unusable pesticides from more than 1,600 participants in 65 counties.

**This table summarizes the program history through 2010**

<b>Year</b>	<b>Funding</b>	<b>Counties</b>	<b>Participants</b>	<b>Pounds</b>	<b>Cost/Pound</b>
1995 Lead Arsenate	\$31,500	Statewide	Unknown	70,000	\$0.45
1996-1998 Pilots	\$73,500	5	244	25,000	\$2.00
2000-2001	\$300,000	12	374	235,644	\$1.14
2001-2002	\$300,000	49	357	224,000	\$1.09
2002-2003	\$200,000	37	145	126,235	\$1.09
2003-2004	\$325,000	39	207	250,984	\$1.20
2004-2005	\$100,000	22	62	78,887	\$1.12
2005-2006	\$100,000	29	104	91,359	\$1.12
2006-2007	\$100,000	33	138	68,994	\$1.12
2007-2008	\$100,000	34	144	82,895	\$1.12
2008-2009	\$100,000	35	117	81,717	\$0.99
2009-2010	\$100,000	26	62	103,495	\$0.89
<b>Totals:</b>	<b>\$1,830,000</b>	<b>301</b>	<b>1,954</b>	<b>1,439,210</b>	

**Funding Notes:**

1. Of the \$105,000 total funding for the 1995 Lead Arsenate statewide collection and the 1996-1998 Pilots, the state provided \$30,000 and United Agri Products provided \$75,000 as part of an enforcement agreement.
2. Of the \$325,000 total funding for 2003-2004, the state provided \$100,000 and the federal government provided \$225,000.
3. All other funding was provided by the Florida Legislature.

