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## Ionogenics Announces Corporate Launch, Introduces First Environmentally-Friendly Weather Modification Technology to U.S. and Canadian Markets.

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BOSTON--(BUSINESS WIRE)--Feb. 25, 2003

Company provides public, private and government organizations a

means for combating the environmental and economic impact of drought,

[forest fires](#) and other weather adversities

Ionogenics, a company breaking new ground in the [weather modification](#) field, today announced the company's official launch and the immediate availability of its patented weather modification technology and services. Available to U.S. and Canadian markets, Ionogenics' weather modification technology safely alters the level of moisture in the air to produce or inhibit rain or snow. The technology can also create air currents to disperse fog. Public, private and government organizations looking to lessen the impact of adverse weather phenomena - drought, forest fires, and fog - will find value in the technology and services provided by Ionogenics.

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"Whether you are reading your local, national, business or trade newspaper, listening to your radio or watching the evening news, you cannot escape the barrage of coverage focusing on the environmental and economic impact caused by severe drought, forest fires and other weather related hardships," said Judy Lazaro, Vice President of Business Development at Ionogenics. "Now, water municipalities, water resource authorities, farmers, ranchers and risk management companies have an environmentally-friendly, field-proven, and economical means to combat these harsh weather conditions."

Although Ionogenics is a new company, its roots, technology, and resources run deep. Ionogenics' technology was originally developed by ELAT, a weather modification company initially launched in Russia in 1990 and subsequently relocated to Mexico in 1995. ELAT's weather modification technology - technology that Ionogenics will now make available to U. S. and Canadian markets - has been used by the Mexican government as part of a federally funded rain stimulation program operating in multiple Mexican states.

According to Dr. Roberto VonBertrab, Agricultural Secretary of the State of Aguascalientes, Mexico, "in the last two years, areas operating ELAT technology have experienced very favorable results. In fact, some areas in my state that typically get a range of [precipitation](#) between 250 and 325 millimeters (9.8" to 12.8") received precipitation levels greater than 700 millimeters (27.5")." In 2002, areas using ELAT technology achieved rainfall increases of 50% or more than the areas where ELAT technology was not used.

[Cloud seeding](#), a method currently used to modify the weather, has been in practice for over forty years. It is a process typically used to help create precipitation by injecting [silver iodides](#) into cloud formations. Unlike cloud seeding, Ionogenics' approach does not emit chemicals into the air, does not require aircraft, and is not dependent upon the

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presence of clouds to produce precipitation. Ionogenics' weather modification technique uses a process called electrification of the atmosphere. Generators are used to produce positive or negative ions into the atmosphere to achieve targeted conditions - an increase or decrease of moisture in the air, or a change in air currents, pressure or temperature.

Ions are common particles in the air and are naturally positively or negatively charged. An increase in ions alters the levels of condensation in the air. To achieve the desired weather modifications, various atmospheric elements must be assessed to determine the proper amounts of positive or negative ions to be broadcast into the air. Using ionogenics' electrification of the atmosphere process, an average precipitation increase of over 50% can be expected - far more than the 10-20% increase typically achieved by traditional weather modification methods.

Each Ionogenics' station covers approximately 3,000 square miles, a radius of influence of about 30 miles per station. Each station requires a plot of land approximately 600 feet by 600 feet or about 9 acres for the antenna. This antenna is placed on posts that are 25 feet or higher. The land under the antenna can be utilized for farming, cattle grazing or for its originally intended purposes.

**Pricing and Availability**

Ionogenics' weather modification services are available immediately and are sold on an annual lease basis. A one-year lease provides the hardware (computers, antenna, posts, and generator), the software and the actual turnkey operation of the hardware. Once an understanding of the area of coverage, control areas and desired results is defined, a lease price can be determined.

**About Ionogenics**

Ionogenics is dedicated to providing weather modification services designed to lessen the impact of some of nature's weather adversities. As the exclusive distributor of Electrification of the Atmosphere (ELAT) technology for the United States and Canada, Ionogenics is committed to helping public, private, and government organizations combat the negative results produced by certain weather conditions. Additional information about Ionogenics can be found at [www.ionogenics.com](http://www.ionogenics.com).

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