

US EPA ARCHIVE DOCUMENT

National Agricultural Statistics Service

Agricultural Chemical Usage Program

Mark Miller
Environmental and Demographics Section
202-720-0684
mark_r_miller@nass.usda.gov



NASS Overview

- NASS is the data collection agency of the U.S. Department of Agriculture.
 - Census of Agriculture
 - Crop Production Reports
 - Livestock Reports
 - Economic Reports



NASS Overview

- The Eddie Murphy movie 'Trading Places' showed a scene where the Citrus report was released. NASS is that agency.
- I am a government Bean Counter.
 - Soybeans
 - Green beans
 - Dry beans



Program History

- **Chemical Usage Program began in 1990 with Department Water Quality & Food Safety Initiatives.**
- **Grown from essentially 3 program areas to 8.**
- **Initial funding supported basic chemical use data collection; new initiatives have led us into pest management practices and food safety.**



Chemical Usage History

Programs	Chemical Use	Fertilizer Use	Pest Management Practices
Field Crop Chemical Use	x	x	x
Fruit Chemical Use	x	x	x
Vegetable Chemical Use	x	x	x
Postharvest Chemical Use	x		x
Nursery & Floriculture Chemical Use	x		x
Livestock Chemical Use	x		x



Chemical Usage History

- **Core field crop commodities:**
 - **Odd years: Corn, Upland Cotton, Fall Potatoes**
 - **Even years: Soybeans, Wheat (Durum, Other Spring, and Winter)**
- **Fruits - Odd years**
- **Vegetables – Even years**
- **Nursery/Floriculture – Every 3rd year**
- **Postharvest**
- **Livestock**



2007 NASS Decision Point

- Program Prioritization
 - Principal Economic Indicator data
 - Data that directly impact the market
 - Data necessary to implement USDA programs that provide payments to farmers and are used to administer the farm safety net for producers and
 - Data for which there are no other sources of information available.



2007 NASS Decision Point

- Labor program suspended for January 2007.
- Chemical Usage Program took the biggest hit.



NASS Chemical Usage Program

- 2007 Data Collection
 - Upland Cotton
 - Apples
 - Organic Apples
- Published
 - May 21, 2008



NASS Chemical Usage Program

- 2008 Data Collection
 - No crops surveyed
- No publications in 2009



NASS Chemical Usage Program

- 2009 Data Collection
 - Wheat
 - Organic Wheat
- Publish May 2010



NASS Chemical Usage Program

- 2010 Data Collection
 - Corn
- Publish May 2011



NASS Chemical Usage Program

- 2011 Data Collection
 - Soybeans
- Publish May 2012



NASS Chemical Usage Program

- No fruit surveys scheduled
- No vegetable surveys scheduled
- No postharvest surveys scheduled
- No nursery/floriculture surveys scheduled
- No livestock surveys scheduled



NASS Chemical Usage Program

- Questions?



National Agricultural Statistics Service

Agricultural Chemical Usage Program

Mark Miller
Environmental and Demographics Section
202-720-0684
mark_r_miller@nass.usda.gov

