

## SAMPLE COSTS TO PRODUCE ARTICHOKE IN MONTEREY COUNTY - 1973

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YIELD: 6950 pounds, 225-22 pound cartons and 2000 pounds processing

HARVEST: September-May (about 2000 acres produce summer artichokes)

TOTAL LABOR COST/HOUR*		HOURLY TRACTOR COSTS				
				Cash Costs	Depreciation	Interest
Cl. I Tractor Driver	3.82					
Cl. II Tractor Driver	3.70	80 H.P. Crawler Diesel		3.65	2.55	0.87
Other Labor	2.91	80 H.P. Wheel Diesel		1.90	0.92	0.47
		55 H.P. Wheel Diesel		1.30	0.66	0.34
Operation	Tractor Used	Hours/Acre	Labor	Fuel & Repairs	Contract and Materials	Total/Acre
<u>Cultural</u>						
Cut Tops	WD-55	0.5	1.65	0.65		2.30
Rotary Till	WD-80	1.25	4.63	4.25		8.88
Float (min. leveling)	WD-80	.25	.93	.91		1.84
Furrow	WD-80	.50	1.48	1.08		2.56
Irrigate 5x		10.0	29.10		1.75 Ac Ft @ \$5.00/Ac Ft for power, \$1.00/Ac Ft for booster pump	38.85
Fertilize 3x					Contract @ \$3.25/Ac per application, materials (N) @ \$37.50/Ac	47.25
Insect control 15x					Contract @ \$3.25/Ac per application, materials (Parathion) @ \$33.75/Ac	82.50
Slug control 3x		0.6	1.75		Slug bait \$8.00/Ac	9.75
Field mouse control 7x		8.75	25.46		Materials \$10.50/Ac	35.96
Diversion 9x	WD-55	4.0	14.80	7.60		22.40
Hoe and weed		10.0	29.10			29.10
Miscellaneous work		6.0	19.04	3.50		22.54
<b>TOTAL CULTURAL COSTS</b>			127.94			303.93
<u>Overhead</u>						
Business costs: Office and business expense @ 7% of cultural costs						21.28
Taxes: Equipment, except tractors						3.00
Repairs: Except trucks and tractors						9.00
Rent: \$150.00/Ac (includes taxes)						150.00
<b>TOTAL OVERHEAD COSTS</b>						183.28
<b>TOTAL CULTURAL AND OVERHEAD COSTS</b>						487.21
<u>Harvest</u>						
Pick: 63.0 hours						183.33
Haul: 5.0 hours (includes \$20.00 for fuel and repairs)						38.50
Pack-Central Shed: 75¢/carton (does not include 7% sales commission)						168.75
<b>TOTAL HARVEST COSTS</b>						390.58
<b>TOTAL CULTURAL, OVERHEAD AND HARVEST COSTS</b>						877.79
<u>Annual Costs</u>						
	Investment		Per Acre	Depreciation	Interest - 7%	
	Buildings		50.00	2.50	1.75	
	Irrig. System		75.00	7.50	2.73	
	Portable Irrig. System		15.00	1.50	1.05	
	Plants		125.00	12.50	4.38	
	Tractors		150.00	4.81	2.47	
	Equipment		100.00	3.56	1.70	
				32.37	13.58	45.95
<b>TOTAL COST PER ACRE</b>						923.74
<b>COST PER CWT TO GROW, PICK AND HAUL</b>						10.86
<b>COST PER CARTON (GROW, PICK, HAUL AND PACK)</b>						3.14

\*Labor costs per hour include Social Security, Workman's Compensation, unemployment, health plan, vacation plan, and pension plan.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD: Lbs. per Acre	6150	6550	6950	7450	7950
Cartons	189	207	225	248	270
Processor - Lbs.	2000	2000	2000	2000	2000
Cost to grow per acre	533.16	533.16	533.16	533.16	533.16
Cost to pick and haul	196.19	208.95	221.83	237.66	253.61
Cost to grow, pick and haul	729.35	742.21	754.99	770.82	786.77
Cost per CWT to grow, pick and haul	11.86	11.33	10.86	10.35	9.90
Cost per carton to grow, pick and haul	2.61	2.49	2.39	2.28	2.18
Cost per carton to pack	.75	.75	.75	.75	.75
Total cost per carton*	3.36	3.24	3.14	3.03	2.93

\*Does not include 7% sales commission.