

SAMPLE COSTS TO PRODUCE GRAVENSTEIN APPLES FOR PROCESSING IN SONOMA COUNTY
1970

Based on an 80-acre orchard with a yield of 15 tons per acre. Man labor at \$2.20 and \$2.70 per hour includes Soc. Sec. & Comp. Ins. Cash costs per hr.: 30-40 HP tractors, crawler @ \$1.90 & wheel with fork lift @ \$1.40 and \$2.00; truck @ \$2.50 and sprayer @ \$4.50.

	Sample Costs		Your Cost	
	Fer	Per	Per	Per
	Acre	Ton	Acre	Ton
PRE-HARVEST CASH COSTS:				
Pruning: 60 trees @ \$1.75	\$105.00			
Brush disposal: 3 man & 1 tractor hours	9.00			
Fertilize: 0.3 hr. man & tractor	1.38			
Fertilizer: 120 lbs N @ 11¢ + zinc in spray ½ = \$1.15	14.35			
Spray: 6 times-3 hrs. man, tractor & sprayer	27.30			
Spray material	54.00			
Dust for blight: 3 times-¼ hr. man & tractor	3.45			
Dust: 150 lbs @ 10¢	15.00			
Cultivate: 3 man, 1 crawler&2 wheel tract. hrs.	12.80			
Thin: various methods incl. spray, hand thin&pole	50.00			
Prop: 6 man & 3 tractor hrs.	18.90			
Misc. labor incl. gopher control: 6 man, 2 tract. and 2 truck hours.	23.00			
Misc. material incl. gopher control	8.00			
County taxes	58.00			
Office, car, int. on operating capital, etc.	56.30			
Repairs, except tractors, truck & sprayer	5.00			
TOTAL PRE-HARVEST CASH AND LABOR COSTS	\$461.48	\$30.77		
HARVESTING COSTS:				
Picking: @ \$13 per ton (average-tree & ground)	195.00	13.00		
Supervision: 8 man hours	21.60	1.44		
Move & load bins: 7 hrs man & fork lift tractor	32.90	2.19		
Haul: 8 hrs. man & truck	41.60	2.77		
Bin rental @ 50¢ per ton	7.50	.50		
TOTAL HARVESTING COSTS	\$298.60	\$19.90		
TOTAL CASH AND LABOR COSTS	\$760.08	\$50.67		
DEPRECIATION COSTS: (per acre on 80 acres)				
Trees: cost \$1800.00 - 30 yrs. bearing life	\$ 60.00			
Bldgs. for equip: \$60-25 yrs; housing \$125-30 yrs	2.40			
Tractors, fork lift, truck&pickup \$380-12½ yrs	30.40			
Sprayer & duster: cost \$116-10 yrs. life	11.60			
Props, ladders & pick bags: cost \$100-10 yrs.	10.00			
Tillage & other equip: cost \$46-10 yrs.	4.60			
TOTAL DEPRECIATION COSTS	\$119.00	\$ 7.94		
TOTAL CASH AND DEPRECIATION COSTS	\$879.08	\$58.61		
Interest on investment @ 8% (per acre-80 acres)				
Trees: on ½ cost (\$900)	72.00			
Bldgs. for equip. & housing: on ½ cost	2.40			
Tractors, fork lift, truck&pickup: on ½ cost (\$190)	15.20			
Sprayer & duster: on ½ cost (\$58)	4.64			
Props, ladders & pick bags: on ½ cost (\$50)	4.00			
Tillage & other equip: on ½ cost (\$23)	1.84			
Land at \$1500	120.00			
TOTAL INTEREST ON INVESTMENT	\$220.08	\$14.67		
TOTAL COST OF PRODUCTION 1/	\$1099.16	\$73.28		

1/ Does not include any cost for management. This is sometimes calculated at 5% of the gross income.