

Burrowing Rodents - CO₂ Eradication

The Eliminator

Al Dentone, PhD

October 1, 2013

Least Toxic Pest Control Workshop

hosted by the Town of Moraga & Parents for a Safer Environment.

Workshop presenter: ABOL Rodent Control, & IGI, LLC, Al Dentone

Advantages: No poisoning and can be used in schools and parks. Lower costs for facilities than trapping. Will kill the parasites on the rodents unlike rodenticides, with no possible secondary poisonings as with rodenticides.

Disadvantages: Must check burrows for non-target species prior to treatment, particularly in areas inhabited by endangered/protected species. Eliminates all species that are within the burrow system at the time of application.

Effectiveness of Method: Effectiveness is approximately 90% - 94% after first application. Duration of gas injected varies by species but is between 30 seconds and 1 minute. The process with moles, voles and gophers is to find the tunnel and inject the gas directly into this burrow system. For ground squirrels the most effective method is to cover all of the entry holes and then return several hours later or the following morning and inject the gas directly into 1 or 2 of the reopened tunnel openings, making sure that other tunnels are still covered.

Cost for method:

ABOL Rodent Control the service costs \$125 per hour plus mileage. OR Cost of purchasing The Eliminator® is \$1,695.00 plus sales tax and shipping. Each CO₂ tank rental is approximately \$16 - \$19 per 40 gallon, lasting about 3-4 hours of relatively constant administration of the gas and is ~ 8-10 cents/ tunnel system.

Permits/licensing required:

Currently, DPR requires no licensing for CO₂ eradication for burrowing rodents. But for pest control operators, the standard fee from DPR and the county applies.

Endorsement of CO₂ eradication:

The use of CO₂ is approved by the OMRI list for use in organically grown crops, organically raised livestock and also for use around packing plants and is listed as an approved method by USDA NOP Section Code 205.105, 605.

Any Guarantees: none

Contact info for service:

Al Dentone

ABOL Rodent Control

(209)333-9680

For Purchase of The Eliminator®

IGI, LLC

(209)366-1859



www.eliminatorbyigi.com for more information on CO₂ control for burrowing rodents.

The CO₂ eradication method, The Eliminator®, is patent pending for burrowing rodents and structural pest control for termites, insects, and rodents.