



Press Release

For Immediate Release

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Arbiom Scales Up Production of SylPro® High-Protein Ingredient from Wood
Production advance commercialization of Wood to Food technology

Durham, N.C., December 17th, 2018 – [Arbiom](http://www.arbiom.com), an agricultural-biotechnology company developing bioprocessing technology to convert wood into food, announced today it has successfully produced tonnage quantities of its high-protein ingredient - SylPro® enhanced torula yeast – at a combined 80,000-L industrial fermentation scale with partners around the world.

“This is a significant milestone for Arbiom that further advances commercialization of Arbiom’s Wood to Food technology, and provides us with substantial volume of SylPro for animal trials and customer samples,” said Dr. Alex Berlin, Arbiom’s Chief Technology Officer.

Arbiom is scaling-up its technology which combines woody biomass fractionation and bioprocessing (fermentation and downstream processing) expertise to produce SylPro from wood residues & waste, representing a valuable non-fossil, non-food carbon raw material that is industrially-available. SylPro represents a more sustainable alternative to conventional protein sources, with minimal impact on the environment and less land and water required to meet the growing protein deficit.

SylPro is a nutritional, economical, traceable, and sustainable protein-rich ingredient that has been developed to solve the challenges of protein sourcing and improve gut health for aquaculture and livestock producers. SylPro is an enhanced strain of torula yeast (*Candida utilis*), a globally-approved feed and food ingredient with a history of safe use.

The new production of SylPro in tonnage volumes enables Arbiom to launch several animal feed trials to validate its nutritional quality as a protein source for several species, including salmon, tilapia, hybrid striped bass, weanling pigs, and companion animals (dog and cat). Trial performance data measuring growth rate, body weight, feed intake, and feed conversion ratio will be available over the course of 2019. More studies to assess additional nutritional benefits of SylPro, such as growth promotion, gut health and palatability, will take place in 2019 as well.

“We look forward to continuing animal trials to conclude the benefits that SylPro delivers as a protein source for animal nutrition, and to sharing SylPro samples with selected partners,” said Berlin.

To learn more about Arbiom, visit www.arbiom.com.

About Arbiom:

Arbiom is committed to meeting the sharp increase in global food and resource requirements with technology that transforms the most sustainable and readily available carbon source in the world – wood – into intermediate materials for a range of applications in the feed, food, and chemicals industries. Arbiom’s technology platform integrates the company’s proprietary biomass fractionation and bioprocessing technology (fermentation and downstream processing)

expertise to convert wood into food. Arbiom is partnering with biomass stakeholders and leading firms in aquaculture, biotechnology and bio-based industries to continue developing and scaling up its technology. Headquartered in Durham, North Carolina, Arbiom has offices in Paris, France, and Norton, Virginia, where it operates a pilot plant. More information at www.arbiom.com

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