

SAMPLE COSTS
TO PRODUCE
PINK BEANS
IN THE LOWER
SACRAMENTO VALLEY
1974

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SAMPLE COSTS TO PRODUCE PINK BEANS
Lower Sacramento Valley - 1974

Based on 200 acres of beans on a 1,000 acre farm. Yield: 15 cwt.--17.25 cwt. in dirt.
Labor rates including fringe benefits \$3.50 and \$2.60 per hour.

Operation	Hours per acre	Cash and labor cost per acre				Total
		Labor	Fuel & repairs	Materials Kind and Quantity	Cost	
dollars						
Cultural Costs						
Subsoil	.5	1.75	4.00			5.75
Landplane	.3	1.05	2.05			3.10
Disc. & Treflan 2X	.3	1.15	3.10		8.00	12.25
Furrow	.2	.70	.50			1.20
Pre-irrigate	1.2	4.20		.5 acre feet @ \$4.00	2.00	6.20
Fertilize				80# N @ \$.20 Application	16.00 4.00	20.00
Plant, 2 men	.5	3.50	1.90	65# seed @ \$.50	32.50	37.90
Cultivate	.2	.90	.90			1.80
Irrigate 2X	2.0	5.20		1 ac. ft. Plane application	4.00 18.00	9.20 18.00
Insecticide 2X				Contract	1.50	1.50
Ditch work					2.00	7.10
Miscellaneous	1.0	3.50	1.60		2.40	2.40
Crop loan interest						
TOTAL CULTURAL COSTS		21.95	14.05		90.40	126.40
Harvest Costs						
Cut	.3	1.05	.95			2.00
Rake	.3	1.05	.90			1.95
Thresh				Contract 17.25 cwt. in dirt @ \$.85	14.65	14.65
Truck				Contract 15 cwt. @ \$.15	2.25	2.25
Clean and warehouse				15 cwt. @ \$1.25	18.75	18.75
TOTAL HARVEST COSTS		2.10	1.85		35.65	39.60
Cash Overhead						
Misc., office, etc.					9.25	
Taxes on equipment					2.05	
Rent				20% of 15 cwt. @ \$24	72.00	
TOTAL CASH OVERHEAD						83.30
TOTAL CASH COST		24.05	15.90		209.35	249.30
Management 5% of 15 cwt. @ \$24						
Investment		Per Acre		Annual Cost		
				Depreciation	Interest 8%	
Equipment	\$205.00			\$20.50	\$8.20	
Total						28.70
TOTAL COST PER ACRE						296.00
Cost per cwt. @ 15 cwt. yield						19.73

COST OF PRODUCTION AT VARYING YIELDS

Yield per acre-cwt.	10	12.5	15	17.5	20
Cost of production per cwt.	25.41	22.00	19.73	18.11	16.89

PINK BEAN CULTURAL BRIEFS

Soil Requirements: Fertile, fairly deep and well drained soils. Texture can range from sandy loam to clay. Row crop areas primarily. Some grown in orchard soils prior to orchard planting.

Planting Dates: June 25-July 5--range June 15 to July 15.

Harvest Dates: September-October 15.

Varieties: Sutter Pinks

Seeding Rate: 30-40 lb/A

Fertilizer: Generally none applied to crop.

Irrigation: Major production areas are sub-irrigated. In other areas--furrow, sprinkler, or in some areas flood irrigation may be used. 1-2 acre feet of water, 3-5 irrigations.

Rotations: Largely determined by economic outlook. May be rotated with a number of crops such as alfalfa, tomatoes, sugar beets, cereals, etc.

Weed Control: Cultivation, sub-irrigation, hoeing, and herbicides. Trifluralin (Treflan (R)) is recommended for most beans. Check current University of California recommendations for proper use.

Insect Control: Lygus bugs, spider mites, corn earworm, cutworms, darkling ground beetles, nematodes, wireworms, and sometimes others. See current U.C. Pest Control Program.

Diseases: Stem and root rots, (fusarium wilt, pithium, Rhizoctonia, etc.), virus diseases such as Mosaic. In some years molds and mildews are a problem.

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