EPA Approves Label Change That Expands Use of SenesTech's ContraPest in Feedlots

FLAGSTAFF, Ariz., Jan. 8, 2018 — SenesTech, Inc. (NASDAQ: SNES) announced today that the U. S. Environmental Protection Agency (EPA) has approved a label change for ContraPest®, SenesTech's innovative product for controlling rodent infestations through fertility control.

This label change expands the areas and circumstances under which ContraPest® may be used, including the use in feedlots and other agricultural settings with man-made structures.

"Together with our existing approved usage, including indoor non-food areas, this extends our ability to serve the pest management professional, who can now deploy ContraPest® around the perimeter of any man-made structure, not just buildings.

This is essential to our ability to serve feedlots, protein production facilities and many other agricultural settings that so urgently are seeking sustainable and effective alternatives to poisons," said Dr. Loretta P. Mayer, SenesTech's co-founder and CEO.

Dr. Mayer continued, "Nationwide, the USDA reports there are more than 2,000 cattle feedlots with over 1,000 head per feedlot. We hear that rat infestations cause a 10-20% reduction in yield or profit, and further that existing strategies are not effective. We believe this represents a clear value statement for the deployment of ContraPest®. While the cost of a ContraPest® deployment might cost from $100,000 to $800,000 per year, the yield improvement and cost savings to the customer might be in the millions."

"Specifically, within SenesTech's home state of Arizona," Mayer continued, "the Department of Agriculture has confirmed that ContraPest® is now allowable for use in the feed yards when used according to the label instructions. In Arizona alone, there are over 80 feedlots, for which we have dedicated a sales executive, and have begun responding to this new demand with proposals."

About SenesTech

SenesTech has developed an innovative technology for managing animal pest populations through fertility control as opposed to a lethal approach.

ContraPest's novel technology and approach 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, unlike rodenticides. In contrast, the historical approach to managing rat pest populations, rodenticides, carries a high risk of environmental contamination and the poisoning of non-target animals, pets and children. ContraPest® is a Restricted Use product.

We believe our innovative non-lethal approach, targeting reproduction, is more humane, less harmful to the environment, and more effective in providing a sustainable solution to pest infestations than traditional lethal pest management methods. We believe ContraPest® will establish a new paradigm in rodent control, resulting in improved performance in rodent control over rodenticides, without the negative environmental effects of rodenticides. 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 projected 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. 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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