

This section provides Agriculture Industry links and resources to assist your startup or small business. Additionally, you can also receive free professional business advice and free or low-cost business training from your [local Small Business Development Center](#)!

View our related business reports here: [Food Industry Market Research](#) and [Farmers Market Business](#).

## Agriculture Industry Overview & Forecast

The agriculture industry is a volatile sector affected by weather conditions, economic fluctuation, and supply chain disruption. The industry is increasingly impacted by [climate change and extreme weather](#), such as drought, wildfires, and air pollution. These environmental factors influence the health, quality, and yield quantities of agricultural products such as crops and livestock, resulting in limited [food](#) supply. Thus, commodity prices are subject to change, which is also affected by inflation.

The industry has made strides in technology, and sustainability efforts, notably, seeking out renewable energy sources that will help with farming production. The increased use of [renewable energy](#), as well as the growth in popularity of regenerative agriculture, has opened

the door to new opportunities for farmers.

The industry contributes [12% of greenhouse gas emissions](#) and the manufacture of these products also rely heavily on natural resources. While many American farmers are aware of the need for [sustainability efforts](#), adoption towards this has been low. Industry leaders are seeking way to respond to these growing concerns while combating farm [labor shortages](#) due to a declining agricultural workforce.

### Industry Sub-Sectors

Agriculture is a large industry encompassing multiple sub-sectors including crop production, livestock production, commercial fishing, and forestry. The following resources provide additional insights.

## Crop Production

As a staple of American society, crop production is a key industry. The output of U.S. farms contributes [\\$203.5 billion to GDP](#) and represents [20% of exports](#). However, according to data reported from [Farm Bureau](#), almost 40% of the food grown in the U.S. is never consumed and 25% of what makes it into households is discarded. Supply chain efficiency is more important than ever to help reduce waste. Trends in the [farm-to-table](#) and farm-to-market have helped directly connect consumers with fresh food to combat waste.

Here are additional resources on crops produced in the U.S. and factors that impact their production:

## Wheat and Grain

- [U.S. Grain Council](#) - resources on practices that contribute to the sustainability of U.S.

grain

- [World Grain](#) - trends expected to impact agriculture
- [U.S. Wheat Associates](#) - news in the wheat industry
- [Weskan Grain](#)- article on the latest updates to grain technology

## Fruits and Vegetables

- [Vegetable Growers News](#) - breakdown of vegetable production

- [The Packer](#) - outlook report on fruit and nut production
- [Growing Producer](#) - survey results on the impact of input prices
- [Sustain](#) - U.S. initiative to increase fruit and vegetable consumption for low-income families



## Greenhouse, Floriculture, and Horticulture

- [Greenhouse Grower](#) - key horticulture trends to watch in the years ahead

- [Better Homes & Gardens](#) - gardening trends
- [Society of American Florist](#) - summary of survey results that show a jump in sales for U.S. Floriculture industry sales
- [What's trending for 2024](#) - horticulture trends for 2024
- [Grower Talks](#) - the state of automation in the horticulture industry

## Indoor Farming and Nursery

- [AgriTech Tomorrow](#) - advantages of farming vertically

- [Agriculture Dive](#) - trends impacting the indoor agriculture industry
- [Agricultural Marketing Resource Center](#) - overview of nursery landscape
- [Successful Farming](#) - the rise of agritourism

## Regenerative Farming and Technology

Agriculture has a big impact on the environment. The methods farmers use to plant and harvest their crops impact more than just the plants. Regenerative Agriculture is a holistic approach to farming that focuses on the health of the soil and biodiversity in the environment. New agriculture technology [has also helped](#) regenerative efforts and improved inefficient crop production.

Here are some additional resources on regenerative farming and technology:

- [Farmland](#) - content and tools on regenerative agriculture
- [The Rockefeller Foundation](#) - video measuring the impact of regenerative farming

- [Resilience](#) - interview discussing the use of technology to expand regenerative farming
- [Resonance](#) - list of companies supporting regenerative agriculture practices
- [Forbes](#) - five predictions for Agtech
- [AI for Small Business](#) - guide to deploying artificial intelligence tools for small businesses

## Animal Production and Apiculture

- [Agriculture Dive](#) - explores the implementation of sustainable practices for the livestock industry.
- [Scientific American](#) - a look at how drug misuse in farm animals is contributing to antibiotic resistance.
- [Farm Income Decrease](#) - report on farm dropping income projections
- [Stabilizing Honeybee Population](#) - report from PBS News on the beekeepers regenerating honey bee colonies
- [Bee Culture](#) - news releases on the launch of an online emergency assistance program for Livestock, Honey Bees and Farm-raised Fish

## Aquaculture and Commercial Fishing

- [National Aquaculture Association](#) - research on improving aquaculture fish ratios
- [NOAA Expansion](#) - report on the U.S. Aquaculture industry expansion
- [US SOY](#) - findings on the benefit of U.S. Soy for the aquaculture
- [ECO Magazine](#) - exploring areas of environmental impact
- [Realities of the commercial fishing Industry](#) - the state of sustainable fishing
- [National Oceanic and Atmospheric Administration](#) - video showing how climate change is creating challenges U.S. fisheries.
- [American Bureau of Shipping](#) - sustainability notations for marine ecosystems



## Forestry

- [Agriculture Marketing Resource Center](#) - forestry industry overview
- [McKinsey & Company](#) - report on how companies are navigating disruptions in the paper and forest products sector
- [American Forest & Paper Association](#) - a brief calling forest landowners to sustainable management
- [Greenhouse Magazine](#) - labor standards for farm workers

## Government Agencies

The [U.S. Department of Agriculture](#) is the primary federal agency that governs activities related to farming, forestry, rural economic development, and food in the United States. Here are additional resources from the USDA:

- [Small and Mid-Sized Farmer Resources](#) - resources and program information about access to capital, conservation practices, and other educational resources.
- [Financial Resources for Farmers and Ranchers](#) - programs to help ranchers, and business access the organic market.

Additional Agencies:

- [American Farm Bureau](#) - a national federation which advocates and represents the U.S. agriculture community including farmers, ranchers, and rural communities.
- [U.S. International Trade Commission](#) - a national government agency which focuses on matters of trade, including agricultural products.

## Agriculture Industry Data

Resources on the American agriculture industry from the U.S. Department of Agriculture.

- [National Agricultural Statistics Service - Data and Statistics](#) - a comprehensive Quick Stats database tool, Geospatial Data, Charts and Maps, and various other data tools featuring agricultural data
- [Census of Agriculture](#) - state and county profile reports of U.S. farms and ranches
- [Economic Research Service - Data Products](#) - statistical summaries and data visualizations about various agricultural topics
- [Commodity Outlook and Data](#) - monthly market outlook reports on farm conditions and specific commodities from the U.S. Department of Agriculture

- [Crop Acreage Data](#) - the Farm Service Agency annually publishes crop and land data per agricultural producers' reports
- [Economics, Statistics and Market Information System](#) - a research collaboration among various partners of the U.S. Department of Agriculture which publishes material covering U.S. and international agriculture topics.

#### Additional Data Tool

- [Commodities and Products](#) - utilize the FoodSearcher Tool or view the various reports on agricultural products that have been reported by a diverse community of food-related business from the Agricultural Marketing Resource Center

## Agricultural Trade Associations

- [Agricultural Marketing Resource Center](#) - collects information on marketing conditions in the agricultural industry sector.
- [Cooperative Extension Foundation](#) - embedded in the [Cooperative Extension System](#) of the National Institute of Food and Agriculture, the organization assists in collaboration and connection among the nation's 112 Land-grant Universities and Colleges.
- [U.S. Grains Council](#) - develops export markets for grains products and reports weekly updates on weather, prices, and freight information for grains products and co-products.
- [National Farmers Union](#) - advocates for farmers, ranchers, fishers, and other agricultural communities through education, cooperation, and legislation.

- [National Council of Farmer Cooperatives](#) – represents the interests of farmer cooperatives and other farmer-owned enterprises, provides education and stewardship for [employee-owned](#) agribusinesses.
- [AmericanHort](#) – provides education, networking, advocacy, and more for the horticulture industry.
- [Organic Farmers Association](#) – supports collaboration and leadership among Certified Organic Farmers through policy advocacy and educational resources.
- [Organic Consumers Association](#) – advances food and farming policy issues surrounding food safety, industrial agriculture, genetic engineering, children’s health, corporate accountability, Fair Trade, and environmental sustainability.
- [American Fisheries Society](#) – advances the fisheries profession through scientific research, publication of resources, and networking opportunities in effort to advance fisheries science and conserve fishing resources.
- [Food and Agriculture Organization](#) – a specialized agency of the United Nations that produces [statistical data](#), research, and publications on growing food.
- [American Agri-Women](#) – a national coalition of women in farm, ranch, and other agribusinesses.
- [Regenerative Organic Alliance](#) – provides agricultural certification for soil health, animal welfare, and fairness for farmers & workers.

## Agriculture Grant and Funding Opportunities

- [A Guide to Funding Resources](#) - National Agriculture Library
- [Funding Opportunities](#) - National Institute of Food and Agriculture
- [Grants and Opportunities](#) - Agricultural Marketing Service
- [Farming Grants and Loans](#) - USDA provides homeownership opportunities to low- and moderate-income rural Americans through several loan, grant, and loan guarantee programs.
- [Federal Funding Opportunities](#) - Rural Development (USDA) Notices of Solicitation of Applications (NOSAs) or Notices of Funding Availability.
- [Farm Service Agency](#) - provides services related to loans, disaster assistance programs,



and more for farmers.

- [Environmental Quality Incentives Program](#) - USDA's Natural Resources Conservation Service aims to promote cost effective agricultural production while improving wildlife habitat, forest, soil, water and energy management.
- [Cooperative Agriculture](#) - farmers and ranchers may partner with the U.S. Fish & Wildlife Service agency to meet wildlife management objectives.
- [Organic Certification Cost Share Program](#) - cost share assistance to producers and handlers of agricultural products who are obtaining or renewing their certification under the [National Organic Program](#).
- [Sustainable Agriculture Research and Education Program](#) - grant funding for research and education projects that advance sustainable agricultural practices.
- [Grants for Fish Farms and Aquaculture](#)

## Agriculture Trade Publications

- [Successful Farming](#)
- [AgWeb Farm Journal](#)
- [Farmers' Almanac](#)
- [Farms.com](#)
- [Amber Waves](#)
- [Produce Grower](#)
- [Growing Produce](#)
- [The Grower Magazine](#)
- [Vegetable Growers News](#)

- [Fruit Growers News](#)
- [Greenhouse Product News](#)
- [Nursery Management](#)
- [Aquaculture North America](#)
- [The Fish Site](#)

## Business Plans

- [Agriculture Farm Business Plan](#)
- [Farm Business Plan](#)
- [Organic Farming Business Plan](#)
- [Agricultural Business Plan Template](#)
- [How to Write a Farm Business Plan](#)
- [Urban Farm Business Plan Handbook](#)

See also: [Business Plans](#)

## Additional Resources

Already in business or thinking about starting your own small business? Check out our various small business resources:

- View more industry-specific research here: [Market Research Links](#)
- View small business help topics here: [Small Business Information Center](#)
- View business reports here: [Small Business Snapshots](#)
- View business plans samples here: [Sample Business Plans](#)

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