

Sample Cost to Produce

SILAGE **CORN**

Contra Costa County

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SAMPLE COSTS TO PRODUCE SILAGE CORN. CONTRA COSTA COUNTY

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Yield: 20 Tons

OPERATION	Hours Per Acre	Cash and Labor Cost Per Acre			Total
		Labor	Fuel and Repair	Materials	
				Kind and Quantity Cost	
Cultural Costs:					
Flow	.4	.80	1.20		2.00
Disk	.3	.60	.72		1.32
Prep. Levees for Leaching	1.27	2.54	3.00		5.54
Disk & Harrow	.3	.60	.80		1.40
Roll	.2	.40	.23		.63
Plant	.4	.80	.62	Seed 18# @ .29 & 80# 3X super @ 4.5 = 8.82	10.24
Harrow 3X	.36	.72	.47		1.19
Cultivate 3X	1.2	2.40	1.74		4.14
Pre-irrigate	.5	.88		Reclamation Dist. tax ----- = 10.63	11.51
Insect Control	.15	.30	.20		.50
Weed Control on 1/2 acre				Air appl. \$3 + 2,4-D \$1 ----- = 4.00	4.00
Clean Drain Ditches every 2 yrs.				Contract ----- = 1.53	1.53
TOTAL CULTURAL COSTS	5.08	10.04	8.98	24.98	44.00
Harvest Costs:					
Chop (3 choppers) .6 hr.	1.8	3.60	2.83		6.43
Haul	1.0	2.00	1.30		3.30
Unload & Pack .5 hr X 4 Men	2.0	4.00	2.46		6.46
TOTAL HARVEST COSTS					16.19
Cash Overhead:					
Misc., Office, etc.					3.00
Taxes		\$600 X 25% = \$150 X .08 rate + \$1 for equipment			13.00
TOTAL CASH OVERHEAD					16.00
TOTAL CASH COST					76.19
Management -		5% of 20 Tons @ \$9			9.00
INVESTMENT					
		<u>Per Acre</u>	<u>Annual Cost</u>		
Land		600.00	Depreciation	Interest	
Drainage & Irrigation System		25.00	2.50	.75	
Equipment		169.08	12.33	4.47	
TOTAL			14.83	41.22	56.05
TOTAL COST PER ACRE					141.24
Cost Per Ton @ 20 Ton Yield					7.06

INVESTMENT FOR SILAGE CORN PRODUCTION IN CONTRA COSTA COUNTY

Item	Original Cost		Yrs. Life	Annual Use Acres	Non-Cash Overhead		Cash Operating Cost per Acre TOTAL
	Total	Per Acre			Deprec.	Int.	
Tractor C.D. 60 H.P. T.D. 14	23,000	38.33	15	600	2.56	1.15	2.35
Tractor C.D. 40 H.P. T.D. 9	12,000	20.00	15	600	1.33	.60	1.40
Tractor W.D. 40 H.P.	6,000	10.00	10	600	1.00	.30	1.20
Tractor W.D. 30 H.P.	4,000	6.66	10	600	.66	.20	1.05
Tractor W.D. 30 H.P.	4,000	6.66	10	600	.66	.20	1.05
Plow disk - 5 disk	1,500	2.50	10	600	.25	.07	.65
4 row planter	700	1.75	10	400	.18	.05	.50
Spike harrow 20'	650	1.10	10	600	.11	.03	.25
Gahl Choppers (3)	10,500	26.25	10	400	2.63	.79	1.00
Disk 10' offset	1,800	3.00	10	600	.30	.09	1.00
Roller 10'	600	1.00	10	600	.10	.03	.10
Tool bar and attachments	2,000	5.00	10	400	.50	.15	.40
Tractor C.D. 30 H.P. D4	10,000	16.67	15	600	1.11	.50	1.15
Doser blade 8'	1,300	2.16	15	600	.14	.07	.02
Trailer wagons (4)	3,200	8.00	10	400	.80	.24	.25
Total	81,250	169.08	XX	XXX	12.33	4.47	
Silo							
Huff loader	6,000	15.00	10	400	1.50	.45	1.50
Feed truck 2 ton Chev.	2,000	5.00	6	400	.83	.15	.75
Feed truck 2 ton G.M.C.	2,000	5.00	6	400	.83	.15	.75
Total	10,000	25.00	XX	XXX	3.16	.75	

COST OF STORAGE AND FEEDING CORN SILAGE

Investment and Overhead Costs

<u>Item</u>	<u>Cost</u>	<u>Life</u>	<u>Depreciation</u>	<u>Interest at 6%</u>	<u>Other</u>	<u>Total</u>
Bunker silos (2)	\$12,000	20	\$600	\$360	\$180	\$1,140
Huff loader	6,000	10	600	180	120	300
Trucks (2)	4,000	6	666	120	80	866
TOTAL						<u>\$2,306</u>

Cash Operating Costs

	<u>Per hour</u>	<u>Tons per hour</u>	<u>Per Ton</u>
Labor	\$2.00	3.5	\$.57
Repairs	3.00	3.5	.86
Fuel	2.00	3.5	.57
TOTAL			<u>\$ 2.00</u>

Total Cost Per Ton at Varying Outputs

<u>Tons</u>	<u>Cost per ton</u>		
	<u>Overhead</u>	<u>Cash</u>	<u>Total</u>
1,000	\$ 2.31	\$ 2.00	\$ 5.31
5,000	.46	2.00	2.46
8,000	.29	2.00	2.29
10,000	.23	2.00	2.23
15,000	.15	2.00	2.15