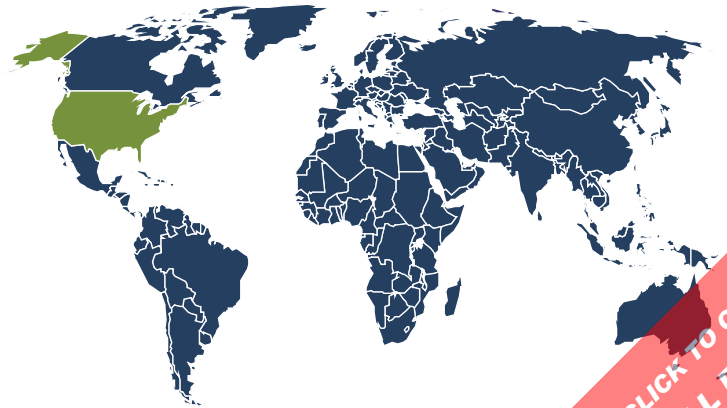




Freedonia Focus Reports
US Collection

Agricultural Pesticides: United States

January 2017



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Trade
Environmental and Regulatory Factors | Technological Developments

Segmentation and Forecasts

Products | Crops | Production

Industry Structure

Industry Composition and Characteristics | Companies Cited

Resources

CLICK TO ORDER
FULL REPORT
BROCHURE
CLICK TO ORDER
FULL REPORT

ABOUT THIS REPORT

Scope & Method

This report forecasts US agricultural pesticide active ingredient demand in pounds and US dollars at the manufacturers' level to 2020. Total formulated agricultural pesticide demand and production are also forecasted to 2020 in value terms. Total active ingredient demand by value is segmented by product in terms of:

- herbicides
- insecticides
- fungicides
- other products such as fumigants, defoliants and desiccants, rodenticides, and nematicides.

Low-cost commodities like copper and sulfur, which are by far the most frequently used fungicides, are excluded from the scope of this report.

Total active ingredient demand by volume is segmented by crop as follows:

- corn
- soybeans
- vegetables and melons
- fruit and nuts
- cotton
- other crops such as wheat, sorghum, and barley.

To illustrate historical trends, total active ingredient demand in volume and value terms, as well as total formulated agricultural pesticide demand and production in value terms, are provided in annual series from 2005 to 2015; the various segments are reported at five-year intervals for 2010 and 2015.

This report quantifies trends in various measures of growth. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for the years corresponding to other reported figures. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report

items by page is available in the [Table of Contents](#).

Sources

Agricultural Pesticides: United States (FF35080) is based on [Agricultural Pesticide Market in the US](#), a comprehensive industry study published by The Freedonia Group in January 2017. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
325320	Pesticide and Other Agricultural Chemical Manufacturing	2879	Pesticides and Agricultural Chemicals, NEC
424910	Farm Supplies Merchant Wholesalers	5191	Farm Supplies

Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group.

Table of Contents

Section	Page
About This Report	i
Highlights.....	1
Market Environment	2
Historical Trends	2
Chart 1 US Agri Pesticide Active Ingredient Demand Trends, 2005-2015 (mil lbs)	3
Key Economic Indicators	4
Table 1 Key Indicators for US Agricultural Pesticide Demand; 2010, 2015, 2020	4
Trade.....	5
Chart 2 US Formulated Agricultural Pesticide Trade; 2005, 2010, 2015, 2020 (US\$ mil)	5
Environmental & Regulatory Factors	6
Technological Developments.....	8
Segmentation & Forecasts.....	9
Products.....	9
Chart 3 US Agri Pesticide Active Ingredient Demand by Product; 2010, 2015, 2020 (US\$ mil).....	9
Chart 4 US Agri Pesticide Formula & Active Ingredient Demand; 2005-2015, 2020 (US\$ mil)	10
Herbicides.....	10
Insecticides.....	12
Fungicides.....	13
Other Products.....	14
Chart 5 US Agri Pesticide Active Ingredient Demand by Product Share; 2010, 2015, 2020 (%) ..	16
Crops.....	17
Chart 6 US Agri Pesticide Active Ingredient Demand by Crop; 2010, 2015, 2020 (mil lbs).....	17
Corn.....	17
Soybeans.....	18
Vegetables & Melons.....	19
Fruit & Nuts.....	20
Cotton.....	21
Other Crops.....	21
Chart 7 US Agri Pesticide Active Ingredient Demand by Crop Share; 2010, 2015, 2020 (%)	22
Production.....	23
Chart 8 US Formulated Agricultural Pesticide Production; 2005-2015, 2020 (US\$ mil)	23
Industry Structure	25
Industry Composition & Characteristics	25
Chart 9 US Formulated Agricultural Pesticide Market Share by Supplier, 2015	25
Syngenta AG.....	26
Bayer AG.....	26
The Dow Chemical Company.....	26
Monsanto Company.....	27
El du Pont de Nemours and Company.....	28
BASF SE.....	28
Companies Cited	29
Resources	30

To return here, click on any Freedonia logo or the Table of Contents link in report footers.
 PDF bookmarks are also available for navigation.

RESOURCES

The Freedonia Group

www.freedoniagroup.com

<i>3484 Agricultural Pesticide Market in the US</i> , January 2017	see study contents
Related Industry Studies	
<i>3457 Biocides Market in the US</i> , December 2016	see study contents
<i>3475 Global Amines Market</i> , November 2016	see study contents
<i>3456 Wood Preservative Market in the US</i> , November 2016	see study contents
<i>3448 Specialty Surfactants</i> , August 2016	see study contents
<i>3422 Lawn & Garden Consumables</i> , June 2016	see study contents
<i>3384 Home & Garden Pesticides</i> , February 2016	see study contents
<i>3330 Amines</i> , October 2015	see study contents
Related Focus Reports	
<i>Agricultural Equipment: United States</i>	see report contents
<i>Fertilizers: United States</i>	see report contents
<i>Field Crop Seeds: United States</i>	see report contents
<i>Grain-Based Foods: United States</i>	see report contents
<i>Home & Garden Pesticides: United States</i>	see report contents
<i>Lawn & Garden Consumables: United States</i>	see report contents
<i>World Agricultural Equipment</i>	see report contents
Freedonia Custom Research	see capabilities

Trade Publications

<i>AgProfessional</i>	www.agprofessional.com
<i>AgriBusiness Global</i>	www.agribusinessglobal.com
<i>CropLife</i>	www.croplife.com
<i>ICIS Chemical Business</i>	www.icis.com
<i>IHS Chemical Week</i>	www.chemweek.com
<i>Industrial Minerals</i>	www.indmin.com
<i>The Progressive Farmer</i>	www.dtnprogressivefarmer.com

Agencies & Associations

Association of American Pesticide Control Officials	www.aapco.org
CropLife America	www.croplifeamerica.org
United States Census Bureau	www.census.gov
United States Department of Agriculture	www.usda.gov
United States Environmental Protection Agency	www.epa.gov
United States Geological Survey	www.usgs.gov
United States International Trade Commission	www.usitc.gov

Environmental Impact. Please consider the environment before printing this report. Freedonia Focus Report collections feature environmentally friendly products distributed entirely via electronic channels.