

SenesTech's ContraPest® Offers a Non-SGAR Rodent Control Solution to California Pest Management Professionals

FLAGSTAFF, Ariz., April 4, 2019 /PRNewswire/ -- SenesTech, Inc. (NASDAQ: SNES), a developer of proprietary technologies for managing animal pest populations through fertility control, fully supports and underscores their alignment with their California pest management professionals who are concerned with balancing rodent control with the protection of non-target wildlife species, by providing an effective non-lethal tool for rodent management, ContraPest®.

The Assembly of the State of California is once again considering a bill to amend the Food and Agricultural Code relating to pesticides (AB1788). The Bill would create the California Ecosystems Protection Act of 2019 and, in short, prohibit the use of the four major Second Generation Anticoagulant



Rodenticides (SGARs) commonly used in rodent pest control. The target problem being addressed in this bill is the vulnerability of wildlife to the lethality and ecologic persistence of these SGARs used for rodent control that have long-term health impacts on non-target species such as birds of prey, mountain lions, bobcats, fishers, and endangered species. These animals are a part of the public trust and vital ecosystems. In the preamble to the bill it is stated that "aquatic, terrestrial, and avian wildlife species remain a fully functional component of the ecosystems they inhabit and move through in California."

"The issue of balancing the conflict between rodent control and protection of other non-target wildlife species is not new, or just specific to California. Rodent infestations addressed by Professional Pest Managers impact human health, infrastructure, and other animals to a serious extent. Wildlife, which are adversely affected by some rodent control measures, are invaluable to our planet. Bridging the gap between these two issues has long been one of the goals of our development of ContraPest, our fertility control flagship product," said Dr. Loretta Mayer, CEO and co-founder of SenesTech.

"We believe that balance is critical in all approaches to mammalian interventions, and if we can control infestations without threat to other species, it is incumbent upon us to pursue that pathway. This has already begun in California. ContraPest is our first solution offered to the industry and there are already leading edge pest management companies who have aligned with us in deployment of ContraPest in Southern California and the San Francisco Bay area. We currently have seven pest professionals deploying ContraPest in their larger commercial accounts as well as zoos and animal sanctuaries and an additional ten that have an intent to deploy ContraPest in the near future," continued Dr. Mayer. "These deployments are showing that we can, as an industry, find the balance our customers and society demands."

Community stakeholders such as Poison-Free Malibu, Citizens for Los Angeles Wildlife, Raptors are the Solution and many others are among the responsible communities and cities that want to see rodenticide use restricted, due to the "unintended consequences" of non-target animals becoming poisoned, all the way to the top of the animal food chain. Our professional partners are answering the call.

"Pestmaster Services is offering alternatives to these harsh pesticides, and initiating ContraPest fertility control alternatives to our clients. The response has been very positive and we believe it will be a game changer in the manner in which rodent control is performed. We call it: 'Pest Management with Environmentality', and from residential accounts, to animal sanctuaries and to our government clients: this is cutting edge technology and a much-needed paradigm shift," said Jeff Van Diepen, President of Pestmaster Services.

SenesTech is changing the paradigm of pest management by targeting the root cause of the problem: reproduction.

ContraPest® is an innovative technology with an approach that targets the reproductive capabilities of both sexes in rat populations, inducing egg loss in female rats and impairing sperm development in males. Using a proprietary bait delivery method, ContraPest® is dispensed in a highly palatable liquid formulation that promotes sustained consumption by rat communities. ContraPest® is designed, formulated and dispensed to be low hazard for handlers and non-target species such as wildlife, livestock and pets, where the active ingredients break down rapidly.

We believe ContraPest® will establish a new paradigm in rodent control, resulting in a decreased reliance on lethal options. For more information visit the SenesTech website at www.senestech.com.

Safe Harbor Statement

This release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended and such forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. "Forward-looking statements" describe future expectations, plans, results, or strategies and are generally preceded by words such as "may," "future," "plan" or "planned," "will" or "should," "expected," "anticipates," "draft," "eventually" or "projected." You are cautioned that such statements are subject to a multitude of risks and uncertainties that could cause future circumstances, events, or results to differ materially from those in the forward-looking statements, including the risks that actual results may differ materially from those projected in the forward-looking statements as a result of various factors and other risks identified in our filings with the Securities and Exchange Commission. Forward looking statements include, but are not limited to, our expectation regarding sales commitments, our expectation regarding the conversion of sales commitments and programs to revenue, our belief that our product is more humane, less harmful to the environment and more effective than traditional methods, and our belief that ContraPest will establish a new paradigm in rodent control without environmental effects of rodenticides. All forward-looking statements contained in this press release speak only as of the date on which they were made and are based on management's assumptions and estimates as of such date. We do not undertake any obligation to publicly update any forward-looking statements, whether as a result of the receipt of new information, the occurrence of future events or otherwise.

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