PURIS®

ORGANIC PEA STARCH SUSTAINABILITY



MADE IN USA | NON GMO Project VERIFIED | USDA ORGANIC | GLYPHOSATE RESIDUE FREE | UP CYCLED CERTIFIED | SOY | GLUTEN

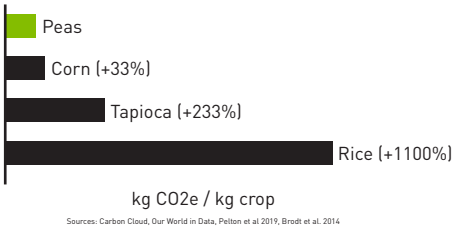
WHY IT MATTERS

Today's consumers expect more—clean, sustainable, and organic. **PURIS® Organic Pea Starch** offers a domestic, certified organic, Upcycled Certified™, and versatile solution for all starch applications. Meet your customers' growing demands for regenerative and organic ingredients while supporting a transparent, made in the USA supply chain with PURIS.

SUSTAINABILITY BENEFITS & STARCH COMPARISON

Peas are the lowest carbon crop with the smallest greenhouse gas potential compared to other starch crops (**Figure 1**). Grown in the USA, this climate-smart crop enables regenerative agriculture in multiple ways:

Figure 1: GHG Potential of Starch Crops



Sources: Carbon Cloud, Our World in Data, Pelton et al 2019, Brodt et al. 2014

Peas fix nitrogen in the soil naturally, **reducing fertilizer usage**.

Peas use less water than other crops, **conserving moisture** for the next crop.

Peas enable **no and low tillage operations** due to shallow root structures that provide soil tilth.

The 2024 Life Cycle Assessment (LCA) of PURIS® Organic Pea Ingredients shows that our Organic Pea Starch has significantly lower GHG emissions than common alternatives like rice, tapioca, corn, modified, and other pea starches (**Figures 2 & 3**). By choosing PURIS® Organic Pea Starch, you can achieve superior functionality while r**educing your Scope 3 emissions by over 94%**, meeting your sustainability goals, and backing it up with verified product-specific LCA data.

Fig. 2 - PURIS Organic Pea LCA

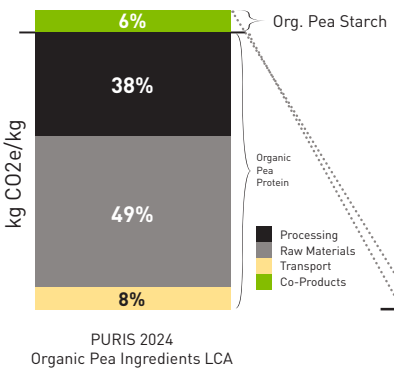
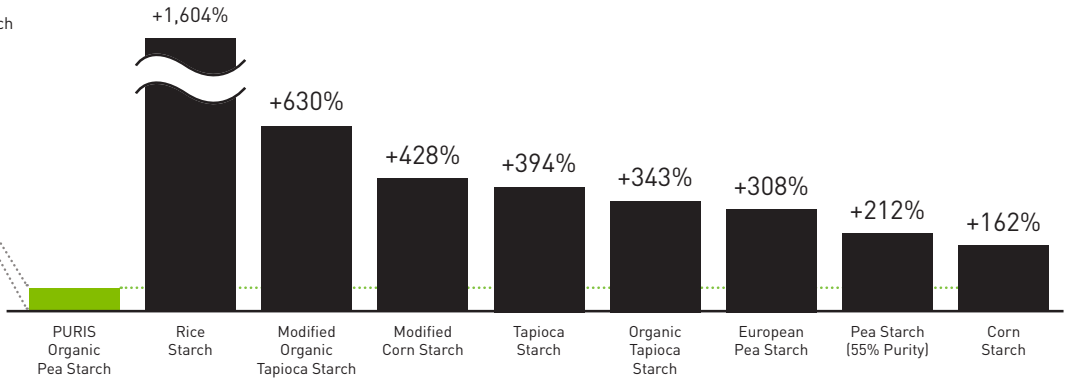


Fig. 3 - PURIS Organic Pea Starch Compared to Common Starch GHG Emissions



Sources: PURIS 2024 LCA, PlanetFWD Database, Carbon Cloud

Retail giants like Walmart and Costco are driving ambitious sustainability initiatives such as Project Gigaton and Climate Action Plan. These retail buyers are looking to brands to help achieve their environmental targets. Contact us today to explore how PURIS® Ingredients can help you reach your goals and on to more buyers' shelves. Let's work together to tell a data-backed story on sustainability & nutrition.

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