

MARYLAND PESTICIDE SURVEY



MARYLAND

NASS Mission

To provide timely, accurate,
and useful statistics in service
to U.S. agriculture.

What Does NASS Do?

- Administer USDA's Statistical Estimating Program and the 5-year Census of Agriculture
- Coordinate Federal/State Agricultural Statistical needs
- Statistical consulting for other Federal/State or private organizations and other countries
- Statistical Research

What Doesn't NASS Do?

- Set policy
- Regulate activities
- Permit influence
- Disclose individual reports
- Favor any group above others

Basic Principles

Surveys – Voluntary Reporting

Agriculture Census – Mandatory Reporting

Census of Agriculture Act of 1997

(Public Law 105-113; November 1997)

U.S. Code, Title 7, Chapter 55, Section 2204q

Basic Principles

Confidentiality

Protected by Law from Any Court or
Legislative Action

U.S. Code, Title 7, Chapter 55, Section 2276

Basic Principles

Security

Equal Access to Results

U.S. Code, Title 7, Chapter 55, Section 2276

DR 1042-42, 7a

Information in all reports will be withheld from unauthorized disclosure and publication until the day and hour of public issuance.

High Profile Uses of NASS Data

- ⦿ U.S. principle economic indicators
- ⦿ Farm Bill counter-cyclical payments
- ⦿ Disaster payment determination
- ⦿ Group Risk policy payments and premiums
- ⦿ Livestock compensation program
- ⦿ EPA risk analysis in re-registration of chemicals
- ⦿ Levels the playing field for commodity markets



National Agricultural Statistics Service (NASS)

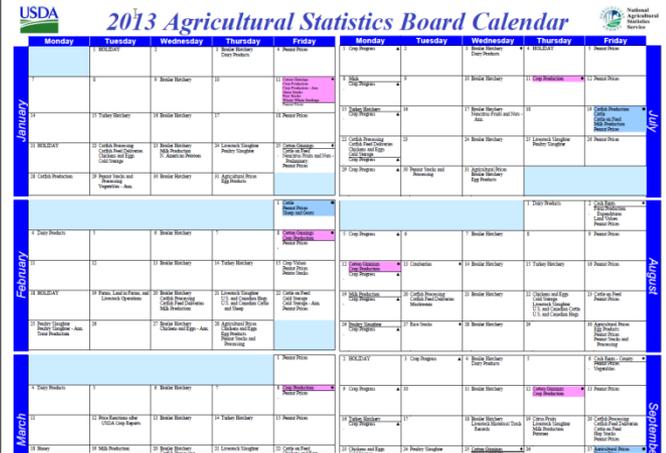
Annual statistics program and Census of Agriculture

- **Production data on more than 120 crops and 40 livestock commodities**
- **Price, sale, expense data for \$200 billion in agricultural products**
- **Environmental data related to 938 million acres**
- **Demographics on 3 million farm operators and 6.6 million household members**



NASS Reports

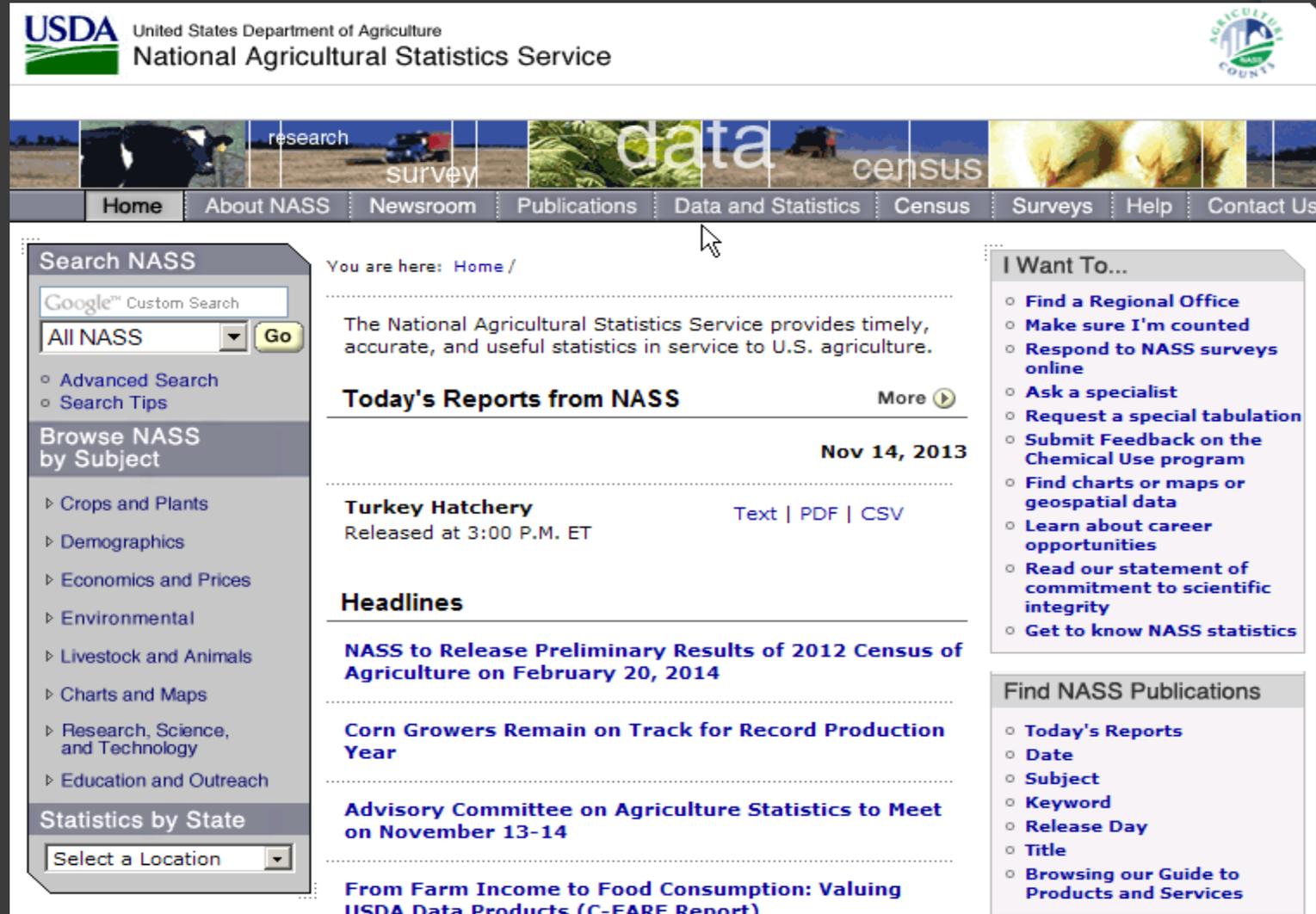
- Over 400 National reports published annually
- Over 9,000 State-level reports annually
- Census reports for each State, Nation, and outlying areas



The image shows the 2013 Agricultural Statistics Board Calendar, published by the USDA National Agricultural Statistics Service. It is a grid-based calendar for the year 2013, organized by month (January through September) and day of the week (Monday through Friday). Each cell in the grid contains a date and a list of reports scheduled for that day. The reports are color-coded: blue for general reports, pink for special reports, and yellow for reports that are not published. The calendar is titled "2013 Agricultural Statistics Board Calendar" and includes the USDA logo and the National Agricultural Statistics Service logo.

Month	Monday	Tuesday	Wednesday	Thursday	Friday
January	1: Crop Progress	2: Cattle and Hogs	3: Cattle and Hogs	4: Cattle and Hogs	5: Cattle and Hogs
February	1: Cattle and Hogs	2: Cattle and Hogs	3: Cattle and Hogs	4: Cattle and Hogs	5: Cattle and Hogs
March	1: Cattle and Hogs	2: Cattle and Hogs	3: Cattle and Hogs	4: Cattle and Hogs	5: Cattle and Hogs
April	1: Cattle and Hogs	2: Cattle and Hogs	3: Cattle and Hogs	4: Cattle and Hogs	5: Cattle and Hogs
May	1: Cattle and Hogs	2: Cattle and Hogs	3: Cattle and Hogs	4: Cattle and Hogs	5: Cattle and Hogs
June	1: Cattle and Hogs	2: Cattle and Hogs	3: Cattle and Hogs	4: Cattle and Hogs	5: Cattle and Hogs
July	1: Cattle and Hogs	2: Cattle and Hogs	3: Cattle and Hogs	4: Cattle and Hogs	5: Cattle and Hogs
August	1: Cattle and Hogs	2: Cattle and Hogs	3: Cattle and Hogs	4: Cattle and Hogs	5: Cattle and Hogs
September	1: Cattle and Hogs	2: Cattle and Hogs	3: Cattle and Hogs	4: Cattle and Hogs	5: Cattle and Hogs

NASS Website



The screenshot shows the homepage of the National Agricultural Statistics Service (NASS) website. At the top left is the USDA logo and the text "United States Department of Agriculture National Agricultural Statistics Service". At the top right is the NASS logo with the text "AGRICULTURE COUNTS". Below the logos is a navigation bar with links: Home, About NASS, Newsroom, Publications, Data and Statistics, Census, Surveys, Help, and Contact Us. The main content area is divided into several sections. On the left is a search box with "Google Custom Search" and a "Go" button, and a "Browse NASS by Subject" menu with categories like Crops and Plants, Demographics, Economics and Prices, Environmental, Livestock and Animals, Charts and Maps, Research, Science, and Technology, and Education and Outreach. Below that is a "Statistics by State" section with a "Select a Location" dropdown. The main content area starts with "You are here: Home /" and a paragraph describing the service. Below that is a "Today's Reports from NASS" section with a "More" link and the date "Nov 14, 2013". The first report is "Turkey Hatchery" with links for "Text | PDF | CSV" and a release time of "Released at 3:00 P.M. ET". Below that is a "Headlines" section with three items: "NASS to Release Preliminary Results of 2012 Census of Agriculture on February 20, 2014", "Corn Growers Remain on Track for Record Production Year", and "Advisory Committee on Agriculture Statistics to Meet on November 13-14". The last item is "From Farm Income to Food Consumption: Valuing USDA Data Products (C-FARE Report)". On the right side is an "I Want To..." section with a list of links: Find a Regional Office, Make sure I'm counted, Respond to NASS surveys online, Ask a specialist, Request a special tabulation, Submit Feedback on the Chemical Use program, Find charts or maps or geospatial data, Learn about career opportunities, Read our statement of commitment to scientific integrity, and Get to know NASS statistics. Below that is a "Find NASS Publications" section with a list of filters: Today's Reports, Date, Subject, Keyword, Release Day, Title, and Browsing our Guide to Products and Services.

USDA United States Department of Agriculture
National Agricultural Statistics Service

AGRICULTURE COUNTS

research survey data census

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Browse NASS by Subject

- Crops and Plants
- Demographics
- Economics and Prices
- Environmental
- Livestock and Animals
- Charts and Maps
- Research, Science, and Technology
- Education and Outreach

Statistics by State

Select a Location

You are here: [Home](#) /

The National Agricultural Statistics Service provides timely, accurate, and useful statistics in service to U.S. agriculture.

Today's Reports from NASS [More](#)

Nov 14, 2013

Turkey Hatchery [Text](#) | [PDF](#) | [CSV](#)
Released at 3:00 P.M. ET

Headlines

NASS to Release Preliminary Results of 2012 Census of Agriculture on February 20, 2014

Corn Growers Remain on Track for Record Production Year

Advisory Committee on Agriculture Statistics to Meet on November 13-14

From Farm Income to Food Consumption: Valuing USDA Data Products (C-FARE Report)

I Want To...

- Find a Regional Office
- Make sure I'm counted
- Respond to NASS surveys online
- Ask a specialist
- Request a special tabulation
- Submit Feedback on the Chemical Use program
- Find charts or maps or geospatial data
- Learn about career opportunities
- Read our statement of commitment to scientific integrity
- Get to know NASS statistics

Find NASS Publications

- Today's Reports
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- Release Day
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- Browsing our Guide to Products and Services

www.nass.usda.gov/

NASS Web Site – Quick Stats



- U.S., State, county database
- Historic data for most commodities
- Data format options

Pesticide Survey

Last conducted in 2012.

(pesticides used during calendar year 2011)





Pesticide Survey



Partnership between

- Pesticide Regulation Section of The Maryland Department of Agriculture
- U.S. Department of Agriculture, National Agricultural Statistics Service, Maryland Field Office.

Pesticide Survey



What is the objective?

The survey provides the amounts and types of pesticides applied in calendar year 2011 by

- Maryland farm operators
- certified private pesticide applicators
- commercially licensed businesses
- public agencies

Pesticide Survey

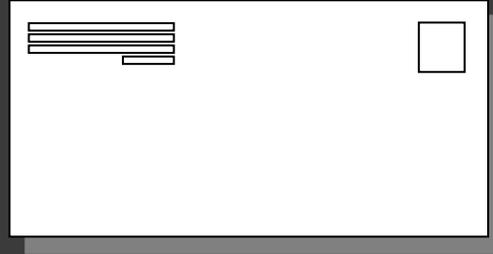


Data Collection and Publication Schedule over 18 month timeline

- First mailing Jan/Feb
- Postcard reminder March
- Second mailing April
- Close data collection July
- Analysis/Summary Aug -Mar
- Report Writing March-May
- Publication June

Data Collection Plans

- Mail only



- Post card reminder and 2nd mailing
- Telephone or field follow-up for non-respondents (portion of sample)

Survey Questionnaires



- Survey content is similar to previous survey
- Drop fertilizer questions

Publication



- The publication will be similar to prior years

Pesticide Publication



- Top 20 pesticides
- Top 10 by class (insecticides, herbicides, and fungicides)
- Common formulation and type for pesticide
- Comparisons of use by class for the last 5 surveys
- Integrated Pest Management Usage

Fertilizer Publication

- Method of application
- Timing of application
- Use of GPS for fertilizer application
- Use of Nitrogen stabilizers
- Use of different nitrogen tests



Pesticide Survey

Sample Comparison

	2011	2015*
Commercial applicators	1,634	1,700
Private Applicators	3,255	3,300
Public Agencies	343	350
Farmers	1,501	5,500
Total Sample	7,176	10,850

*estimates

Pesticide Survey



Response Comparison

	2011	2015*
Commercial applicators	659	1,200
Private Applicators	1695	2,500
Public Agencies	210	250
Farmers	854	4,200
Total Response	3418	8,150
	51%	75%

*estimate

Pesticide Survey

Questions?