Tree/Shrub Site Preparation (490)

1. Competing vegetation eliminated in whole or part
   - D.1 (+) Cost of operation
   - D.2 (+) Exposed soil; habitat change

2. Plow pan (created by past management) fractured to restore rooting space
   - D.4 (+) Water, light, and nutrients made available
   - I.1 (+) Surface erosion, runoff, sediment and airborne particulate matter
   - I.2 (+/-) Wildlife Habitat
   - I.3 (-) Undesired plant regrowth
   - I.4 (+) Desired plant regrowth
   - I.5 (-) Surface erosion, runoff, and sediment production
   - I.6 (+/-) Quality of receiving waters and airshed
   - I.7 (+/-) Carbon storage
   - I.8 (-) Initial wood fiber growth rate
   - I.9 (-) Later wood fiber growth rate

3. Woody biomass removed or treated to enable planting or natural regeneration
   - D.3 (+) Prepared sites for planting or seeding
   - I.9 (+) Prepared sites for planting or seeding
   - C.1 (+/-) Soil quality

Initial setting: 1) Nonforested sites capable of producing wood fiber and forest habitat; or 2) cutover forestland. Both settings lack woody biomass of desired species, and desired species cannot be established without site modifications.