



CienciaMar Taps Aquaculture Expert to Head SuperSmolt® Efforts in Chile

Puerto Montt, Chile– September 11, 2002 – CienciaMar, a privately-held aquatic life sciences company, today announced the addition of Sr. Eduardo Aguilera to manage its growing business operations in Chile. As Country Manager, Sr. Aguilera will have general management responsibilities for CienciaMar and will lead the marketing and customer support efforts for the Company's breakthrough SuperSmolt® technology in the Chilean marketplace.

"With the growing interest in, and use of, SuperSmolt® in Chile we felt it was vital to have a local representative in order to deliver the level of product support and customer service we are committed to providing. We are very pleased to have Sr. Aguilera leading these efforts in Chile," said David Hughes, President of MariCal, CienciaMar's U.S.-based parent company.

The SuperSmolt® process uses CienciaMar's proprietary technology and advanced biological knowledge to create the ideal aquatic environment and nutritional conditions to naturally activate the adaptive process that allows salmon to move from freshwater to saltwater. SuperSmolt® gives producers greater control over smolt production, the flexibility to produce smolt at any time that suits their production schedule and the ability to produce smolt of consistently superior quality.

"The SuperSmolt® process is a breakthrough technology that is both easy to implement and deploy. This is good news for producers who want improved control over their production cycle," said Eduardo Aguilera.

Based out of Puerto Montt, Sr. Aguilera will provide hands-on technology implementation with current licensors, secure licensees of the process, design field trials where needed and oversee the deployment and use of the SuperSmolt® process throughout Chile. "Sr. Aguilera's in-depth knowledge of salmon and trout aquaculture will bring tremendous value to CienciaMar and its customers," said Hughes.

Sr. Aguilera has been the Fresh Water Production Manager for Salmenes Pacific Star S.A. in Quellon for the past 12 years. Prior to that he held positions with Bio Sur S.A. and Bio Mar S.A. in Quellon, and he was Research Assistant and Instructor Lecturer at the Pontificia Catholic University of Chile, Talcahuano campus. He holds degrees in Marine Biology from Universidad de Concepcion and a diploma in Business Management from Austral University of Chile.

“Chilean producers seeking ways to increase production flexibility and increase the quality of their smolt will find the SuperSmolt® process a valuable solution,” said Eduardo Aguilera. “Smolt produced with the SuperSmolt® process have markedly superior performance characteristics, so the ultimate result is lower unit costs and increased profits for users. I look forward to my new role with CienciaMar and to promoting the use of SuperSmolt® throughout Chile.”

The SuperSmolt® process has undergone extensive commercial-scale testing in field trials on the East and West Coasts of North America, Chile and Norway, by independent parties. CienciaMar has worked with recognized producers, as well as respected, industry-sponsored research centers, subjecting the SuperSmolt® process to the most rigorous scrutiny using standard matched-control techniques.

SuperSmolt® is being used commercially to produce millions of superior smolt in 2002 in Norway, Scotland, Canada, Chile and the U.S.

About CienciaMar and MariCal

Formed in 2002, CienciaMar is a wholly-owned subsidiary of MariCal. Founded in 1996, MariCal develops and licenses innovative proprietary solutions that address critical problems facing the world’s aquaculture industry. The Company’s first product, SuperSmolt®, is a unique, patented process for producing superior salmon smolt. Through its breakthrough discoveries of a class of extracellular ion receptor proteins, called Calcium Receptors (CaR’s), the Company has isolated the biological “thermostat,” or “master switch” that enables fish and other aquatic organisms to sense and respond to salinity and nutrients in their aquatic environment. Natural and environmentally-friendly, the specific applications developed from these discoveries – ***which use neither genetic alteration nor the introduction of drugs or hormones*** – overcome barriers that have limited world aquaculture operations. (*Request our SuperSmolt™ and Calcium Receptor (CaR) Fact sheets, or see our web site for more detail.*)

CienciaMar is headquartered in Puerto Montt, Chile. For more information visit www.cienciamar.biz.

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