

19. Belant, J. L., and T. W. Seamans. 1999. Alpha-chloralose immobilization of rock doves in Ohio. Journal of Wildlife Diseases 35:239-242. Abstract: The effectiveness of 3 dosages (about 60, 120 and 180 mg/kg) of alpha-chloralose (AC) were compared for immobilizing pigeons (*Columba livia*). Responses to immobilization using about 180 mg/kg AC also was compared in pigeons food deprived for 24 hr and not food deprived. Mean (+ SE) time to first effects (33 + 2 min) and mean time to capture (94 + 5 min) was significantly less for pigeons receiving 180 mg/kg than for pigeons receiving lower dosages (>53 + 3 min and >153 + 17 min, respectively). Ten, 10 and 8 pigeons immobilized with 60, 120 and 180 mg/kg AC recovered within 24 hr, respectively; all pigeons recovered within 29 hours. Although food-deprived pigeons showed effects of AC immobilization earlier than did pigeons with food, time to capture was similar between these 2 groups. This new formulation should improve capture success of pigeons substantially and improve the ability to resolve nuisance pigeon problems.