

# Santa Cruz Tarplant at Arana Gulch





# Management Goals and Actions

- Habitat Management Plan (2013) and AMWG
- Goals
  - Short-term: 348 plants (2006 level)
  - Long-term: Expand distribution beyond four areas
  - Seedbank/viability study will inform target setting
- Management Actions
  - Mowing
    - Scythe or chopped
  - Scraping
    - Hand
    - Mechanical
  - Raking
  - Controlled and uncontrolled burns
  - Propagation for off-site seed collection
  - Cattle grazing (Areas A, C, and D)
  - Invasive weed management

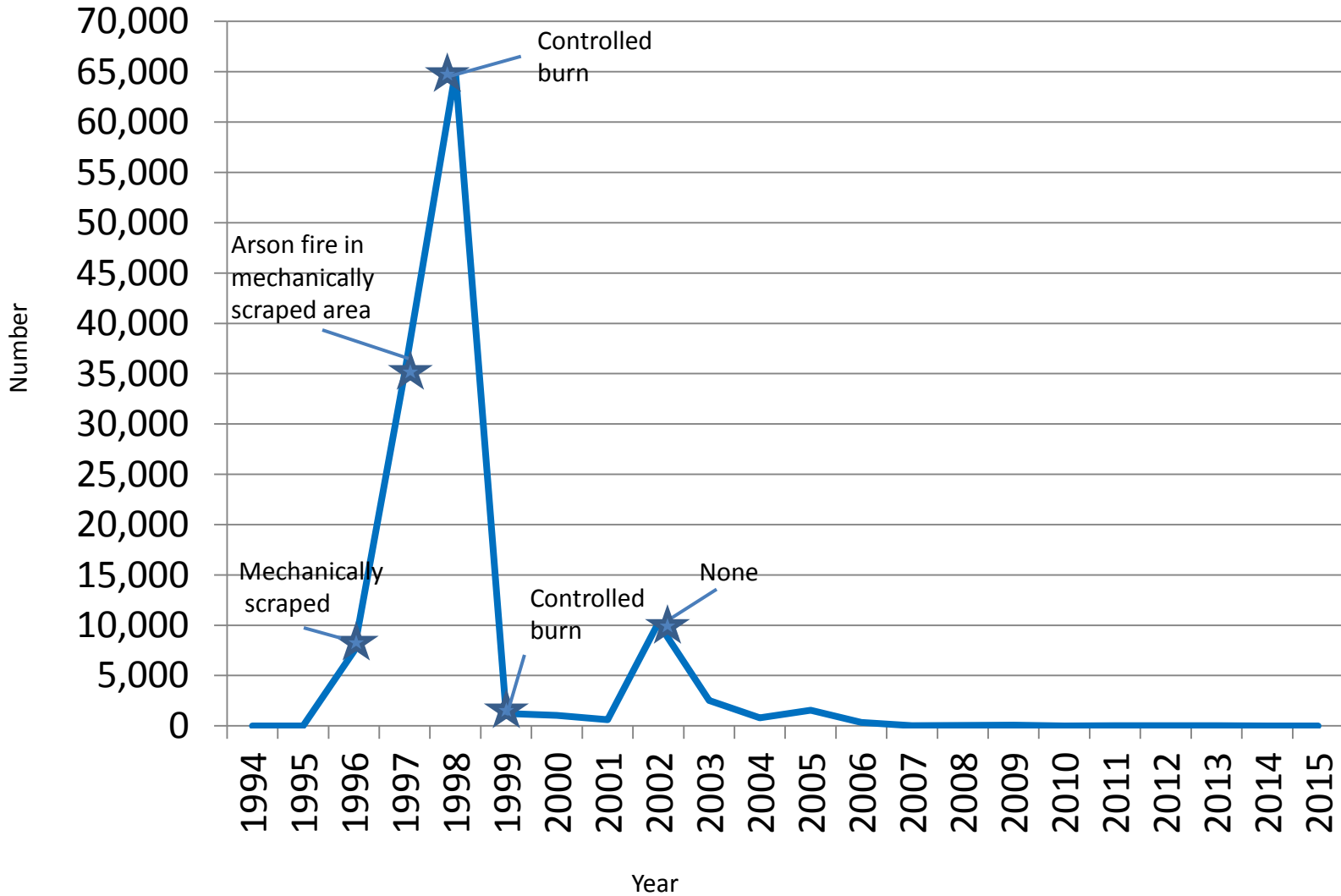


# Tarplant Areas

- 4 tarplant areas
- Observed once in B and C in 1998
- Observed in Area D until 2004
- Less than 100 in Area A since 2007



Santa Cruz Tarplant Numbers in Arana Gulch from 1994 - 2015



Santa Cruz Tarplant Numbers in Arana Gulch from 2006 - 2015

