

COMPLETED PROJECT REPORT

Project Title: Analytical method for anticoagulant residues.

Research Agency: National Wildlife Research Center

Principal Investigator: Primus

Budget: \$23,000.00

Summary:

The Study Director contacted the CDFA regarding target application rates and sample matrices for studies. The Study Director initiated the method development studies after receipt of the appropriate control sample matrices from CDFA. The analytical method titled "Determination of Diphacinone and Chlorophacinone Residues in California Range Grass" was completed, after 8 months of effort, on September 11, 1995 and showed the r-squared value for the response linearity for both compounds was $> .999$. Recoveries at 100 ppb, 1 ppm and 10 ppm ranged from 91-104 % with a coefficient of variation from 1-8 %. The methods limits of detection were 46 and 41 ppb for chlorophacinone and diphacinone, respectively. The analytical method was sent to CDFA on September 18, 1995, concluding study #1.

Last Updated:

02/13/09

