FILE : 93A81_1_A.Tip Apr 02/2008
AGENCY : MOF Research Branch TIPSY Version 4.1d
PROJECT : FG SINDEX Version 1.42

STAND
GEOGRAPHY: Cariboo/Quesnel/SBS/10% Slope
ESTABLISHMENT: Regen delay = 0; Target Density = 3832 trees/ha (Planted)
OPERATIONAL YIELD ADJUSTMENTS:

| | | | | |
|---|---|---|---|---|
| OAF 1 | Age: | 0.0 | 100.0 | 300.0 |
| | Factor: | 0.87 | 0.87 | 0.87 |
| OAF 2 | Age: | 0.0 | 100.0 | 300.0 |
| | Factor: | 1.00 | 0.99 | 0.98 |

Combined Operational Yield Adjustment @ 100 years: 0.87

SPECIES
50% WHITE SPRUCE; Site Index = 20.00
Site curve: *Goudie (1984ac) (plantation)
Top Ht @ bh age 50 (m) = 20.00 (base)
Stock ht = 21cm

50% LODGEPOLE PINE; Site Index = 20.37
Site curve: *Thrower (1994)
Top Ht @ bh age 50 (m) = 20.37 (base)
Stock ht = 13cm

Multiple Species option aggregates pure stands for forest-level planning.
It is NOT VALID for mixed-species SILVICULTURAL applications.

MANAGED STAND YIELD TABLE

| | | Volume (m3/ha) | | MAI (m3/ha) | Volume (m3/ha) | MAI (m3/ha) | BA (m2/ha) | DBHg (cm) | TREES (#/ha) | CC (%) | Volume (m3/ha) | DBHg (cm) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIPSY Age (yr) | Top Ht (m) | Gross 0.0+ | Merch 12.5+ | Merch 12.5+ | Merch 17.5+ | Merch 17.5+ | 0.0+ | 0.0+ | 0.0+ | All Trees | Crop Max 250/ha 12.5+ | Crop Max 250/ha 12.5+ | t |
| 0.0 | 0.2 | 0 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 3338 | 2 | 0 | 0.0 | |
| 5.0 | 1.4 | 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 3258 | 19 | 0 | 0.0 | |
| 10.0 | 3.0 | 3 | 0 | 0.00 | 0 | 0.00 | 2 | 2.5 | 3158 | 43 | 0 | 0.0 | |
| 15.0 | 5.2 | 13 | 0 | 0.01 | 0 | 0.00 | 5 | 4.6 | 3056 | 60 | 0 | 15.0 | |
| 20.0 | 7.5 | 34 | 4 | 0.22 | 0 | 0.01 | 11 | 6.8 | 2971 | 76 | 4 | 15.1 | |
| 25.0 | 9.8 | 65 | 21 | 0.83 | 2 | 0.09 | 17 | 8.7 | 2894 | 84 | 16 | 15.5 | |
| 30.0 | 11.9 | 108 | 55 | 1.82 | 15 | 0.51 | 24 | 10.5 | 2788 | 86 | 25 | 17.4 | |
| 35.0 | 13.9 | 159 | 102 | 2.91 | 44 | 1.26 | 31 | 12.1 | 2661 | 87 | 43 | 20.7 | |
| 40.0 | 15.8 | 208 | 150 | 3.75 | 84 | 2.10 | 36 | 13.5 | 2504 | 87 | 54 | 21.8 | |
| 45.0 | 17.4 | 254 | 197 | 4.37 | 129 | 2.86 | 40 | 14.8 | 2316 | 87 | 69 | 23.4 | |
| 50.0 | 19.0 | 298 | 240 | 4.80 | 175 | 3.50 | 43 | 16.0 | 2116 | 87 | 87 | 25.3 | |
| 55.0 | 20.4 | 337 | 277 | 5.05 | 215 | 3.92 | 44 | 17.2 | 1905 | 87 | 104 | 26.5 | |
| 60.0 | 21.6 | 374 | 312 | 5.20 | 254 | 4.24 | 46 | 18.5 | 1701 | 87 | 117 | 27.3 | |
| 65.0 | 22.8 | 410 | 342 | 5.27 | 291 | 4.48 | 46 | 19.6 | 1534 | 87 | 132 | 28.4 | |
| 70.0 | 23.9 | 443 | 370 | 5.28 | 325 | 4.64 | 47 | 20.7 | 1393 | 87 | 148 | 29.4 | |
| 75.0 | 24.8 | 472 | 392 | 5.23 | 353 | 4.71 | 48 | 21.7 | 1281 | 87 | 164 | 30.3 | |
| 80.0 | 25.7 | 498 | 411 | 5.14 | 378 | 4.72 | 48 | 22.6 | 1191 | 87 | 179 | 31.2 | |
| 85.0 | 26.5 | 522 | 426 | 5.02 | 399 | 4.69 | 48 | 23.4 | 1110 | 87 | 194 | 32.0 | |
| 90.0 | 27.2 | 543 | 439 | 4.88 | 417 | 4.63 | 48 | 24.2 | 1038 | 87 | 206 | 32.7 | |
| 95.0 | 27.9 | 564 | 450 | 4.74 | 432 | 4.55 | 48 | 25.0 | 972 | 87 | 216 | 33.1 | |
| 100.0 | 28.5 | 584 | 460 | 4.60 | 446 | 4.46 | 48 | 25.7 | 914 | 87 | 225 | 33.6 | |

FILE : 93A81_1_B.Tip
AGENCY : MOF Research Branch
PROJECT : Experimental

Apr 02/2008
TIPSY Version 4.1d
SINDEX Version 1.42

STAND
GEOGRAPHY: Cariboo/Chilcotin/SBS/10% Slope
ESTABLISHMENT: Regen delay = 0; Target Density = 2647 trees/ha (Planted)
OPERATIONAL YIELD ADJUSTMENTS:

| | | | | |
|---|---|---|---|---|
| OAF 1 | Age: | 0.0 | 100.0 | 300.0 |
| | Factor: | 0.94 | 0.94 | 0.94 |
| OAF 2 | Age: | 0.0 | 100.0 | 300.0 |
| | Factor: | 1.00 | 0.95 | 0.84 |

Combined Operational Yield Adjustment @ 100 years: 0.89

SPECIES
77% WHITE SPRUCE; Site Index = 21.00
Site curve: *Goudie (1984ac) (plantation)
Top Ht @ bh age 50 (m) = 21.00 (base)
Stock ht = 21cm

23% LODGEPOLE PINE; Site Index = 21.29
Site curve: *Thrower (1994)
Top Ht @ bh age 50 (m) = 21.29 (base)
Stock ht = 13cm

Multiple Species option aggregates pure stands for forest-level planning.
It is NOT VALID for mixed-species SILVICULTURAL applications.

MANAGED STAND YIELD TABLE

| TIPSY Age (yr) | Top Ht (m) | Volume (m3/ha) Gross 0.0+ | Volume (m3/ha) Merch 12.5+ | MAI (m3/ha) Merch 12.5+ | Volume (m3/ha) Merch 17.5+ | MAI (m3/ha) Merch 17.5+ | BA (m2/ha) 0.0+ | DBHg (cm) 0.0+ | TREES (#/ha) 0.0+ | CC (%) All Trees | Volume (m3/ha) Crop Max 250/ha 12.5+ | DBHg (cm) Crop Max 250/ha 12.5+ | t |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.2 | 0 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 2488 | 1 | 0 | 0.0 | |
| 5.0 | 1.2 | 0 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 2443 | 9 | 0 | 0.0 | |
| 10.0 | 2.7 | 1 | 0 | 0.00 | 0 | 0.00 | 1 | 2.0 | 2383 | 24 | 0 | 0.0 | |
| 15.0 | 4.8 | 8 | 0 | 0.02 | 0 | 0.00 | 3 | 4.3 | 2318 | 45 | 0 | 15.0 | |
| 20.0 | 7.1 | 24 | 4 | 0.21 | 0 | 0.01 | 8 | 6.8 | 2262 | 70 | 4 | 15.1 | |
| 25.0 | 9.5 | 55 | 19 | 0.77 | 3 | 0.12 | 15 | 9.4 | 2218 | 86 | 16 | 15.6 | |
| 30.0 | 11.8 | 104 | 58 | 1.92 | 20 | 0.65 | 24 | 11.8 | 2178 | 91 | 27 | 18.2 | |
| 35.0 | 13.9 | 162 | 112 | 3.20 | 56 | 1.59 | 32 | 13.7 | 2138 | 92 | 42 | 21.0 | |
| 40.0 | 16.0 | 220 | 168 | 4.21 | 104 | 2.61 | 38 | 15.2 | 2082 | 92 | 57 | 22.9 | |
| 45.0 | 17.9 | 278 | 225 | 5.00 | 161 | 3.58 | 43 | 16.5 | 2002 | 92 | 79 | 25.3 | |
| 50.0 | 19.6 | 330 | 274 | 5.48 | 212 | 4.24 | 47 | 17.8 | 1883 | 92 | 97 | 26.7 | |
| 55.0 | 21.1 | 378 | 317 | 5.77 | 260 | 4.72 | 49 | 19.0 | 1735 | 91 | 113 | 27.8 | |
| 60.0 | 22.6 | 425 | 358 | 5.96 | 306 | 5.10 | 51 | 20.2 | 1582 | 91 | 132 | 29.2 | |
| 65.0 | 23.9 | 473 | 398 | 6.12 | 353 | 5.43 | 52 | 21.5 | 1438 | 91 | 155 | 30.8 | |
| 70.0 | 25.1 | 513 | 426 | 6.09 | 388 | 5.54 | 53 | 22.5 | 1326 | 91 | 178 | 32.0 | |
| 75.0 | 26.2 | 548 | 449 | 5.99 | 417 | 5.56 | 53 | 23.5 | 1220 | 90 | 194 | 32.8 | |
| 80.0 | 27.2 | 579 | 465 | 5.82 | 440 | 5.50 | 53 | 24.6 | 1117 | 90 | 207 | 33.4 | |
| 85.0 | 28.1 | 607 | 478 | 5.63 | 459 | 5.40 | 53 | 25.6 | 1026 | 90 | 220 | 34.1 | |
| 90.0 | 29.0 | 633 | 490 | 5.44 | 475 | 5.28 | 52 | 26.6 | 945 | 90 | 234 | 34.7 | |
| 95.0 | 29.8 | 658 | 501 | 5.27 | 490 | 5.16 | 52 | 27.4 | 885 | 89 | 247 | 35.2 | |
| 100.0 | 30.5 | 681 | 512 | 5.12 | 504 | 5.04 | 52 | 28.0 | 839 | 89 | 259 | 35.7 | |

FILE : 93B79_57.Tip Apr 02/2008
AGENCY : MOF Research Branch TIPSY Version 4.1d
PROJECT : Experimental SINDEX Version 1.42

STAND
GEOGRAPHY: Cariboo/Chilcotin/SBS/10% Slope
ESTABLISHMENT: Regen delay = 2; Target Density = 3460 trees/ha (Planted)
OPERATIONAL YIELD ADJUSTMENTS:
OAF 1 Age: 0.0 100.0 300.0
Factor: 0.95 0.95 0.95
Combined Operational Yield Adjustment @ 100 years: 0.95

SPECIES
90% LODGEPOLE PINE; Site Index = 24.00
Site curve: *Thrower (1994)
Top Ht @ bh age 50 (m) = 24.00 (base)
Stock ht = 13cm

10% INTERIOR DOUGLAS-FIR; Site Index = 23.14
Site curve: *Thrower and Goudie (1992ac)
Top Ht @ bh age 50 (m) = 23.14 (base)
Stock ht = 21cm

Multiple Species option aggregates pure stands for forest-level planning.
It is NOT VALID for mixed-species SILVICULTURAL applications.

MANAGED STAND YIELD TABLE

| | | Volume (m3/ha) | | MAI (m3/ha) | Volume (m3/ha) | MAI (m3/ha) | BA (m2/ha) | DBHg (cm) | TREES (#/ha) | CC (%) | Volume (m3/ha) | DBHg (cm) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIPSY Age (yr) | Top Ht (m) | Gross 0.0+ | Merch 12.5+ | Merch 12.5+ | Merch 17.5+ | Merch 17.5+ | 0.0+ | 0.0+ | 0.0+ | All Trees | Crop Max 250/ha 12.5+ | Crop Max 250/ha 12.5+ | t |
| 5.0 | 0.9 | 0 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 3231 | 17 | 0 | 0.0 | |
| 10.0 | 3.2 | 4 | 0 | 0.00 | 0 | 0.00 | 2 | 2.8 | 3097 | 61 | 0 | 0.0 | |
| 15.0 | 6.4 | 23 | 0 | 0.03 | 0 | 0.00 | 8 | 6.0 | 2965 | 89 | 0 | 15.0 | |
| 20.0 | 9.5 | 64 | 15 | 0.75 | 0 | 0.02 | 18 | 9.0 | 2870 | 94 | 13 | 15.1 | |
| 25.0 | 12.4 | 124 | 67 | 2.69 | 18 | 0.70 | 27 | 11.2 | 2748 | 95 | 26 | 17.8 | |
| 30.0 | 15.0 | 194 | 139 | 4.62 | 69 | 2.31 | 35 | 13.2 | 2538 | 95 | 48 | 21.1 | |
| 35.0 | 17.2 | 259 | 205 | 5.86 | 136 | 3.88 | 40 | 14.9 | 2292 | 95 | 68 | 23.3 | |
| 40.0 | 19.2 | 318 | 263 | 6.58 | 199 | 4.97 | 44 | 16.5 | 2053 | 95 | 95 | 25.8 | |
| 45.0 | 21.0 | 373 | 316 | 7.02 | 258 | 5.74 | 46 | 18.0 | 1817 | 95 | 113 | 26.8 | |
| 50.0 | 22.5 | 420 | 358 | 7.16 | 309 | 6.17 | 48 | 19.5 | 1599 | 95 | 131 | 27.9 | |
| 55.0 | 23.8 | 459 | 390 | 7.10 | 349 | 6.35 | 48 | 20.9 | 1410 | 95 | 148 | 29.2 | |
| 60.0 | 25.0 | 501 | 423 | 7.05 | 391 | 6.52 | 49 | 22.0 | 1294 | 95 | 171 | 30.4 | |
| 65.0 | 26.1 | 540 | 453 | 6.97 | 429 | 6.60 | 50 | 23.2 | 1193 | 95 | 192 | 31.7 | |
| 70.0 | 27.0 | 579 | 478 | 6.83 | 460 | 6.57 | 51 | 24.3 | 1093 | 95 | 209 | 32.5 | |
| 75.0 | 27.8 | 614 | 501 | 6.68 | 488 | 6.51 | 51 | 25.4 | 1004 | 94 | 224 | 33.1 | |
| 80.0 | 28.6 | 647 | 520 | 6.50 | 510 | 6.38 | 51 | 26.4 | 939 | 94 | 240 | 33.9 | |
| 85.0 | 29.3 | 677 | 537 | 6.32 | 529 | 6.22 | 51 | 27.2 | 888 | 93 | 255 | 34.6 | |
| 90.0 | 29.9 | 704 | 552 | 6.14 | 546 | 6.07 | 52 | 28.0 | 842 | 93 | 271 | 35.2 | |
| 95.0 | 30.4 | 725 | 561 | 5.90 | 556 | 5.85 | 51 | 28.6 | 799 | 93 | 283 | 35.8 | |
| 100.0 | 31.0 | 739 | 561 | 5.61 | 556 | 5.56 | 51 | 29.2 | 759 | 93 | 294 | 36.2 | |

FILE : 93A81_30_A.Tip Apr 02/2008
AGENCY : MOF Research Branch TIPSY Version 4.1d
PROJECT : Experimental SINDEX Version 1.42

STAND
GEOGRAPHY: Cariboo/Chilcotin/SBS/10% Slope
ESTABLISHMENT: Regen delay = 0; Target Density = 4262 trees/ha (Planted)
OPERATIONAL YIELD ADJUSTMENTS:

| | | | |
|---|---|---|---|
| OAF 1 | Age: | 0.0 | 100.0 300.0 |
| | Factor: | 0.95 | 0.95 0.95 |
| OAF 2 | Age: | 0.0 | 100.0 300.0 |
| | Factor: | 1.00 | 1.00 1.00 |

Combined Operational Yield Adjustment @ 100 years: 0.95

SPECIES
80% LODGEPOLE PINE; Site Index = 21.00
Site curve: *Thrower (1994)
Top Ht @ bh age 50 (m) = 21.00 (base)
Stock ht = 13cm

20% WHITE SPRUCE; Site Index = 20.68
Site curve: *Goudie (1984ac) (plantation)
Top Ht @ bh age 50 (m) = 20.68 (base)
Stock ht = 21cm

Multiple Species option aggregates pure stands for forest-level planning.
It is NOT VALID for mixed-species SILVICULTURAL applications.

MANAGED STAND YIELD TABLE

| TIPSY Age (yr) | Top Ht (m) | Volume (m3/ha) Gross 0.0+ | Volume (m3/ha) Merch 12.5+ | MAI (m3/ha) Merch 12.5+ | Volume (m3/ha) Merch 17.5+ | MAI (m3/ha) Merch 17.5+ | BA (m2/ha) 0.0+ | DBHg (cm) 0.0+ | TREES (#/ha) 0.0+ | CC (%) All Trees | Volume (m3/ha) Crop Max 250/ha 12.5+ | DBHg (cm) Crop Max 250/ha 12.5+ | t |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.1 | 0 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 4049 | 3 | 0 | 0.0 | |
| 5.0 | 1.5 | 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 3934 | 33 | 0 | 0.0 | |
| 10.0 | 3.6 | 6 | 0 | 0.00 | 0 | 0.00 | 3 | 3.2 | 3783 | 72 | 0 | 0.0 | |
| 15.0 | 6.2 | 24 | 0 | 0.02 | 0 | 0.00 | 9 | 5.6 | 3648 | 83 | 0 | 15.0 | |
| 20.0 | 8.7 | 57 | 9 | 0.44 | 0 | 0.01 | 17 | 7.8 | 3540 | 91 | 9 | 15.1 | |
| 25.0 | 11.1 | 101 | 38 | 1.54 | 4 | 0.16 | 24 | 9.5 | 3423 | 94 | 18 | 15.8 | |
| 30.0 | 13.3 | 155 | 90 | 3.00 | 28 | 0.94 | 31 | 11.1 | 3199 | 95 | 33 | 19.0 | |
| 35.0 | 15.2 | 212 | 147 | 4.20 | 72 | 2.05 | 37 | 12.6 | 2948 | 95 | 49 | 21.1 | |
| 40.0 | 17.0 | 265 | 200 | 4.99 | 124 | 3.10 | 41 | 14.1 | 2657 | 95 | 65 | 22.7 | |
| 45.0 | 18.6 | 313 | 248 | 5.51 | 176 | 3.90 | 44 | 15.4 | 2386 | 95 | 84 | 24.6 | |
| 50.0 | 20.0 | 357 | 291 | 5.81 | 223 | 4.47 | 47 | 16.7 | 2135 | 95 | 103 | 26.2 | |
| 55.0 | 21.3 | 398 | 329 | 5.99 | 267 | 4.86 | 48 | 17.9 | 1898 | 95 | 116 | 26.9 | |
| 60.0 | 22.4 | 434 | 362 | 6.03 | 305 | 5.09 | 48 | 19.1 | 1691 | 95 | 129 | 27.7 | |
| 65.0 | 23.4 | 467 | 388 | 5.97 | 339 | 5.22 | 49 | 20.2 | 1524 | 95 | 143 | 28.7 | |
| 70.0 | 24.3 | 496 | 411 | 5.87 | 369 | 5.27 | 49 | 21.3 | 1386 | 95 | 157 | 29.6 | |
| 75.0 | 25.1 | 525 | 434 | 5.78 | 398 | 5.30 | 50 | 22.1 | 1295 | 95 | 173 | 30.5 | |
| 80.0 | 25.9 | 551 | 452 | 5.65 | 422 | 5.28 | 50 | 22.9 | 1215 | 95 | 187 | 31.3 | |
| 85.0 | 26.5 | 575 | 469 | 5.51 | 444 | 5.22 | 50 | 23.7 | 1141 | 95 | 201 | 31.9 | |
| 90.0 | 27.1 | 598 | 482 | 5.36 | 462 | 5.14 | 50 | 24.4 | 1073 | 95 | 211 | 32.5 | |
| 95.0 | 27.7 | 620 | 494 | 5.20 | 479 | 5.04 | 50 | 25.2 | 1012 | 95 | 221 | 32.9 | |
| 100.0 | 28.2 | 640 | 506 | 5.06 | 494 | 4.94 | 50 | 25.8 | 962 | 95 | 230 | 33.3 | |

FILE : 93A81_30_C.Tip Apr 02/2008
AGENCY : MOF Research Branch TIPSY Version 4.1d
PROJECT : Experimental SINDEX Version 1.42

STAND
GEOGRAPHY: Cariboo/Chilcotin/SBS/10% Slope
ESTABLISHMENT: Regen delay = 0; Target Density = 3825 trees/ha (Planted)
OPERATIONAL YIELD ADJUSTMENTS:
OAF 1 Age: 0.0 100.0 300.0
Factor: 0.97 0.97 0.97
Combined Operational Yield Adjustment @ 100 years: 0.97

SPECIES
50% WHITE SPRUCE; Site Index = 18.00
Site curve: *Goudie (1984ac) (plantation)
Top Ht @ bh age 50 (m) = 18.00 (base)
Stock ht = 21cm

40% LODGEPOLE PINE; Site Index = 18.53
Site curve: *Thrower (1994)
Top Ht @ bh age 50 (m) = 18.53 (base)
Stock ht = 13cm

10% SUBALPINE FIR (V/H curve = Sw); Site Index = 17.16
Site curve: *Chen and Klinka (2000ac)
Top Ht @ bh age 50 (m) = 17.16 (base)
Stock ht = 21cm

Multiple Species option aggregates pure stands for forest-level planning.
It is NOT VALID for mixed-species SILVICULTURAL applications.

MANAGED STAND YIELD TABLE

| | | Volume (m3/ha) | | MAI (m3/ha) | Volume (m3/ha) | MAI (m3/ha) | BA (m2/ha) | DBHg (cm) | TREES (#/ha) | CC (%) | Volume (m3/ha) | DBHg (cm) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIPSY Age (yr) | Top Ht (m) | Gross 0.0+ | Merch 12.5+ | Merch 12.5+ | Merch 17.5+ | Merch 17.5+ | 0.0+ | 0.0+ | 0.0+ | All Trees | Crop Max 250/ha 12.5+ | Crop Max 250/ha 12.5+ | t |
| 0.0 | 0.2 | 0 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 3686 | 2 | 0 | 0.0 | |
| 5.0 | 1.1 | 0 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 3616 | 15 | 0 | 0.0 | |
| 10.0 | 2.4 | 2 | 0 | 0.00 | 0 | 0.00 | 1 | 1.7 | 3528 | 33 | 0 | 0.0 | |
| 15.0 | 4.2 | 8 | 0 | 0.00 | 0 | 0.00 | 3 | 3.6 | 3430 | 54 | 0 | 0.0 | |
| 20.0 | 6.1 | 22 | 1 | 0.03 | 0 | 0.00 | 8 | 5.5 | 3342 | 72 | 1 | 15.0 | |
| 25.0 | 8.1 | 45 | 7 | 0.29 | 0 | 0.01 | 14 | 7.3 | 3267 | 87 | 7 | 15.1 | |
| 30.0 | 10.1 | 77 | 25 | 0.85 | 3 | 0.10 | 20 | 8.9 | 3197 | 93 | 16 | 15.6 | |
| 35.0 | 11.9 | 119 | 60 | 1.70 | 17 | 0.48 | 27 | 10.5 | 3102 | 96 | 26 | 17.7 | |
| 40.0 | 13.6 | 168 | 104 | 2.60 | 43 | 1.06 | 33 | 11.9 | 2997 | 96 | 41 | 20.6 | |
| 45.0 | 15.2 | 214 | 150 | 3.33 | 78 | 1.73 | 39 | 13.1 | 2868 | 97 | 50 | 21.6 | |
| 50.0 | 16.7 | 259 | 195 | 3.91 | 118 | 2.36 | 43 | 14.2 | 2703 | 97 | 62 | 23.0 | |
| 55.0 | 18.1 | 303 | 239 | 4.35 | 164 | 2.98 | 46 | 15.3 | 2517 | 97 | 79 | 24.7 | |
| 60.0 | 19.4 | 341 | 277 | 4.61 | 204 | 3.40 | 48 | 16.3 | 2317 | 97 | 96 | 26.2 | |
| 65.0 | 20.5 | 377 | 311 | 4.79 | 241 | 3.71 | 50 | 17.3 | 2117 | 97 | 106 | 26.9 | |
| 70.0 | 21.6 | 411 | 343 | 4.90 | 277 | 3.96 | 51 | 18.3 | 1925 | 97 | 117 | 27.6 | |
| 75.0 | 22.6 | 447 | 374 | 4.99 | 314 | 4.19 | 52 | 19.3 | 1770 | 97 | 132 | 28.6 | |
| 80.0 | 23.5 | 479 | 401 | 5.01 | 347 | 4.34 | 53 | 20.2 | 1636 | 97 | 147 | 29.6 | |
| 85.0 | 24.3 | 506 | 423 | 4.98 | 374 | 4.40 | 53 | 21.1 | 1525 | 97 | 162 | 30.5 | |
| 90.0 | 25.1 | 531 | 442 | 4.91 | 399 | 4.43 | 53 | 21.9 | 1424 | 97 | 176 | 31.3 | |
| 95.0 | 25.8 | 553 | 457 | 4.81 | 418 | 4.40 | 53 | 22.5 | 1339 | 97 | 189 | 32.1 | |
| 100.0 | 26.4 | 575 | 471 | 4.71 | 437 | 4.37 | 53 | 23.2 | 1264 | 97 | 199 | 32.6 | |

FILE : 93B56_31.Tip Apr 03/2008
AGENCY : MOF Research Branch TIPSY Version 4.1d
PROJECT : Experimental SINDEX Version 1.42

STAND
GEOGRAPHY: Cariboo/Quesnel/SBPS/10% Slope
ESTABLISHMENT: Regen delay = 7; Target Density = 3771 trees/ha (Planted)
OPERATIONAL YIELD ADJUSTMENTS:
OAF 1 Age: 0.0 100.0 300.0
Factor: 0.80 0.80 0.80
Combined Operational Yield Adjustment @ 100 years: 0.80

SPECIES
90% LODGEPOLE PINE; Site Index = 18.00
Site curve: *Thrower (1994)
Top Ht @ bh age 50 (m) = 18.00 (base)
Stock ht = 13cm

10% WHITE SPRUCE; Site Index = 17.42
Site curve: *Goudie (1984ac) (plantation)
Top Ht @ bh age 50 (m) = 17.42 (base)
Stock ht = 21cm

Multiple Species option aggregates pure stands for forest-level planning.
It is NOT VALID for mixed-species SILVICULTURAL applications.

MANAGED STAND YIELD TABLE

| | | Volume (m3/ha) | | MAI (m3/ha) | Volume (m3/ha) | MAI (m3/ha) | BA (m2/ha) | DBHg (cm) | TREES (#/ha) | CC (%) | Volume (m3/ha) | DBHg (cm) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIPSY Age (yr) | Top Ht (m) | Gross 0.0+ | Merch 12.5+ | Merch 12.5+ | Merch 17.5+ | Merch 17.5+ | 0.0+ | 0.0+ | 0.0+ | All Trees | Crop Max 250/ha 12.5+ | Crop Max 250/ha 12.5+ | t |
| 10.0 | 0.7 | 0 | 0 | 0.00 | 0 | 0.00 | 0 | 0.0 | 2973 | 12 | 0 | 0.0 | |
| 15.0 | 2.3 | 1 | 0 | 0.00 | 0 | 0.00 | 0 | 1.4 | 2885 | 38 | 0 | 0.0 | |
| 20.0 | 4.2 | 7 | 0 | 0.00 | 0 | 0.00 | 3 | 3.9 | 2791 | 65 | 0 | 0.0 | |
| 25.0 | 6.4 | 20 | 0 | 0.02 | 0 | 0.00 | 7 | 5.9 | 2712 | 73 | 0 | 15.0 | |
| 30.0 | 8.4 | 42 | 6 | 0.19 | 0 | 0.00 | 13 | 7.9 | 2649 | 77 | 6 | 15.1 | |
| 35.0 | 10.4 | 70 | 23 | 0.66 | 2 | 0.06 | 18 | 9.4 | 2590 | 79 | 15 | 15.4 | |
| 40.0 | 12.2 | 102 | 52 | 1.29 | 11 | 0.28 | 23 | 10.7 | 2509 | 80 | 23 | 16.9 | |
| 45.0 | 13.8 | 138 | 88 | 1.96 | 32 | 0.70 | 27 | 12.0 | 2385 | 80 | 35 | 19.5 | |
| 50.0 | 15.2 | 174 | 125 | 2.50 | 63 | 1.26 | 31 | 13.2 | 2251 | 80 | 47 | 21.0 | |
| 55.0 | 16.5 | 207 | 158 | 2.87 | 95 | 1.73 | 33 | 14.2 | 2110 | 80 | 58 | 22.0 | |
| 60.0 | 17.7 | 237 | 188 | 3.13 | 128 | 2.13 | 36 | 15.2 | 1966 | 80 | 68 | 23.2 | |
| 65.0 | 18.8 | 264 | 215 | 3.31 | 158 | 2.43 | 37 | 16.1 | 1839 | 80 | 82 | 24.4 | |
| 70.0 | 19.7 | 288 | 239 | 3.41 | 184 | 2.63 | 39 | 16.9 | 1721 | 80 | 94 | 25.5 | |
| 75.0 | 20.6 | 312 | 261 | 3.48 | 209 | 2.79 | 40 | 17.7 | 1608 | 80 | 106 | 26.4 | |
| 80.0 | 21.3 | 333 | 281 | 3.52 | 232 | 2.91 | 40 | 18.5 | 1502 | 80 | 114 | 26.8 | |
| 85.0 | 22.0 | 354 | 300 | 3.53 | 254 | 2.99 | 41 | 19.2 | 1410 | 80 | 121 | 27.2 | |
| 90.0 | 22.7 | 371 | 314 | 3.49 | 272 | 3.02 | 41 | 19.8 | 1328 | 80 | 129 | 27.7 | |
| 95.0 | 23.3 | 386 | 326 | 3.44 | 287 | 3.02 | 41 | 20.5 | 1256 | 80 | 137 | 28.2 | |
| 100.0 | 23.8 | 399 | 337 | 3.37 | 301 | 3.01 | 41 | 21.1 | 1190 | 80 | 143 | 28.7 | |