

Central Leader: Base yield and price

Trees = 200

Price per Bushel = \$12.00

Packout rate = 80%

Discount Factor = 6%

Central Leader: Base yield and price

Harvest Cost = \$1.10

Packing Charge = \$4.50

Land Value = \$2000

| Year | Yield per Tree (Bu) | Yield per Acre (Bu) | Gross Income (80% Pack) | Annual Labor | Growing Mach | Cost Matls | Total Growing Costs | Total Fixed Costs | Harvest & Packing Costs | Net Cash Flow | Discount Factor | Present Value of Net Cash Flow | Accum Present Value of Net Cash Flow | Accum Cash Flow | Year | Net Income (\$/Bu) |
|-------|---------------------|---------------------|-------------------------|--------------|--------------|------------|---------------------|-------------------|-------------------------|---------------|-----------------|--------------------------------|--------------------------------------|-----------------|------|--------------------|
| Land | 0 | 0 | 0 | 0 | 0 | 0 | 2000 | 0 | 0 | -2000 | 1.0000 | -2000 | -2000 | -2000 | Land | 0 |
| Estab | 0 | 0 | 0 | 144 | 47 | 3568 | 3759 | 238 | 0 | -3997 | 1.0000 | -3997 | -5997 | -5997 | Prep | 0 |
| 1 | 0 | 0 | 0 | 183 | 81 | 130 | 394 | 196 | 0 | -590 | 0.9434 | -557 | -6554 | -6587 | 1 | 0 |
| 2 | 0 | 0 | 0 | 197 | 81 | 156 | 434 | 196 | 0 | -630 | 0.8900 | -594 | -7148 | -7217 | 2 | 0 |
| 3 | 0 | 0 | 0 | 221 | 81 | 163 | 465 | 196 | 0 | -661 | 0.8396 | -588 | -7736 | -7878 | 3 | 0.00 |
| 4 | 0.28 | 51 | 505 | 240 | 159 | 237 | 636 | 391 | 228 | -751 | 0.7921 | -630 | -8366 | -8629 | 4 | -14.72 |
| 5 | 0.93 | 168 | 1663 | 260 | 159 | 251 | 670 | 391 | 753 | -150 | 0.7473 | -119 | -8486 | -8779 | 5 | -0.90 |
| 6 | 1.67 | 302 | 2990 | 430 | 236 | 482 | 1148 | 414 | 1353 | 75 | 0.7050 | 56 | -8430 | -8704 | 6 | 0.25 |
| 7 | 2.76 | 500 | 4950 | 471 | 236 | 482 | 1189 | 442 | 2240 | 1079 | 0.6651 | 761 | -7669 | -7625 | 7 | 2.16 |
| 8 | 4.42 | 800 | 7920 | 536 | 236 | 482 | 1254 | 442 | 3584 | 2640 | 0.6274 | 1756 | -5913 | -4985 | 8 | 3.30 |
| 9 | 4.70 | 850 | 8415 | 536 | 236 | 482 | 1254 | 442 | 3808 | 2911 | 0.5919 | 1826 | -4087 | -2074 | 9 | 3.42 |
| 10 | 4.70 | 850 | 8415 | 536 | 236 | 482 | 1254 | 442 | 3808 | 2911 | 0.5584 | 1723 | -2364 | 837 | 10 | 3.42 |
| 11 | 4.70 | 850 | 8415 | 624 | 236 | 482 | 1342 | 442 | 3808 | 2823 | 0.5268 | 1576 | -787 | 3660 | 11 | 3.32 |
| 12 | 5.07 | 918 | 9088 | 624 | 236 | 482 | 1342 | 442 | 4113 | 3192 | 0.4970 | 1681 | 894 | 6851 | 12 | 3.48 |
| 13 | 5.52 | 1000 | 9900 | 624 | 236 | 482 | 1342 | 442 | 4480 | 3636 | 0.4688 | 1807 | 2701 | 10487 | 13 | 3.64 |
| 14 | 5.52 | 1000 | 9900 | 624 | 236 | 482 | 1342 | 442 | 4480 | 3636 | 0.4423 | 1705 | 4406 | 14123 | 14 | 3.64 |
| 15 | 5.52 | 1000 | 9900 | 624 | 236 | 482 | 1342 | 442 | 4480 | 3636 | 0.4173 | 1608 | 6014 | 17759 | 15 | 3.64 |
| 16 | 5.52 | 1000 | 9900 | 624 | 236 | 482 | 1342 | 442 | 4480 | 3636 | 0.3936 | 1517 | 7531 | 21395 | 16 | 3.64 |
| 17 | 5.52 | 1000 | 9900 | 624 | 236 | 482 | 1342 | 442 | 4480 | 3636 | 0.3714 | 1431 | 8962 | 25031 | 17 | 3.64 |
| 18 | 5.52 | 1000 | 9900 | 624 | 236 | 482 | 1342 | 442 | 4480 | 3636 | 0.3503 | 1350 | 10313 | 28667 | 18 | 3.64 |
| 19 | 5.52 | 1000 | 9900 | 624 | 236 | 482 | 1342 | 442 | 4480 | 3636 | 0.3305 | 1274 | 11586 | 32303 | 19 | 3.64 |
| 20 | 5.52 | 1000 | 9900 | 624 | 236 | 482 | 1342 | 442 | 4480 | 3636 | 0.3118 | 1134 | 12720 | 35939 | 20 | 3.64 |
| | | | | | | | | | | 2000 | 0.3118 | 624 | 13344 | | | |
| | Total | | Costs | 9667 | 4020 | 8037 | 21724 | | 59535 | | | | 13344 | | | |
| | Estab | | Costs | 3759 | | | | | | 14% | | | | | | |

