



# Press Release

**For Immediate Release**

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**Maintenance Trial Results Show Efficacy of Wood-Derived Yeast as Protein Source for Healthy Dog Nutrition**

*AgTech company reaches significant milestone on path to commercialize novel alternative protein product for pet food with promising results from first scientific study*

**Durham, N.C. – September 10, 2019** – [Arbiom](#), an agricultural-biotechnology company developing solutions to convert wood into food, today announced the results of a recently completed research trial evaluating Arbiom SylPro®, a high-quality alternative protein ingredient for use in pet food. In collaboration with Four Rivers Kennel, and based on guidelines set by the [Association of American Feed Control Officials \(AAFCO\)](#), a dog maintenance study was designed to compare SylPro to chicken meal, a conventional protein ingredient in dogfood.

The study evaluated the nutritional performance of SylPro in adult dog food over the course of a 26-week trial. A colony of eight adult Labrador retrievers were fed a diet of food formulated with SylPro replacing chicken meal. The research team measured body weight, determined critical blood values, and assessed stool quality throughout the trial, and noted clinical observations.

“The study results validate that Arbiom’s protein product can be a nutritional, sustainable, natural, and traceable alternative protein ingredient for use in adult dog food,” said Dr. Craig Coon, President of Four Rivers Kennel and Professor at the University of Arkansas-Fayetteville.

The study results fulfilled AAFCO requirements set forth for weight maintenance and health in adult dogs. Further, stool quality was significantly improved in dogs fed SylPro over the course of the trial, showing a 1-point improvement by the end of the study (1-5 scale). These findings indicate that SylPro can be used to replace chicken meal in dog food and deliver equivalent nutritional performance. Additionally, results from a previous study indicated that SylPro confers additional functional benefits as a binder, allowing formulators to reduce the need for soy or wheat as binding agents.

“We saw promising results compared to the control diet in our dogs’ acceptance of the new food and overall health and performance,” Dr. Coon said.

Arbiom has developed SylPro as a high-quality protein source that can replace or complement the use of animal or plant-based protein ingredients for sustainable animal nutrition. SylPro is a yeast single-cell protein (SCP), that is produced from wood-derived media in fermentation and final downstream processing stage to achieve the appropriate nutritional and functional attributes for use in animal feed.

“The promising results from this study highlight the potential of SylPro to be a high-quality, sustainable protein source for companion animal nutrition. We look forward to continuing our research and development initiatives, and working with industry partners in pet food to develop this high-performance alternative protein product for use in pet food,” said Emily Glenn, Business Development Director for Arbiom.