

NEST REMOVAL REDUCES REINVASION BY MOUNTAIN BEAVER (*Aplodontia rufa*).
Dan L. Campbell and James P. Farley, USDA, APHIS, ADC, Denver Wildlife Research Center, Olympia, WA.

Mountain beaver damage to tree crops is briefly reduced by trapping, but intact systems are rapidly reoccupied. After depopulation of a clearcut near Olympia, Washington, 15 intact systems and 15 systems with nests removed were compared with older unoccupied systems. Within 4 months, 67% of intact systems, 13% of systems with nests removed, and 0% of old systems were reoccupied. During 55 months, intact systems were occupied 61% of the time, systems with nests removed were occupied 29% of the time, and old systems were occupied 6% of the time. Average occupancy for intact systems was 33 months (SD 16 months), systems with nests removed 16 months (SD 17 months), and old systems 8 months (SD 14 months). The long term reduction of burrow occupancy may be enhanced by nest removal.