

United States Pea Protein - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The United States Pea Protein Market size is estimated at 351.4 million USD in 2025, and is expected to reach 426 million USD by 2030, growing at a CAGR of 3.93% during the forecast period (2025-2030).

Manufacturers taking advantage of pea protein's structural functionality in various industries

- After animal feed, F&B remains the second-largest segment, majorly led by the meat alternative industry. The industry alone accounted for over 38.3% of pea protein volume consumed by the F&B sector in 2022. This can be attributed to properties offered by pea protein, including a similar amino acid profile as meat and its hypoallergenic quality that sets it apart and above mainstream sources such as soy. Key formulators like Lightlife Foods and Beyond Meat are increasingly coming up with plant-based meat alternatives, with pea protein being a major ingredient.
- Apart from its numerous functionalities, pea protein does not lose structural functionality under high temperatures, which is the primary factor driving its demand in the F&B segment. The segment also remained the fastest growing, with a projected volume CAGR of 8.56% between 2023 and 2029. The utilization of pea protein is expected to see significant growth in the US snacks market. High-protein, low-fat, and low-carb are the new trending keywords that snack companies look to add to their product characteristics. Some major brands offering snacks with pea protein as an ingredient are Siren Snacks, Larabar, and Simply Protein.
- Another fast-growing sub-segment for pea proteins is the sports and performance nutrition products category, which is projected to register a CAGR of 8.12% from 2023-2029. Some fitness proponents recommend pea protein to increase vegans' and vegetarians' protein consumption. The amino acids in pea proteins can be utilized almost as well as those found in animal proteins. Compared to dairy and soy, peas are less likely to cause allergies, do not worsen lactose intolerance, and, unlike soy, are

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usually not made from GMO plants.

United States Pea Protein Market Trends

Growth in plant protein consumption provides opportunities for key players in the ingredients market

- The per capita consumption rate of plant proteins is increasing at a considerable rate in the United States, supported by investments and innovations, resulting in a consumption rate of 40.28 grams per day, primarily due to a rising number of consumers turning vegan to promote animal welfare. This is because factory farming, where animals are maltreated, is a norm in the United States. Most Americans eat less meat and animal products, but they do not eliminate their consumption entirely. They also tend to be more flexitarian than vegan or vegetarian. Nearly 12% of consumers in the country prefer a plant-based diet, whereas 7% of consumers follow a flexitarian diet. Although consumers of all generations in the United States are interested in plant-based meals, individuals in their 20s and 30s are the keenest to adopt plant-based diets.
- There is a constant rise in the per capita consumption of pea protein due to its wide applications in different food products, like meat, poultry, and bakery products. Around 41% of consumers are interested in plant-based food derived from pea protein. Pea protein is mainly used in sports nutrition and meat alternatives. A typical serving of pea protein powder is 30 grams, with 25 grams of protein. Athletes usually use one serving per day but may take as many as three servings per day.
- Soy and whey proteins are used primarily in the food and beverage, supplement, and sports nutrition industries. In 2021, around 36% of consumers were familiar with soy protein and had consumed the same, whereas 31% of individuals consumed whey protein in the US. Similarly, the consumption of soy-based food and beverages favorably increased by 12.9% during 2014-2019, and it is likely to remain consistent throughout the forecast period.

The United States is one of the major pea producers globally

- Dry peas are considered the major raw material source for pea protein extraction, and the production data mentioned above is for dry peas only. As most farmers are planting peas to help crop rotation, pea production is flourishing in the country. Many manufacturers have been using pea protein as one of the major ingredients, especially Beyond Meat Inc. and Impossible Burgers. As a result, the production of peas in the United States increased by around 42% from 2017 to 2020. Pea protein can also substitute gluten as a stabilizer in snacks and cereals. After extensive research, pea protein is also entering the gluten-free market, as gluten is believed to cause intestine inflammation in some cases.
- Data shows that growers in the United States are expected to seed about 20% more field peas than in previous years. US farmers also cut acres of principal crops, including corn, soy, and wheat, by about 3%. In 2019, Montana's cultivated dry pea area was estimated at 198,300 ha, up by 44% from the previous year. The cultivated dry pea area in North Dakota was estimated at 163,900 ha, up by 8% from the previous year. In northern Central America, pea crops fall under the yellow (70%) and green (30%) categories, where yellow peas are the most used raw material to produce pea protein.
- According to the USA Dry Pea and Lentil Council, in the United States, some of the growers who had shifted to chickpeas ended up using dry seedling peas instead. Manufacturers in the pea protein market are also more focused on developing new and innovative offerings to fulfill consumers' changing needs and demands by using advanced technologies. As there is a higher level

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of certain amino acids in peas, it provides an opportunity for the players to tap into the potential posed by innovation.

United States Pea Protein Industry Overview

The United States Pea Protein Market is fragmented, with the top five companies occupying 25.91%. The major players in this market are Archer Daniels Midland Company, Bunge Limited, International Flavors & Fragrances, Inc., Kerry Group PLC and The Scoular Company (sorted alphabetically).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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