

WINE GRAPES, Kentucky, 2008
French-American Hybrid and American Varieties
 Soil Buildup Year Summary (Year 0)

	Quantity	Unit	\$/Unit	Total	Your Estimate
GROSS RETURNS					
VARIABLE COSTS					
PRODUCTION					
Soil Test	2	assays	\$ 10.00	\$ 20.00	<input type="text"/>
Lime	3	tons	\$ 20.00	\$ 60.00	<input type="text"/>
Herbicide	2	quarts	\$ 14.81	\$ 29.62	<input type="text"/>
Grass Seed	90	lbs	\$ 0.80	\$ 72.00	<input type="text"/>
Variable Machinery Costs	1	acre	\$ 33.20	\$ 33.20	<input type="text"/>
Interest on Operating Costs	9%		\$ 9.67	\$ 9.67	<input type="text"/>
TOTAL PRODUCTION COST				\$ 224.49	<input type="text"/>
RETURN ABOVE VARIABLE COSTS				\$ (224.49)	<input type="text"/>
FIXED COSTS					
Fixed Machinery & Equipment Costs	1	acre	\$ 41.26	\$ 41.26	<input type="text"/>
TOTAL FIXED COST				\$ 41.26	<input type="text"/>
TOTAL EXPENSES				\$ 265.75	<input type="text"/>
RETURN TO OPERATOR LABOR, LAND, CAPITAL, AND MGT.				\$ (265.75)	<input type="text"/>
Operator and Unpaid Family Labor	1.82	hrs	\$ 15.00	\$ 27.30	<input type="text"/>
TOTAL OPERATOR AND UNPAID FAMILY LABOR				\$ 27.30	<input type="text"/>
RETURN TO LAND, CAPITAL, AND MANAGEMENT				\$ (293.05)	<input type="text"/>

WINE GRAPES, Kentucky 2008

French-American Hybrid and American Varieties

Planting Year Summary (Year 1)

	Quantity	Unit	\$/Unit	Total	Your Estimate
GROSS RETURNS					
VARIABLE COSTS					
PRODUCTION					
Herbicide (Burndown)	1.5	quarts	\$ 14.81	\$ 22.22	
Herbicide	0.5	gallons	\$ 74.00	\$ 37.00	
Vines	605	vines	\$ 2.00	\$ 1,210.00	
Fertilizer	151.25	lbs	\$ 0.40	\$ 60.50	
Grow Tubes	605	tubes	\$ 0.85	\$ 514.25	
Bamboo Stakes	605	stakes	\$ 0.18	\$ 108.90	
Trellis Materials					
4" Posts	192	posts	\$ 6.25	\$ 1,200.00	
6" End Posts	64	posts	\$ 11.25	\$ 720.00	
Wire	4	rolls	\$ 110.00	\$ 440.00	
Miscellaneous Trellis Materials	1	acre	\$ 276.00	\$ 276.00	
Hired Labor					
Planting	86.0	hours	\$ 8.50		
Build Trellis	60.0	hours	\$ 8.50		
<i>TOTAL HIRED LABOR</i>	<i>146</i>	<i>hours</i>	<i>\$ 8.50</i>	<i>\$ 1,241.00</i>	
Herbicides	3	quarts	\$ 14.81	\$ 44.43	
Fungicides	3	applications		\$ 259.52	
Insecticides	4	applications		\$ 72.40	
Irrigation	5	months	\$ 49.60	\$ 248.00	
Variable Machinery Costs	1	acre	\$ 90.25	\$ 90.25	
Interest	1	acre	\$ 294.50	\$ 294.50	
TOTAL PRODUCTION COST				\$ 6,838.97	
RETURN ABOVE VARIABLE COSTS				\$ (6,838.97)	
FIXED COSTS					
Fixed Machinery Costs	1	acre	\$ 89.01	\$ 89.01	
Fixed Costs on Irrigation System	1	year	\$ 258.00	\$ 258.00	
TOTAL FIXED COST				\$ 347.01	
TOTAL EXPENSES				\$ 7,185.98	
RETURN TO OPERATOR LABOR, LAND, CAPITAL, AND MGT.				\$ (7,185.98)	
Operator and Unpaid Family Labor	39	hrs	\$ 15.00	\$ 583.35	
TOTAL OPERATOR AND UNPAID FAMILY LABOR				\$ 583.35	
RETURN TO LAND, CAPITAL, AND MANAGEMENT				\$ (7,769.33)	

Totals will vary slightly from budget details due to rounding of labor hours.

WINE GRAPES, Kentucky 2008
French-American Hybrid and American Varieties
 Growth Year Summary (Year 2)

	Quantity	Unit	\$/Unit	Total	Your Estimate
GROSS RETURNS	2 Ton		\$ 850.00	\$ 1,700.00	<input type="text"/>
VARIABLE COSTS					
PRODUCTION					
Herbicide	1 acre		\$ 37.00	\$ 37.00	<input type="text"/>
Fertilizer	300 lbs		\$ 0.31	\$ 93.00	<input type="text"/>
Plants (Replant 2% Original Planting)	12 plants		\$ 2.00	\$ 24.00	<input type="text"/>
Misc Shoot Management materials	1 acre		\$ 7.50	\$ 7.50	<input type="text"/>
Fungicides	1 acre		\$ 218.73	\$ 218.73	<input type="text"/>
Insecticides	1 acre		\$ 126.70	\$ 126.70	<input type="text"/>
Irrigation	5 months		\$ 49.60	\$ 248.00	<input type="text"/>
Variable Machinery Costs	1 acre		\$ 41.09	\$ 41.09	<input type="text"/>
Hired Labor	49 hours		\$ 8.50	\$ 416.50	<input type="text"/>
Interest	1 acre		\$ 54.56	\$ 54.56	<input type="text"/>
TOTAL PRODUCTION COST				\$ 1,267.08	<input type="text"/>
RETURN ABOVE VARIABLE COSTS				\$ 432.92	<input type="text"/>
HARVESTING AND MARKETING					
Harvest	34 hours		\$ 8.50	\$ 289.00	<input type="text"/>
Harvest Lugs	40 lugs		\$ 5.00	\$ 200.00	<input type="text"/>
Total Harvest and Marketing Cost				\$ 489.00	<input type="text"/>
FIXED COSTS					
Fixed Machinery & Equipment Costs	1 acre		\$ 57.16	\$ 57.16	<input type="text"/>
Fixed Costs on Irrigation System	1 year		\$ 258.00	\$ 258.00	<input type="text"/>
Pest Control	1 year		\$ 240.00	\$ 240.00	<input type="text"/>
TOTAL FIXED COST				\$ 555.16	<input type="text"/>
TOTAL EXPENSES				\$ 2,311.24	<input type="text"/>
RETURN TO OPERATOR LABOR, LAND, CAPITAL, AND MGT.				\$ (611.24)	<input type="text"/>
Operator and Unpaid Family Labor	48.63 hrs		\$ 15.00	\$ 729.45	<input type="text"/>
TOTAL OPERATOR AND UNPAID FAMILY LABOR				\$ 729.45	<input type="text"/>
RETURN TO LAND, CAPITAL, AND MANAGEMENT				\$ (1,340.69)	<input type="text"/>

Totals vary slightly from budget details due to rounding of labor hours.

WINE GRAPES, Kentucky 2005
French-American Hybrid and American Varieties
 Second Fruiting Year Summary (Year 3)

	Quantity	Unit	\$/Unit	Total	Your Estimate
GROSS RETURNS					
Grapes	4.5 tons		\$ 850.00	\$ 3,825.00	<input type="text"/>
Total Gross Returns				\$ 3,825.00	<input type="text"/>
VARIABLE COSTS					
PRODUCTION					
Herbicide	1 acre		\$ 59.22	\$ 59.22	<input type="text"/>
Fertilizer	205 lbs		\$ 0.31	\$ 63.55	<input type="text"/>
Tissue Analysis, Misc.	1 acre		\$ 30.00	\$ 30.00	<input type="text"/>
Fungicides	1 acre		\$ 847.47	\$ 847.47	<input type="text"/>
Insecticides	1 acre		\$ 248.53	\$ 248.53	<input type="text"/>
Hired Labor	112 hours		\$ 8.50	\$ 948.26	<input type="text"/>
Variable Machinery Costs	1 acre		\$ 57.98	\$ 57.98	<input type="text"/>
Interest on Preharvest Costs	6 months			\$ 101.48	<input type="text"/>
TOTAL PREHARVEST COST				\$ 2,356.48	<input type="text"/>
HARVESTING AND MARKETING					
Harvest	76.5 hours		\$ 8.50	\$ 650.25	<input type="text"/>
Harvest Lugs	40 lugs		\$ 5.00	\$ 200.00	<input type="text"/>
Total Harvest and Marketing Cost				\$ 850.25	<input type="text"/>
TOTAL VARIABLE COST				\$ 3,206.73	<input type="text"/>
RETURN ABOVE VARIABLE COSTS				\$ 618.28	<input type="text"/>
FIXED COSTS					
Fixed Machinery Costs	1 acre		\$ 86.66	\$ 86.66	<input type="text"/>
Pest Control	1 year		\$ 240.00	\$ 240.00	<input type="text"/>
TOTAL FIXED COST				\$ 326.66	<input type="text"/>
TOTAL EXPENSES				\$ 3,533.39	<input type="text"/>
RETURN TO OPERATOR LABOR, LAND, CAPITAL, AND MGT.				\$ 291.62	<input type="text"/>
Operator and Unpaid Family Labor	68 hrs		\$ 15.00	\$ 1,019.25	<input type="text"/>
TOTAL OPERATOR AND UNPAID FAMILY LABOR				\$ 1,019.25	<input type="text"/>
RETURN TO LAND, CAPITAL, AND MANAGEMENT				\$ (727.64)	<input type="text"/>

Totals vary slightly from budget details due to rounding of labor hours.

WINE GRAPES, Kentucky 2008
French-American Hybrid and American Varieties
 First Full Production Summary (Year 4)

	Quantity	Unit	\$/Unit	Total	Your Estimate
GROSS RETURNS					
Grapes	6 tons		\$ 850.00	\$ 5,100.00	<input type="text"/>
Total Gross Returns				\$ 5,100.00	<input type="text"/>
VARIABLE COSTS					
PRODUCTION					
Herbicide	1 acre		\$ 72.81	\$ 72.81	<input type="text"/>
Fertilizer	400 lbs		\$ 0.31	\$ 124.00	<input type="text"/>
Fungicides	1 acre		\$ 352.67	\$ 352.67	<input type="text"/>
Insecticides	1 acre		\$ 248.53	\$ 248.53	<input type="text"/>
Hired Labor	136 hours		\$ 8.50	\$ 1,153.20	<input type="text"/>
Variable Machinery Costs	1 acre		\$ 52.85	\$ 52.85	<input type="text"/>
Interest	6 months			\$ 90.18	<input type="text"/>
TOTAL PREHARVEST COST				\$ 2,094.23	<input type="text"/>
HARVESTING AND MARKETING					
Harvest	102 hours		\$ 8.50	\$ 867.00	<input type="text"/>
Harvest Lugs	40 lugs		\$ 5.00	\$ 200.00	<input type="text"/>
Total Harvest and Marketing Cost				\$ 1,067.00	<input type="text"/>
TOTAL VARIABLE COST				\$ 3,161.23	<input type="text"/>
RETURN ABOVE VARIABLE COSTS				\$ 1,938.77	<input type="text"/>
FIXED COSTS					
Fixed Machinery Costs	1 acre		\$ 81.16	\$ 81.16	<input type="text"/>
Pest Control	1 year		\$ 240.00	\$ 240.00	<input type="text"/>
TOTAL FIXED COST				\$ 321.16	<input type="text"/>
TOTAL EXPENSES				\$ 3,482.39	<input type="text"/>
RETURN TO OPERATOR LABOR, LAND, CAPITAL, AND MGT.				\$ 1,617.61	<input type="text"/>
Operator and Unpaid Family Labor	46 hrs		\$ 15.00	\$ 696.75	<input type="text"/>
TOTAL OPERATOR AND UNPAID FAMILY LABOR				\$ 696.75	<input type="text"/>
RETURN TO LAND, CAPITAL, AND MANAGEMENT				\$ 920.86	<input type="text"/>

Totals vary slightly from budget details due to rounding of labor hours.

WINE GRAPES, Kentucky 2008
French-American Hybrid and American Varieties
 Full Production Summary (Year 5)

	Quantity	Unit	\$/Unit	Total	Your Estimate
GROSS RETURNS					
Grapes	6 tons		\$ 850.00	\$ 5,100.00	<input type="text"/>
Total Gross Returns				\$ 5,100.00	<input type="text"/>
VARIABLE COSTS					
PRODUCTION					
Herbicide	1 acre		\$ 72.81	\$ 72.81	<input type="text"/>
Fertilizer	300 lbs		\$ 0.31	\$ 93.00	<input type="text"/>
Fungicides	1 acre		\$ 352.67	\$ 352.67	<input type="text"/>
Insecticides	1 acre		\$ 248.53	\$ 248.53	<input type="text"/>
<i>Total Hired Labor</i>	136 hours		\$ 8.50	\$ 1,153.20	<input type="text"/>
Variable Machinery Costs	1 acre		\$ 52.85	\$ 52.85	<input type="text"/>
Interest on Preharvest Costs	6 months			\$ 88.79	<input type="text"/>
TOTAL PREHARVEST COST				\$ 2,061.83	<input type="text"/>
HARVESTING AND MARKETING					
Harvest	102 hours		\$ 8.50	\$ 867.00	<input type="text"/>
					<input type="text"/>
Total Harvest and Marketing Cost				\$ 867.00	<input type="text"/>
TOTAL VARIABLE COST				\$ 2,928.83	<input type="text"/>
RETURN ABOVE VARIABLE COSTS				\$ 2,171.17	<input type="text"/>
FIXED COSTS					
Fixed Machinery Costs	1 acre		\$ 81.16	\$ 81.16	<input type="text"/>
Pest Control	1 year		\$ 240.00	\$ 240.00	<input type="text"/>
TOTAL FIXED COST				\$ 321.16	<input type="text"/>
TOTAL EXPENSES				\$ 3,249.99	<input type="text"/>
RETURN TO OPERATOR LABOR, LAND, CAPITAL, AND MGT.				\$ 1,850.01	<input type="text"/>
Operator and Unpaid Family Labor	46 hrs		\$ 15.00	\$ 696.75	<input type="text"/>
					<input type="text"/>
TOTAL OPERATOR AND UNPAID FAMILY LABOR				\$ 696.75	<input type="text"/>
RETURN TO LAND, CAPITAL, AND MANAGEMENT				\$ 1,153.26	<input type="text"/>

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