

# Soy Overview

**80%**  
**MEAL**

The primary component of soybeans is meal.



**20%**  
**OIL**

The other soybean component is oil.



**61% FOOD**

Sixty one percent of soybean oil is used for frying and baking food as a vegetable oil and as an ingredient in foods like salad dressings and margarines.



**31% BIODIESEL & BIOHEAT**

Thirty one percent of soybean oil is used for biodiesel and Bioheat.



**8% INDUSTRIAL USES**

Less than eight percent of soybean oil is converted into industrial uses like paints, plastics and cleaners.

**34%**

**PROTEIN**  
(essential and nonessential amino acids)

**21%**

**INSOLUBLE CARBOHYDRATES**  
(fiber)

**19%**  
**OIL**

**13%**  
**MOISTURE**

**9%**

**SOLUBLE CARBOHYDRATES**

**4%**

**ASH**  
(minerals)

**97%**

**ANIMAL FEED**

Ninety seven percent of U.S. soybean meal is used to feed poultry and livestock.



**3%**

**FOOD PRODUCTS**

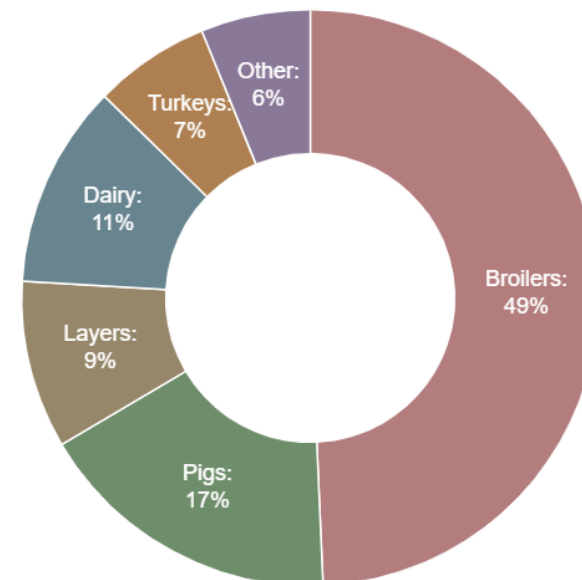
Three percent of soybean meal is used in food products like protein alternatives and soybean milk.



Source: USB Market View Database, 2017/2018 © 2019 United Soybean Board [58557-24]



Market	% of Global Production	Total Production (2024/2025, MMT)
Brazil	40%	169
United States	28%	118.84
Argentina	12%	49
China	5%	20.65
India	3%	12.58
Paraguay	2%	10.2
Canada	2%	7.57
Russia	2%	7.05
Ukraine	2%	7
Bolivia	0.88%	3.7



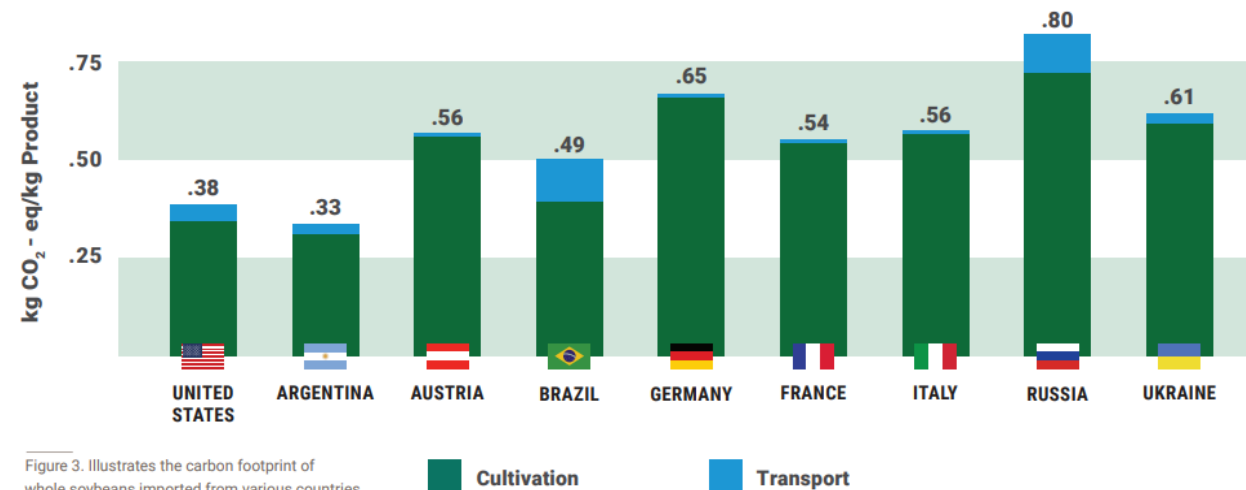
# Attributes

- Highly digestible protein source (suitable amino acid profile) for many aquaculture species
- Well suited for extrusion
- Several product forms available for different applications
- Widely available, globally traded, commodity ingredient

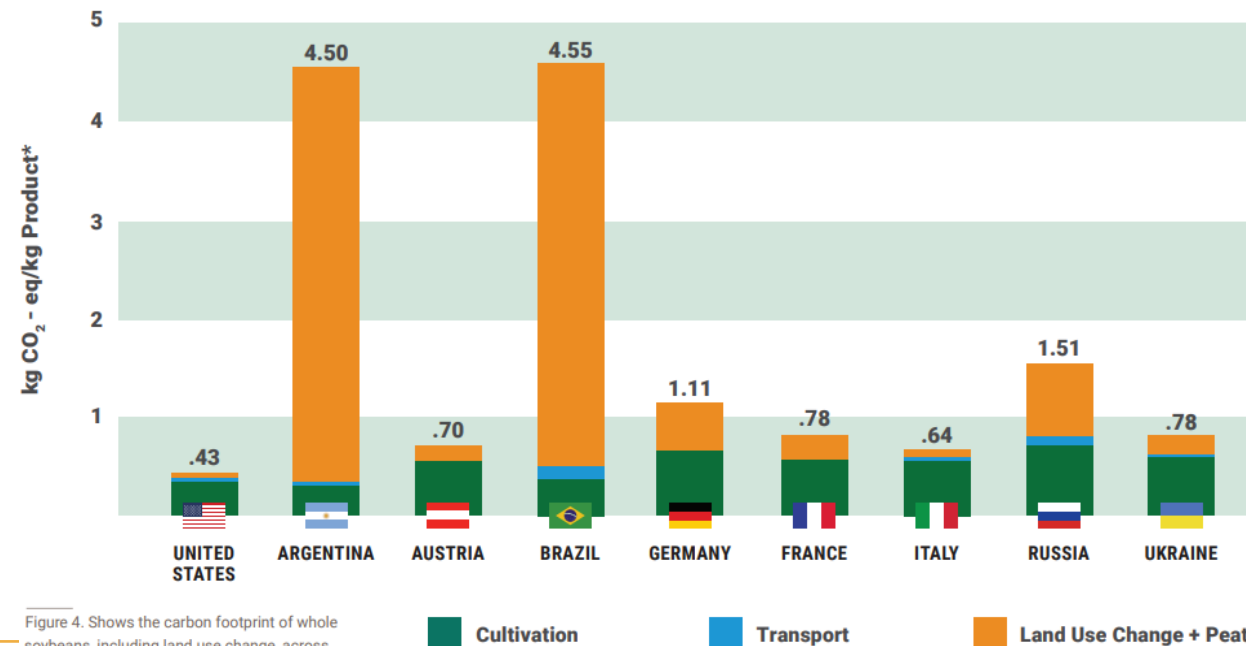
# Risks

- Land Use Change associated with soy from some origins
- Anti-nutritional factors limit inclusion for some aquaculture species

## EXCLUDES LAND USE + PEAT

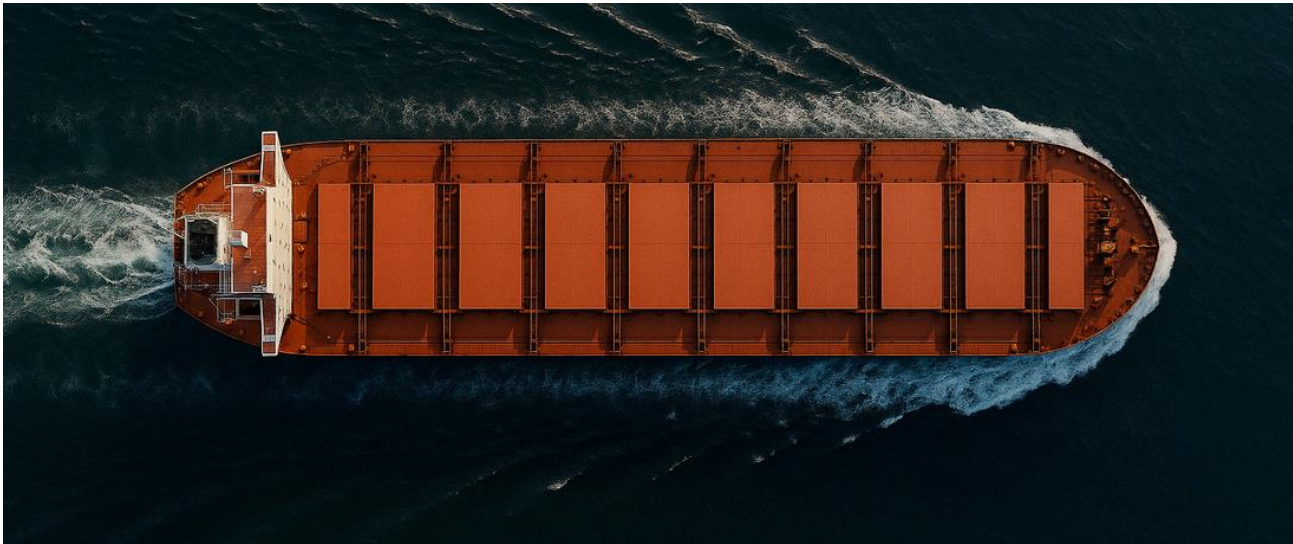


## INCLUDES LAND USE + PEAT



# The Future of Soy

- Continuous availability at industrial scale
- Further processing to increase inclusion rates (soy protein concentrates, fermented soybean meal, soy lecithin, etc.)
- Complimentary use with novel ingredients



## What Is Soy Protein Concentrate (SPC)?

And Why Does It Matter For [Aquafeed?](#)

