

SMALL WHITE BEAN YIELD - 2400 lbs/acre
(clean beans)

Equipment Operator - \$2.60* per hr. total
Irrigator - 2.30* " " "
Hand Labor - 2.10* " " "

Operating Costs/hour

	Fuel & Repairs	Deprec.	Interest	Total
CT-Crawler Tractor 75 hp	\$3.80	\$2.00	\$1.20	\$7.00
WT-Wheel Tractor 50 hp	1.20	1.40	.55	3.15
SWT-Wheel Tractor 30 hp	1.00	.60	.30	1.90

Operation	Tractor	Acres /hour	Hours /acre	Labor	Fuel & Repairs	Materials	Cost/Acre		
							Kind and Amount	Costs	Sample
<u>Cultural Costs</u>							\$	\$	
Disc 3x	CT	6.0	.75	1.95	2.85			4.80	
Chisel	CT	2.0	.50	1.30	1.90			3.20	
Landplane	CT	2.0	.50	1.30	1.90			3.20	
Harrow	CT	5.0	.20	.52	.76			1.28	
Fertilize-custom						Materials & Application	15.00	15.00	
Plant	WT	3.3	.30	.78	.36	Seed - 30 lbs. @ 16¢	4.80	5.94	
Cultivate 3x	SWT	.5	1.50	3.90	1.50			5.40	
Irrigate 3x			4.50	10.35		Water - 1.5 ac. ft. @ \$5	7.50	17.85	
Hand Hoe			5.00	10.50				10.50	
Repairs to Equipment					6.50			6.50	
Total Cultural Costs			13.25	\$30.60	\$15.77		\$27.30	\$ 73.67	
<u>Harvesting Costs</u>									
Cutting	SWT	3.3	.30	.78	.30			1.08	
Windrow	SWT	3.3	.30	.78	.30			1.08	
Implement Repairs					.25			.25	
Hand Work			1.00	2.10				2.10	
Threshing-custom						70¢/cwt field run:10% over cleaned wt.	16.94	16.94	
Haul - custom						15¢/cwt field run:10% over cleaned wt.	3.63	3.63	
Cleaning - custom						50¢/cwt field run:10% over cleaned wt.	12.10	12.10	
Storage & bags						Storage 35¢/cwt - Bags 31¢/cwt	14.52	14.52	
Total Harvest Costs			1.60	\$ 3.66	\$.85		\$47.19	\$ 51.70	
Rent - 60% of annual rate \$90								54.00	
Business & Miscellaneous Costs						6% of cultural, harvest costs & rent		10.76	
<u>Depreciation & Interest</u>									
						<u>Depreciation</u>	<u>Interest 7%</u>		
						Tractors \$ 5.58	\$ 3.14		
						Other equip. (\$90-10 yrs-60%) 5.40	1.89		
Total Depreciation & Interest						\$10.98	\$ 5.03	16.01	
Total Cost Per Acre								\$206.14	
Cost Per Cwt.								9.37	

*Social Security, Workman's Compensation included.

SMALL WHITE BEANS - PROFITS AS AFFECTED BY YIELD AND PRICE

YIELD Cwt./Acre cwt.	Total Production Costs Per Acre \$	Small White Beans - Value per Cwt.						
		\$ 9.00	\$10.00	\$11.00	\$12.00	\$13.00	\$14.00	\$15.00
		\$ - Profit or Loss Per Acre						
14	188.98	- 62.98	- 48.98	- 34.98	- 20.98	- 6.98	+ 7.02	+ 21.02
16	193.27	- 49.27	- 33.27	- 17.27	- 1.27	+ 14.73	+ 30.73	+ 46.73
18	197.56	- 35.56	- 17.56	+ 0.47	+ 18.44	+ 36.44	54.44	72.44
20	201.85	- 21.85	- 1.85	+ 18.15	+ 38.15	58.15	78.15	98.15
22	206.14	- 8.14	+ 13.86	35.86	57.86	79.86	101.86	123.86
24	210.43	+ 5.57	+ 29.57	53.57	77.57	101.57	125.57	149.57
26	214.72	+ 19.28	45.28	71.28	97.28	123.28	149.28	175.28
28	219.01	32.99	60.99	88.99	116.99	144.99	172.99	200.99
30	223.30	46.70	76.70	106.70	136.70	166.70	196.70	226.70
32	227.59	60.41	92.41	124.41	156.41	188.41	220.41	252.41

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