

Cooperative Extension
UNIVERSITY OF CALIFORNIA

COUNTY OF SAN JOAQUIN

420 South Wilson Way
 Stockton, California 95205

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1987 SAMPLE COSTS TO PRODUCE COMMON DRY BEANS (KIDNEYS)
IN SAN JOAQUIN COUNTY

Operation	Hours per Acre	Cash and Labor Cost per Acre				Total
		Labor	Fuel and Repairs	Kind and Quantity	Materials Cost	
Cultural Costs						
Plow (or chisel), 1x	0.33	\$ 1.81	\$ 5.28			\$ 7.09
Disc, 2x	0.26	1.43	4.16			5.59
Triplane, 2x	0.24	1.32	3.84			5.16
Fertilize (preplant) & custom (list)				150# N/A NH ₃	\$32.00	32.00
				30 gal 4-10-10	22.00	22.00
				Applic. & list beds	20.00	20.00
Incorp. herbicide WD rolling cultivate, 2x	0.32	1.76	3.68			5.44
				1 pt Treflan +	5.60	
				3 qt Lasso	21.00	26.60
Ditch prep., 3x	0.24	1.20	3.84			5.16
Irrigate (pre)6x	7.00	31.50		2.5 ft/A @ \$15.50	38.75	70.25
Plant	0.25	1.38	5.75	Seed 80# @ .35 lb	28.00	35.13
Cultivate, pest control 1x, WD	0.33	1.82	3.80	Miticide	30.00	35.62
				Insecticide	6.00	6.00
Air, 1x				Airplane @ \$6/A	6.00	6.00
Misc. downtime, etc.	0.50	2.75				2.75
TOTAL CULTURAL COSTS		\$45.09	\$30.35		\$209.35	\$284.79
Harvest Costs						
Cut beans	0.20	1.00	1.60			2.60
Windrow	0.20	1.00	1.60			2.60
Hand turn row ends	0.10	.38				.38
Thresh, custom; hauling, custom				\$2.00/cwt 20 cwt/yield	40.00	40.00
Warehousing, tenant's share - 75%=15 cwt cleaning and sacking (clean beans), storage, fumigate, handling				\$3.75/cwt	56.25	56.25
TOTAL HARVEST COSTS		\$ 2.38	\$ 3.20		\$ 96.25	\$101.83
Cash Overhead						
Misc., office, etc.						\$ 23.20
Taxes on equipment						2.80
Rent				(20% of uncleaned crop, delivered, 4.00 cwt @ \$30)		120.00
TOTAL CASH OVERHEAD						\$146.00
TOTAL CASH COST						\$532.62

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1987 SAMPLE COSTS TO PRODUCE COMMON DRY BEANS (KIDNEYS) IN SAN JOAQUIN COUNTY
(continued)

Operation	Per Acre			Total
Management (add, if wanted)	5% of 20 cwt @ \$30			\$30.00
Investment				
		Annual Cost		
	Per Acre	Depreciation	Interest 12%	
Irrigation system	\$ 1.50	\$.22	\$.09	
3 tractors	130.00	10.83	7.80	
Buildings	10.00	.50	.60	
Equipment	160.00	16.00	9.60	
Total	\$301.50	\$27.55	\$18.09	\$ 45.64
TOTAL COST PER ACRE				\$578.26
COST PER CWT @ 22 CWT YIELD (CLEANED)				\$ 27.28
COST PER CWT @ 20 CWT YIELD (CLEANED)				28.91
COST PER CWT @ 18 CWT YIELD (CLEANED)				29.48
COST PER CWT @ 16 CWT YIELD (CLEANED)				33.44

NET INCOME @ \$30/CWT
AND VARYING YIELDS IN CWT/A

CWT/A YIELD	16	18	20	22	24
INCOME/A	- \$55.04	\$9.36	\$21.80	\$59.84	\$98.40

Cost based on 20 cwt/Yield
Labor: Irrigation \$4.50
Tractor \$5.50

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