

## Paint Cost and Marking Estimate for the Fremont-Winema National Forest

Compiled by Judd Lehman

Orange Quart (QT) of paint = \$10.10 per QT

Blue QT of paint = \$7.18 per QT

Can paint 32 trees per QT

Employee can mark about 8 acres a day

Average pre-sale employee is about \$200 per day

**Yota IRTC** – 8.8 MMBF – 3.5 MBF/Acre

- Cut trees
  - Estimated cut trees from cruise = 146,198
  - Net commercial acres = 2,524
  - Cut trees/acre = 57.9
  - 4,568 QT's of blue = **\$32,803 in paint**
- Leave Trees (assuming 15" residual Dbh – 1.23 sq ft per tree)
  - Residual BA = 50
  - Leave trees per acre = 40.7
  - Estimated total leave trees = 102,727
  - 3,210 QT's of orange = **\$32,423 in paint**
- Labor
  - 315.5 work days of Marking
  - \$63,100

**PB IRTC** – 7.5 MMBF – 3 MBF/Acre

- Cut trees
  - Estimated cut trees from cruise = 119,901
  - Net commercial acres = 2,483
  - Cut trees/acre = 48.2
  - 3,746 QT's of blue = **\$26,902 in paint**
- Leave Trees (assuming 10" residual Dbh – .545 sq ft per tree)
  - Residual BA = 40
  - Leave trees per acre = 73.4
  - Estimated total leave trees = 182,252
  - 5,695 QT's of orange = **\$57,520 in paint**
- Labor
  - 310.4 work days of Marking
  - \$62,080

### **Total Savings on two sales**

- ITM = \$59,705
  - \$11.92 per acre
- LTM = \$89,943
  - \$36.2 per acre
- Labor
  - 624.9 work days
  - \$125,180
- Total net savings
  - ITM = \$184,885 and 624.9 work days
  - LTM = \$215,123 and 624.9 work days