Permeate: Perfectly Popular

Permeate has become a versatile ingredient solution across the food and beverage industry.

Over the past decade, the number of tracked new product introductions using permeate have soared globally. It’s no surprise, given this ingredient’s multifaceted benefits, including: flavor enhancement, sodium reduction, nourishing minerals, browning and cost savings.

Compound annual growth rate (CAGR) of **17.7%** between 2014–2019

The number of tracked new products with permeate **doubled** from 2015 to 2019

**11.1% increase** from 2018 to 2019

**Permeate use is expanding and diversifying globally.**

North America and Western Europe accounted for 50% of all permeate product launches, with the rest of the world making up the other 50%.

What are the top markets for permeate?

For five consecutive years, the United States has led the way, with 1 in 5 products launched in the USA.

- **#1 USA**
  - 21.8% • 116 products
- **#2 BRAZIL**
  - 8.5% • 45 products
- **#3 UK**
  - 7.7% • 41 products
- **#4 FRANCE**
  - 5.8% • 31 products
- **#5 PHILIPPINES**
  - 4.0% • 21 products

In 2019, increased launches in Latin America, Asia, and the Middle East expanded these regions’ share of global launches vs. 2018.

The number of new product launches in the USA has risen by an 8% CAGR between 2015 and 2019.
How is permeate being used?

In total, the top five categories account for 3/4 of tracked new permeate food and beverage product launches.

Other key categories include:
- Ready meals and side dishes: 6.6%
- Desserts and ice cream: 4.7%
- Cereal: 2.3%
- Soft drinks: 1.3%

Bakery is booming! It’s been the #1 category for permeate launches over the past 5 years.

Snacks are expanding! Usage spans finger foods as well as potato, corn and rice-based snacks.

Drink up! Take a deeper dive into permeate beverages.

Beverages are a large and diverse segment for permeate use. In 2019, 97 beverage products were launched, up from 76 in 2015.

Opportunity awaits: U.S. permeate production is climbing.

The USA is the world’s largest producer of permeate, producing 523,200 MT in 2019. With an ample and growing supply, we’re here to help you incorporate this versatile, cost-saving, flavor-enhancing dairy co-product into your formulations.

Let’s innovate together!

To learn more, contact info@thinkusadairy.org.

Data Sources: Innova Market Insights, Innova Database; industry sources (for U.S. permeate production data).
Permeate includes whey permeate, milk permeate and dairy product solids.