



Freedonia Focus Reports
US Collection

Field Crop Seeds: United States

April 2018



CLICK TO ORDER
FULL REPORT

BROCHURE

CLICK TO ORDER
FULL REPORT

www.freedoniafocusreports.com

Table of Contents

1. Highlights	3
2. Market Environment	4
Historical Trends	4
Key Economic Indicators	6
Seed Biotechnology	7
Product Development	9
Regulatory Factors	10
3. Segmentation & Forecasts	12
Types	12
Soybean	14
Wheat	16
Corn	17
Rice	18
Cotton	19
Other Field Crop Seeds	20
4. Industry Structure	23
Industry Characteristics	23
Market Leaders	24
DowDuPont	24
Monsanto	25
Syngenta	25
5. About This Report	27
Scope & Method	27
Sources	27
Industry Codes	28
Resources	29

List of Tables & Figures

Figure 1 Key Trends in US Field Crop Seeds Planted, 2017 – 2022	3
Figure 2 US Field Crop Seeds Planted Trends, 2007 – 2017	4
Table 1 Key Indicators for US Field Crop Seeds Planted, 2007 – 2022	6
Figure 3 US Field Crop Seeds Planted by Type, 2007 – 2022 (000 m tons)	12
Table 2 US Field Crop Seeds Planted by Type, 2007 – 2022 (000 m tons)	12
Table 3 US Seeding Rates, Acreage & Seeds Planted for Major Field Crops, 2017	14
Figure 4 US Soybean Seeds Planted & Soybean Oil Demand for Biodiesel, 2007 – 2022	15
Figure 5 US Corn Seeds Planted & Livestock Inventory, 2007 – 2022	18
Figure 6 US Cotton Seeds Planted & Textile Products & Apparel Shipments, 2007 – 2022	20
Figure 7 US Other Field Crop Seeds Planted & Livestock Inventory, 2007 – 2022	22
Figure 8 US Field Crop Seeds Planted by Type, 2007 – 2022 (%)	22
Table 4 Leading Suppliers to the US Field Crop Seeds Market by Type	24
Table 5 Industry Codes Related to Field Crop Seeds	28

About This Report

Scope & Method

This report forecasts to 2022 US field crop seeds planted in metric tons. Total volume is segmented by seed type in terms of:

- soybean
- wheat
- corn
- rice
- cotton
- other field crop seeds such as barley, oats, and sunflower

To illustrate historical trends, total volume and the various segments are provided in annual series from 2007 to 2017.

Excluded from the scope of this report are non-field-crop seeds, such as those used to produce cover crops, flowers, grass, and produce (e.g., fruits and vegetables). Peanuts, nuts, and beans are also excluded.

This report quantifies trends in various measures of growth and volatility. 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. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. 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 with quantified trends. 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

Field Crop Seeds: United States (FF40031) represents 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

About This Report

- 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 reports and 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

Table 5 | Industry Codes Related to Field Crop Seeds

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
111110	Soybean Farming	0111	Wheat
111120	Oilseed (except Soybean) Farming	0112	Rice
111140	Wheat Farming	0115	Corn
111150	Corn Farming	0116	Soybeans
111160	Rice Farming	0119	Cash Grains, NEC
111191	Oilseed and Grain Combination Farming	0131	Cotton
111199	All Other Grain Farming	0139	Field Crops, except Cash Grains, NEC
111920	Cotton Farming		

Source: US Census Bureau

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.

Resources

The Freedonia Group

Freedonia Industry Studies

Lawn and Garden Consumables in the US, February 2018

Pesticide Adjuvant Market in the US, March 2017

Agricultural Pesticide Market in the US, January 2017

Freedonia Focus Reports

Agricultural Equipment: United States

Agricultural Pesticides: United States

Fertilizers: United States

Grain-Based Foods: United States

Home & Garden Pesticides: United States

Meat & Poultry Products: United States

Motor Vehicle Biofuels: United States

Pesticide Adjuvants: United States

Processed Food: United States

Renewable Energy: United States

Soybean Products: United States

Specialty Biocides: United States

World Agricultural Equipment

Freedonia Custom Research

Trade Publications

Agricultural Marketing Resource Center

AgWeb

CropLife

Harvest Public Media

Successful Farming

Agencies & Associations

American Farm Bureau Federation

International Grains Council

International Seed Federation

United States Census Bureau

United States Department of Agriculture

United States Environmental Protection Agency

United States Food and Drug Administration

United States International Trade Commission