

TOTAL COST OF PRODUCTION FOR DOUGLAS FIR  
 IN NORTH EASTERN CALIFORNIA

ARTHUR SCARLETT

COSTS AND RETURNS WILL BE  
 DIVIDED BY 2000.0 TREE  
 TO OBTAIN PER TREE COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
1 CHRISTMAS TREES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	24.	5.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
													RENT	RENT	CODE	CODE	CODE	CODE
6 CUSTOM RIP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00	200.000	0.000	7.	279.	3.	0.
7 PLANTING	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	475.000	0.000	7.	293.	3.	0.
8 FERT TABLETS	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.000	0.000	7.	208.	3.	0.
9 SHADING	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.000	0.000	7.	299.	3.	0.
10 HERBICIDE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.000	0.000	7.	250.	3.	0.
11 MAINTENANCE	0.25	0.00	0.00	0.25	0.00	0.00	0.25	0.00	0.00	0.25	0.00	0.00	10.000	0.000	7.	429.	3.	0.
12 SHEARING	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	750.000	0.000	7.	481.	3.	0.
13 REPLANT PLANTS	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.000	0.000	7.	151.	3.	0.
14 FERTILIZATION	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	235.000	0.000	7.	365.	3.	0.
15 INSECTICIDE	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.000	0.000	7.	240.	3.	0.
16 BASAL PRUNING	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.000	0.000	7.	352.	3.	0.
17 MISC CULTURAL	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	120.000	0.000	7.	423.	3.	0.
18 INT ON ACCUM CAP	0.08	0.08	0.09	0.08	0.08	0.09	0.08	0.08	0.09	0.08	0.08	0.08	0.00	0.000	7.	426.	3.	0.
19 HARVEST & HAUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	800.000	0.000	7.	318.	3.	9.
20 SECURITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	63.000	0.000	7.	435.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS =	TIMES OVER,	TRUCKS =	MILES/ACRE,	TRACTORS =	HRS/ACRE	M CREW	POWER	RACH	TYPE	HARV
	LABOR	UNIT	CODE	CODE	CODE	CODE	LABOR	UNIT	CODE	CODE	CODE
26 SPRAY RIG	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	4.	0.
27 PICKUP 3/4 TON	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.	0.
28 TRAILER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.	0.

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST	CODE	CODE	CODE	CODE
31 STORAGE SHED	1.000	1.000	0.	7.	5.	0.
32 CHAIN SAWS	3.000	1.000	0.	62.	5.	0.
33 BACK PUMPS	3.000	1.000	0.	65.	5.	0.
34 BOOMS	5.000	1.000	0.	66.	5.	0.
35 KNIVES	10.000	1.000	0.	67.	5.	0.
36 RABBIT FENCE	1.000	1.000	0.	68.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE

BASED ON A 100 ACRE PLANTATION ON A 8 YEAR ROTATION. 2500 TREES PLANTED PER ACRE WITH AN EVENTUAL HARVEST OF 2000 TREES IN 6TH THROUGH 8TH YEARS. UPDATED 05/22/79

MACHINERY COMPLEMENT 7  
 EQUIPMENT COMPLEMENT 1

GENERAL NAME CHANGE	LINE CHANGE	GENERAL NAME CHANGE	LINE CHANGE	GENERAL NAME CHANGE	LINE CHANGE	GENERAL NAME CHANGE	LINE CHANGE	GENERAL NAME CHANGE	LINE CHANGE
208 FERT TABLETS	273 CLEAR & RIP	299 SHADING	293 PLANTING	365 FERTILIZATION	426 INT ON ACCUM CAP	435 SECURITY	388 REPLANTING	423 MISC CULTURAL	429 MAINTENANCE
352 BASAL PRUNING	481 SHEARING	1 TRACTOR 10HP W/IE							
89 SPRAY RIG	65 BACK PUMPS	66 BOOMS	67 KNIVES	68 RABBIT FENCE					
62 CHAIN SAWS									

  

MACH COMP CHGS	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
1. 2.	10.000000	1. 3.	6000.000000	1.13.	6000.000000	1.16.	10.000000	89. 2.	8.000000	89. 3.	3000.000000	
62. 2.	1.000000	62. 4.	2.000000	62. 5.	300.000000	62. 6.	300.000000	62. 7.	10.000000	62. 8.	0.250000	
62. 10.	0.010000	65. 2.	1.000000	65. 4.	2.000000	65. 5.	100.000000	65. 6.	100.000000	65. 7.	8.000000	
65. 8.	0.100000	65. 10.	0.010000	66. 2.	1.000000	66. 4.	2.000000	66. 5.	100.000000	66. 6.	100.000000	
66. 7.	8.000000	66. 8.	0.500000	66. 9.	0.100000	66. 10.	0.011000	67. 2.	1.000000	67. 4.	2.000000	
67. 5.	10.000000	67. 6.	10.000000	67. 7.	8.000000	67. 8.	0.100000	67. 10.	0.010000	68. 2.	1.000000	
68. 4.	2.000000	68. 5.	60.000000	68. 6.	60.000000	68. 7.	10.000000	68. 8.	0.000000	68. 9.	0.100000	
68. 10.	0.000000	68. 11.	0.000000									
6. 0.000000												

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#95 ✓

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
(CHRISTMAS TREES)	TREE	10.000	2000.000	20000.00	
<b>TOTAL RECEIPTS:</b>				\$ 20000.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
CUSTOM RIP	ACRE	200.000	1.000	200.00	
PLANTING	ACRE	475.000	1.000	475.00	
FERT TABLETS	ACRE	50.000	1.000	50.00	
SHADING	ACRE	25.000	1.000	25.00	
HERBICIDE	ACRE	15.000	1.000	15.00	
MAINTENANCE	ACRE	10.000	1.000	10.00	
SHEARING	ACRE	750.000	1.000	750.00	
REPLANT PLANTS	ACRE	150.000	1.000	150.00	
FERTILIZATION	ACRE	235.000	1.000	235.00	
INSECTICIDE	ACRE	70.000	1.000	70.00	
BASAL PRUNING	ACRE	200.000	1.000	200.00	
MISC CULTURAL	ACRE	120.000	1.000	120.00	
INT ON ACCUM CAP	ACRE	1667.000	0.980	1633.66	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			1.57	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			12.90	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.37	
MACHINERY LABOR	HOUR	5.450	5.441	29.65	
INTEREST ON OPERATING CAP.	DOL.	0.000	2226.185	0.00	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 3978.15	
<b>PREHARVEST COST PER TREE</b>				\$ 1.99	
<b>HARVEST:</b>					
HARVEST & HAUL	ACRE	800.000	1.000	800.00	
SECURITY	ACRE	63.000	1.000	63.00	
<b>TOTAL HARVEST COSTS:</b>				\$ 863.00	
<b>HARVEST COST PER TREE</b>				\$ 0.43	
<b>TOTAL VARIABLE COSTS:</b>				\$ 4841.15	
<b>VARIABLE COST PER TREE</b>				\$ 2.42	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				\$ 15158.85	
<b>INCOME PER TREE</b>				\$ 7.58	
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>				0.91	
<b>MISC. OFFICE &amp; BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)</b>				121.03	
<b>TOTAL CASH OVERHEAD:</b>				\$ 121.93	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>				\$ 15036.91	
<b>INCOME PER TREE</b>				\$ 7.52	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			13.20	
BUILDINGS	ACRE			3.52	
<b>TOTAL DEPRECIATION:</b>				\$ 16.72	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.000	103.766	0.00	
BUILDINGS		0.000	51.475	0.00	
<b>TOTAL INTEREST CHARGE:</b>				\$ 0.00	
<b>TOTAL FIXED COSTS:</b>				\$ 16.72	
<b>FIXED COST PER TREE</b>				0.01	
<b>7. TOTAL OF ABOVE COSTS:</b>				\$ 4979.81	
<b>TOTAL COST PER TREE</b>				2.49	
<b>8. NET RETURNS:</b>				\$ 15020.19	
<b>NET RETURNS PER TREE</b>				7.51	

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BUDGET IDENTIFICATION NUMBER 2 5320000 702 1  
DATE PRINTED: 05/22/79

BUDGET RECORD NUMBER 95  
HARVEST MONTH: 12