

AGRICULTURAL EXTENSION SERVICE
UNIVERSITY OF CALIFORNIA
SOLANO COUNTY

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SAMPLE COSTS TO PRODUCE SUTTER PINK BEANS
Double Crop (Following Grain) (Beans Planted by June 20)
DIXON AREA - SOLANO COUNTY - MARCH, 1968

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PRODUCTION: 15 CWT Clean Beans (17.25 CWT In Dirt)

OPERATION	HOURS PER ACRE	CASH AND LABOR COSTS PER ACRE			TOTAL
		LABOR	FUEL & REPAIRS	MATERIALS KIND AND QUANTITY COST	
Cultural Costs					
Subsoil	.4	.92	1.44		2.36
*Landplane					
Disc & Treflan 2 times	.3	.69	2.46	6.00	9.15
Furrow	.2	.46	.38		.84
Pre-irrigate	1.2	2.08		.5 ac. ft. @ 3.25 = 1.63	3.71
Fertilize (Contract)				80 lbs. N @ .6 + 2.00 application = 6.80	6.80
Plant	.3	.69	.57	65 lbs. seed @ .15 = 9.75	11.01
Cultivate	.25	.58	.66		1.24
Irrigate 2 times	2.0	3.46		1 ac. ft. @ 3.25 = 3.25	6.71
District Water Cost				4.00	4.00
**Insecticide 2 times (Contract)				Plane Application 15.00	15.00
Ditch Work (Contract)				1.00	1.00
TOTAL CULTURAL COSTS		8.88	5.51	47.43	61.83
Harvest Costs					
Cut & Rank (Contract)				5.00	5.00
Threshing (Contract)				17.25 CWT in dirt @ .65 = 11.21	11.21
Trucking (Contract)				11¢ per CWT 1.65	1.65
Clean and Warehouse				1.00 per CWT 15.00	15.00
TOTAL HARVEST COSTS				32.86	32.86
Cash Overhead					
Misc., Office, etc.					4.73
Taxes					.50
Rent				20% of 15 CWT @ 9.00	27.00
TOTAL CASH OVERHEAD					32.23
TOTAL CASH COST					126.91
Management 5% of 15 CWT @ 9.00					6.75

INVESTMENT	PER ACRE	ANNUAL COST	
		DEPRECIATION	INTEREST
Land			
Trees			
Irrigation System			
Building			
Equipment	44.89	6.37	1.34
TOTAL	44.89	6.37	1.34
TOTAL COST PER ACRE			7.71
Cost Per CWT @ 15 CWT Yield			141.37
			9.43

*Charge to Next Crop **Additional Applications may be needed some years.
This study was based on 250 acres of beans on a 1,500 acre farm. Costs are broken
down to a 1 acre basis. Labor Rates Used: Skilled Labor \$2.30/hour
Irrigator \$1.73/hour

INVESTMENT FOR PINK BEANS
 DIXON AREA - SOLANO COUNTY - MARCH, 1968
 Based on 250 Acres of Beans on a 1,500 Acre Farm

ITEM	COST*	ANNUAL USE (Acres)	COST PER ACRE	LIFE (Years)	DEPRECIATION	INTEREST	CASH COSTS PER HOUR FUEL REPAIRS	TOTAL	HOURS PER ACRE
C.R. Tractor-80-90 H.P.	24,500	1,500	16.33	15	1.09	.49	.66 1.69	2.35	
Wheel D Tractors (2) 50 H.P.	18,000	1,500	12.00	15	.80	.36	.52 .88	1.40	
Disc 18'	3,000	1,500	2.00	10	.20	.06	1.75	1.75	.15
Spike Harrow 20'	500	1,000	.50	10	.05	.02	.26	.26	.10
Planter-Ventura 4-Row	600	250	2.40	15	1.60	.07	.50	.50	.03
Side Rakes (2)	1,300	750	1.73	10	.17	.05	.55	.55	
Cutter Knife	500	250	2.00	15	1.33	.06	.25	.25	
Plow 5, 14'	800	1,000	.80	10	.08	.02	.70	.70	
Subsoiler, 5 Shanks	2,200	1,500	1.47	15	.10	.04	1.25	1.25	.03
Roller 24'	500	1,500	.33	15	.02	.01	.10	.10	
Pickup Trucks (2)	6,000	1,500	4.00	5	.80	.12			
Lilliston Rolling Cultivator	2,000	1,500	1.33	10	.13	.04	1.25	1.25	.25
TOTAL			44.89		6.37	1.34			

*INCLUDES SALES TAX