

AquaBounty Technologies, Inc.
("AquaBounty" or "the Company")

FDA Approves AquaAdvantage[®] Salmon

MAYNARD, Massachusetts, 19 November 2015 – AquaBounty Technologies, Inc. (AIM: ABTU; OTC: AQBТ), a biotechnology company focused on enhancing productivity in aquaculture, and a majority-owned subsidiary of Intrexon Corporation (NYSE: XON), announces today that the U.S. Food and Drug Administration (FDA) has approved the Company's New Animal Drug Application for the production, sale, and consumption of its AquaAdvantage[®] Salmon, an Atlantic salmon that has been genetically enhanced to reach market size in less time than conventional farmed Atlantic salmon.

Ronald L. Stotish, Ph.D., Chief Executive Officer of AquaBounty, commented, "AquaAdvantage Salmon is a game-changer that brings healthy and nutritious food to consumers in an environmentally responsible manner without damaging the ocean and other marine habitats. Using land-based aquaculture systems, this rich source of protein and other nutrients can be farmed close to major consumer markets in a more sustainable manner."

The U.S. currently imports over 90% of all the seafood, and more specifically over 95% of the Atlantic salmon, it consumes. AquaAdvantage Salmon will offer the opportunity for an economically viable domestic aquaculture industry while providing consumers a fresh and delicious product.

Through greater efficiency and localized production, AquaBounty's AquaAdvantage Salmon increases productivity while reducing costs and the environmental impacts associated with current salmon farming operations. Land-based aquaculture systems can provide a continuous supply of fresh, safe, traceable, and sustainable AquaAdvantage Salmon to communities across the U.S. and do it with a reduced carbon footprint. Importantly, it offers an alternative approach to fish farming that does not exploit the oceans.

Jack A. Bobo, Senior Vice President and Chief Communications Officer at Intrexon, stated, "The U.S. Dietary Guidelines Advisory Committee encourages Americans to eat a wide variety of seafood—including wild caught and farmed—as part of a healthy diet rich in healthy fatty acids. However, this must occur in an environmentally friendly and sustainable manner. FDA's approval of the AquaAdvantage Salmon is an important step in this direction."

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About AquaBounty Technologies, Inc.

AquaBounty Technologies, Inc. is a publicly traded company whose largest shareholder is Intrexon Corporation (NYSE: XON). Intrexon is a synthetic biology company with diverse interests in medicine, food and agriculture, and fuels and the environment. AquaBounty is an aquaculture company focused on improving productivity in commercial aquaculture, a \$144 billion industry and the fastest-growing segment of the worldwide food industry. The Company's objective is the application of biotechnology to ensure the availability of high quality seafood to meet global consumer demand. AquaBounty is developing products to address critical production constraints in the most popular farmed species, focusing initially on salmon, trout, and tilapia. Its AquaAdvantage[®] fish program is based upon a single, specific molecular modification in fish that results in more rapid growth in early development.

Safe Harbor Statement

Some of the statements made in this press release are forward-looking statements. These forward-looking statements are based upon our current expectations and projections about future events and generally relate to our plans, objectives, and expectations for the development of our business. Although management believes that the plans and objectives reflected in or suggested by these forward-looking statements are reasonable, all forward-looking statements involve risks and uncertainties and actual future results may be materially different from the plans, objectives, and expectations expressed in this press release.

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