Containment and Eradication Solutions for Feral Swine Population Control/Reduction

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Feral swine (Sus scrofa), for many years, have been inflicting damage across the south and southeastern United States and continue to expand their presence across the country. Damage to agricultural crops, landscapes, parks, waterways, areas or archaeological significance, etc. is in the billions of dollars each year. At the same time, millions of dollars have been allocated/spent to address this problem yet the swine population continues to grow and the economic impacts continue to increase.

Existing methods are not accomplishing what is required and waiting for an effective solution to be made available that may have a higher cost will be problematic. What is needed is low cost, simple and effective solutions to contain and eradicate the feral swine population now. Continued waiting means further economic damage and the potential detrimental animal to human event.

WPF's design approach was to ensure a low-cost, easy-to-deploy, maintenance-free apparatus could be manufactured and available to those in need, both public and private institutions/parties.

WPF first developed its Feeder (patented Jul 2018) that targets specifically the feral swine whereby only this animal is able to gain access to its controlled feeder station. The Feeder has undergone extensive field testing to ensure non-targets are not able to gain access to the Feeder station i.e. critters such as the opossum and raccoons to large animals such as bears.

WPF also developed its Dispenser (patent-pending) that is installed with WPF's patented Feeder for purposes of both containment and eradication solutions. In essence, the Feeder and Dispenser integrated solution is mechanical apparatus that is the key component to address feral swine population growth whether for purposes of containment or for animal eradication.

Specific to containment, WPF's integrated solution is capable of dispensing substances that are effective at controlling population growth through birth control. This is done either through the use of commercially available off-the-shelf products to proprietary solutions. In the case of the latter, a third party has developed a patent-pending solution and expressed interest in WPF's integrated solution to deploy their product.

As for eradication, others have focused time and effort developing proprietary formulation solutions, and then the need to develop a corresponding apparatus to dispense said bait/formulation. WPF took a novel approach incorporating its integrated solution (Feeder & Dispenser) with sodium nitrite and a masking agent. This unique approach/process (patent-pending) is comprised of off-the-shelf products, commercially available today, with no need for developing a bait mixture or creating a formulation to deploy a solution to effectively deal with the feral swine population today.

Incorporating GPS for purposes of Feeder/Dispenser tracking as well as feral swine access is an added feature that can be incorporated into WPF's integrated solution.

Whether one is seeking means of containment or a desire for eradication, WPF has developed a solution that allows the user to determine which means of dealing with the feral swine. The products necessary to accomplish either exist and are commercially available today. What was previously missing was the

delivery system that is a lower cost than existing apparatus', easy to deploy and set-up, simple to fill/refill as well as relocate until now. WPF has the feral swine specific hardware solution to deal with the feral swine population now!