

# Smithfield Foods Inc.

Smithfield. United States — 1,241,000 sows Good food. Responsibly.

Smithfield Foods is a \$15 billion

global food company and the world's largest pork processor and hog producer. Based in Smithfield Va., the company was started in 1936 by the Luter family. Smithfield employs more than 54,000 people in North America and Europe. The company ships meat exports to 4,600 customers in 40 countries around the globe. Smithfield is a subsidiary of WH Group, and these sow numbers are in addition to WH Group's other company sow production numbers.

#### Wens

#### China — 1,200,000 sows

Established in 1983, Wens has



become a modern agricultural firm, with its main business in livestock farming. Other supporting segments including financial investment, production of agricultural and husbandry equipment, pharmaceuticals, livestock breeding, food processing, promotion of fresh products, etc. Wens produced 22.3 million hogs in 2018. The company's mission is to be a "company plus family farms," and it implements a "onestop business model" to operate and manage its integrated industrial chain.

### **CP Foods**

#### China — 800,000 sows

The Charoen Pokphand Group is a diversified transnational conglomerate that consists of three core businesses that operate in the agri-food industry, retail and distribution, and telecommunications, as well as involvement in 10 additional industries such as finance, real estate, pharmacy, etc. CP Foods conducts business in more than 100 countries and employs more than 350,000 employees around the world. CP Group's revenue from the agri-food sector totaled \$5,6 million, with 65.6% coming from China and 34.5% from



# Muyuan

#### China — 680,000 sows

Muyuan Foodstuff Company Ltd. was established in 1992 and formed its pork production business model as "self-



farming and multiplication, large-scale integration." Currently, the company has 88 wholly owned subsidiary companies and two joint stock companies. In 2018, the company marketed 11.01 million hogs and established an annual capacity of producing 5 million tons of feed and slaughtering 1 million hogs. The company has formed a completely closed pig production industrial chain integrated with research and development, feed processing, breeding pig multiplication and commercial pig farming.

## Triumph Foods United States — 487,200 sows

Triumph Foods was formed in 2003

by a group of the largest U.S. independent pork producers, with operations beginning in 2006, and it is now the secondlargest pork processor in the United States. Its goal was to establish a fully integrated pork industry model. Today, the business includes one processing facility in St. Joseph, Mo., along with a joint venture plant with Seaboard Foods in Sioux City, Iowa, as well as three further processing facilities under Daily's Premium Meats.

## Zhengbang Group China — 400,000 sows

Founded in 1996, Zhengbang Group is a national agricultural industrialization-leading enterprise with headquarters in Nanchang

City, Jiangxi Province, China. The main scope of business includes animal husbandry, crop planting, agricultural materials marketing, distribution and financing. Zhengbang employs more than 35,800 people and has 315 branches across China. In 2018, the company produced over 5.5 million hogs.

## **BRF**

#### Brazil — 400,000 sows



BRF is one of the largest food companies in the world, with more than 30

brands in its portfolio. BRF is the result of a merger between Sadia and Perdigão, two of the primary food companies in Brazil. As the process was concluded, both Sadia and Perdigão stopped functioning as independent companies and became subsumed as brands under BRF's portfolio.

## Seaboard Foods United States — 340,000 sows Seaboard Foods is an integrated

SEAB@ARD

food company producing and marketing pork both domestically and internationally. Seaboard has processing facilities in Guymon, Okla., and Sioux City, Iowa, as well as further processing at its co-owned facility with Triumph Foods, Daily's Premium Meats. Seaboard has 5,200 employees and operates in numerous states.

## Cooperl

## France — 251,000 sows



Cooperl is a private agricultural cooperative with headquarters in

the Brittany region of France. The company was founded in 1966 by 24 farmers, and today it has 2,700 members producing 5,5 million pigs. As the leading integrated pork producer in Europe, it has aggressively invested in specialized pig production through feed mills, packing plants and stores.



## Pipestone Veterinary Services

# PIPESTONE

#### United States — 251,000 sows

Pipestone Veterinary Services has provided quality care to animals, large and small, since 1942. Pipestone System shareholders are Midwest farmers who share the values of supporting animal care and bringing the next generation back to the family farm.

# Iowa Select Farms United States — 242,500 sows



lowa Select Farms is the largest privately owned pork production

company in the United States. Located in lowa, the company has 242,500 sows and markets over 5 million hogs annually.

## Vall Companys Spain — 213,000 sows



Vall Companys

Vall Companys is a leading familyowned agribusiness firm established in 1956. In 2018, the
company produced 4.5 million head of pigs, along with 72
million head of poultry, 1.79 million metric tons of feed and
470,000 metric tons of flour. The company works with 2,100
associated farms and 5,500 collaborators. Vall Companys
is based on an integration model in which farmers provide
facilities and labor. The rest of the services — animals, feed,
veterinary control — are provided by the integrating company.

#### Truein

#### China — 200,000 sows



Truein Group was established in

1988. Today, the company is a fully integrated industrial value chain system covering the grain trade business, feed production, breeding and multiplication, pig farming, slaughtering and processing, cold chain logistics, terminal sales and online business. The company has been exploring a new model for local "black pig" farming; in the meantime, it has been expanding the commercial pig farming scale for the three-way crossbreeds Duroc, Landrace and Yorkshire. In 2018, Truein Group produced 2.27 million hogs.

## Tech-Bank

# Hanswine of TECHBANK

### China — 200,000 sows

Ningbo Tech-Bank Company Ltd. was founded in 1996 and went public with an initial public offering in 2007. The company has five business lines, including aquatic feed, biological products, pig breeding (Hanswine), fresh food (Fantast) and engineering construction (Tech-Bank Kaiwu). In the area of pig breeding, Hanswine Food Group strategically invested in Choice Genetics, and it multiplies the genetics for the Chinese hog market. Tech-Bank produced 2.17 million hogs in 2018.

### The Maschhoffs United States — 196,000 sows



The Maschhoffs family farm dates

back to 1851 in Carlyle, III. Today, more than 4 million pigs are raised each year, combining company farms and independent production teams. The Maschhoffs is one of the largest family-owned pork production networks in North America.

## Aurora Alimentos

#### Brazil — 186,000 sows



Founded in 1969, Cooperativa Central Aurora Alimentos is one of Brazil's

largest industrial complexes and is a global leader in meat processing technology. Its operation covers pork, poultry and dairy, with more than 850 products marketed. Aurora Alimentos serves customers in Brazil and internationally.

# Prestage Farms United States — 185,000 sows



Prestage Farms was founded in 1983 by

Prestage Farms

Bill and Marsha Prestage and is a leader in both pork and turkey production. This year, the company opened its newest processing facility in Eagle Grove, Iowa. Prestage is committed to customer satisfaction, and it has operating divisions across five states in the U.S.

### Cofco Group China — 180,000 sows



Based in China, Cofco Group has global distribution in agriculture, grain, oil and

foodstuffs, and it does business in more than 140 countries and regions all around the world. Cofco Meat Co. was formed under the Cofco Group in 2016, with its business involved in feed manufacturing, pork production, slaughter, production and sales of fresh pork and meat products, and import and sales of frozen meat products. The company has two core brands for fresh pork and meat products, Jia Jia Kang and Wan Ke Wei. In 2018, the company produced 2.55 million hogs, with production mainly based in the provinces of Jiangsu, Hubei, Jilin and Hebei.

# Carthage System United States — 180,000 sows



Established in 2000, the Carthage System is managed by Professional Swine Management in Carthage, III. The Carthage System has a long-standing history of successfully partner-

ing with farm families across the Midwest looking to invest or expand their pork production. It is committed to helping these families remain an important part of our nation's food supply. The Carthage System has continued to experience growth with a focus on learning, teaching and understanding new technologies.



#### **IBS**

#### United States — 167,500 sows

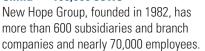


JBS is based in the United States.

The diversified company is the largest cattle feeder in the world and the leading beef processor in Canada. JBS is the majority shareholder of Pilgrim's Pride Corp. JBS believes in buying locally, adding \$15 million in livestock payments to the economy.

# New Hope Group

#### China — 160,000 sows





It is located in more than 30 countries and regions around the world. New Hope Liuhe Corporation Ltd. under the group was established in 1998 and became a listed company in the Shenzhou Stock Exchange Market in the same year. New Hope Liuhe is focused on the development of food and modern agriculture. It is a wholly integrated industrial chain, covering the business of feed, farming, meat products and financial investment across China and in nearly 20 countries, such as Vietnam and the Philippines. New Hope Liuhe produced 3.1 million hogs in 2018.

# Agrosuper Chile — 150,000 sows



The largest swine producer in Chile, Agrosuper was founded in 1955. A

vertically integrated business, Agrosuper is a subsidiary of Promotora Doñihue Ltda. and is engaged in the production, distribution and marketing of chicken, pork, turkey, salmon and processed foods worldwide. The company's brands include Super Pollo and Super Cerdo, among others.

## AMVC Management Services



#### United States — 143,000 sows

AMVC Management Services is focused on providing solutions to total herd management and prides itself in offering customers a progressive systems approach to quality pork production. AMVC has more than 600 employees and 19 veterinarians on staff, and it manages 40 sow farms ranging from 1,200 sows to 10,000 sows.

## Miratorg

### **Russia** — 138,000 sows

МИРАТОРГ

Russia's largest pork producer, Miratorg is currently in the process of building

new farms, feed mills and a slaughter plant to double production. This is a four- to five-year project. Fully integrated from farm to plate, Miratorg's business includes crop production; feed mills; farms; slaughter; fresh meat processing; further processing, including ready meals; distribution; branded supermarkets; developing export markets for pork (heat-treated); and offal products. Miratorg is also Russia's largest beef producer, with more than 500,000 cattle.

#### Piensos Costa

#### Spain — 120,000 sows



A leading Spanish family-owned agrifood group, Costa Group was founded in 1966. The business includes every

segment of pork production, from manufacturing animal feed and management of the integration to slaughtering, cutting and commercialization of the product. Costa Group is the first "white pig" meat group to achieve the AENOR Conform Animal Welfare certificate on all of its farms and in its entire production process. On the swine side, Costa Group has produced 3 million hogs.

# Betagro Group Thailand — 120.000 sows

Founded in 1967 under the name of Betagro Company Ltd., Betagro Group started its business with its first feed mill in Pra Pradaeng, Samut Prakan



Province. The group has grown substantially ever since: first, by establishing a livestock production facility in Pak Chong, Nakhon Ratchasima Province; and then expanding further into the integrated agricultural sector with a complete production base in Lopburi Province, which includes everything from manufacturing and livestock farming to animal breeding. The group has also developed strategic collaborations with local farmers. Examples include price guarantees for broilers and layer chickens; contract farming for fattening swine; production and distribution of hygienic and fresh pork, chicken and eggs; manufacturing of processed foods for domestic consumption; and export to international markets. Betagro is Thailand's second-largest swine producer and has plans to expand, as well as ban both types of sow crates. The company hopes that in 10 years, the measure will apply to 250,000 sows.



## Olymel

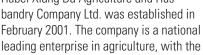
#### Canada — 106,000 sows

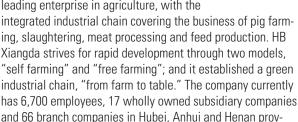
Located in Quebec, Canada, Olymel was founded in 1991 by its principal owner



## HB Xiangda China — 105,000 sows

Hubei Xiang Da Agriculture and Hus-





inces. The company produced 2.2 million hogs in 2018.

## Rusagro

#### Russia — 104,000 sows

Russia's second-largest pig producer, with operations in the Belgorod



and Tambov regions of the country, Rusagro's pig business is fully integrated. Known for its products under The Butcher's Word brand, Rusagro is currently building new farms in the far eastern region of Russia, near the border with China. The first phase of this business will be to house 30,000 sows to supply pork to the local area. The plan could grow considerably if continual exports to China become a reality. Rusagro is also planning another 60,000 sow expansion in Samara, Russia.

### Maxwell Farms United States — 100,000 sows

A subsidiary of Goldsboro Milling Co., Maxwell Farms was estab-



lished in 1989. The firm is committed to genetic improvement and is one of the leading North Carolina pork production companies.

## Yangxiang China — 100,000 sows

Yangxiang Corporation Ltd. was founded in 1998, and it has 39 subsidiary companies and branch companies with 5,000



employees. A scientific and technological agricultural and husbandry enterprise with an entire industrial chain integrated with business, Yangxiang is involved in pig breeding, hog production, swine semen, pig feed and pig equipment. The company produced more than 2 million hogs in 2018. In the future, the company aims to use internet technology to find more ways to implement "intelligent pig farming," and explore easier and more efficient ways to raise pigs. The company marketed 2.27 million hogs in 2018.