



TITLE: CORN SILAGE PRODUCTION COSTS & RETURNS  
 FRESAC COUNTY - 1977  
 LANDOWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
SILAGES	TON	12.000	25.000	300.00	
TOTAL RECEIPTS:				\$ 300.00	
<b>2. VARIABLE COSTS:</b>					
PREHARVEST:					
PLCN CORN FERT	LBS.	0.125	100.000	12.50	
SILAGES, SEED	LBS.	0.750	20.000	15.00	
NITROGEN	LBS.	0.125	100.000	12.50	
MISCL SUPPLIES	ACRE	5.700	1.000	5.70	
WATER	ACIN	0.389	36.000	14.00	
HERBICIDE	ACRE	18.000	1.000	18.00	
MISCL SUPPLIES	ACRE	6.800	1.000	6.80	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			6.78	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			10.48	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			2.92	
IRRIGATION (LUBE-REPAIRS)	ACRE			1.76	
IRRIGATION WATER APPLIED	ACIN	0.049	36.000		
MACHINERY LABCR	HOUR	4.600	3.724	17.13	
IRRIGATION LABCR	HOUR	4.000	8.000	32.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	107.808	9.30	
TOTAL PREHARVEST COSTS:				\$ 164.88	
PREHARVEST COST PER TON				\$ 6.60	
HARVEST:					
HARVEST & HALL	TON	3.250	25.000	81.25	
PLASTIC COVERS	TON	0.250	25.000	6.25	
INTEREST ON OPERATING CAP.	DOL.	0.086	58.333	5.03	
TOTAL HARVEST COSTS:				\$ 92.53	
HARVEST COST PER TON				\$ 3.70	
TOTAL VARIABLE COSTS:				\$ 257.41	
VARIABLE COST PER TON				\$ 10.30	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
INCOME PER TON				\$ 42.59	
				\$ 1.70	
<b>4. CASH OVERHEAD: (PROPERTY TAX &amp; INSURANCE</b>					
+ 2.5% OF TOTAL VARIABLE COSTS)				\$	
LAND TAXES:				11.41	
BUILDINGS:				28.00	
TOTAL CASH OVERHEAD:				\$ 47.16	
<b>5. OWNERSHIP COSTS:</b>					
DEPRECIATION:				\$	
MACHINERY & EQUIPMENT	ACRE			7.27	
IRRIGATION SYSTEM	ACRE			9.68	
BUILDINGS:	ACRE			11.55	
TOTAL DEPRECIATION:				\$ 28.50	
CAPITAL & INTEREST:				\$	
MACHINERY & EQUIPMENT		0.086	61.086	5.27	
IRRIGATION SYSTEM		0.086	88.954	7.68	
BUILDINGS:		0.086	224.447	19.37	
TOTAL INTEREST CHARGE:				\$ 32.32	
TOTAL FIXED COSTS:				\$ 107.98	
FIXED COST PER TON				\$ 4.32	
NET INCOME ABOVE FIXED & VARIABLE COSTS:				\$ 65.40	
NET INCOME PER TON				\$ -2.62	
<b>6. MANAGEMENT CHARGE ( 5.0% OF GROSS RECEIPTS)</b>					
				\$ 15.00	
<b>7. LAND CHARGE (\$ 900.00 @ 8.3%):</b>					
				\$ 74.25	
<b>8. TOTAL CF ABOVE COSTS 1</b>					
TOTAL COST PER TON				\$ 454.65	
				\$ 18.19	
<b>9. NET RETURNS:</b>					
NET RETURNS PER TON				\$ 154.65	
				\$ -6.19	

FOOTNOTE: 80 ACRE FARM - FLOOD IRRIGATED  
 IRRIGATION DISTRICT WATER  
 TYPICAL PRACTICES REPRESENTED  
 BUDGET IDENTIFICATION: ENTERPRISE 228 COUNTY 10 MISCL 00 IRRIGATION LEVEL 6 LAND CLASS 3  
 INDIV. # 0 MACH. COMP. 3 IRIG. SYSTEM 1 PRICE VECTOR 2 EQUIP COMP 1  
 DATE PRINTED: 06/27/78 ANNUAL CAPITAL MONTH: 5  
 AUTHORITY COOP EXT DATE: 02/18/78

CORN SILAGE PRODUCTION COSTS & RETURNS  
FRESNO COUNTY - 1977  
LANDOWNER BASIS

CATEGORY	UNIT	MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												TOTAL	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00	300.00
OPERATING EXPENSES															
PLOW DOWN FERT	\$/AC	0.00	0.00	0.00	0.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.50
SILAGES, SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	12.50
MISCI SUPPLIES	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	5.70	0.00	0.00	0.00	0.00	0.00	0.00	5.70
HARVEST & HULL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.25	0.00	0.00	0.00	0.00	81.25
WATER	\$/AC	0.00	0.00	0.00	0.00	2.33	4.67	3.89	3.11	0.00	0.00	0.00	0.00	0.00	14.00
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	9.00	9.00	0.00	0.00	0.00	0.00	0.00	18.00
MISCI SUPPLIES	\$/AC	0.00	0.00	0.00	0.00	0.00	6.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80
PLASTIC COVERS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.25	0.00	0.00	0.00	0.00	6.25
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.00	6.10	6.46	2.06	1.00	1.51	0.00	0.00	0.00	0.00	17.13
INTEREST ON OPER. CAP.	\$/AC	0.01	0.01	0.00	0.00	0.22	4.28	3.14	1.45	5.19	0.01	0.01	0.01	0.01	14.34
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.00	2.98	3.19	0.62	0.00	0.00	0.00	0.00	0.00	0.00	6.78
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	0.00	2.45	5.22	1.13	0.67	1.01	0.00	0.00	0.00	0.00	10.48
BLDG OPER. COST	\$/AC	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	2.92
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	0.29	0.59	0.49	0.39	0.00	0.00	0.00	0.00	0.00	1.76
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	4.00	12.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	32.00
TOTAL EXPENSES	\$/AC	0.25	0.25	0.25	0.25	31.12	58.45	46.78	23.87	95.45	0.26	0.25	0.25	0.25	257.41

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.00	1.33	1.40	0.45	0.22	0.33	0.00	0.00	0.00	3.72
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	1.00	3.00	2.00	2.00	0.00	0.00	0.00	0.00	8.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	6.00	12.00	10.00	8.00	0.00	0.00	0.00	0.00	36.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANNUAL FIXED COST PER ACRE			VARIABLE COST PER ACRE					HRS PER ACRE	
					HOURS USED	DEPR.	INTER.	TAX RINS	TOTAL	FUEL	LUBE	REPAIRS		TOTAL
TRACTOR 60 HP	3	60.0	13600.	12.	1000.	1.950	1.683	0.644	4.277	2.643	0.396	3.745	6.784	2.294
PICKUP 1/2 T	14	6.5	7500.	3.	1350.	1.082	0.339	0.121	1.543	2.320	0.348	1.024	3.692	1.000
BED SHAPER 6ROW	50	15.0	4325.	15.	100.	0.496	0.390	0.160	1.046	0.000	0.009	0.453	0.462	0.190
SPRINGTOOTH	77	16.0	2600.	13.	190.	0.198	0.142	0.058	0.399	0.000	0.007	0.328	0.335	0.215
FLOAT	88	12.0	1050.	7.	360.	0.053	0.027	0.010	0.090	0.000	0.001	0.049	0.050	0.170
4" DISC PLOW	94	5.3	1600.	15.	100.	0.493	0.387	0.159	1.039	0.000	0.008	0.404	0.412	0.511
MB PLOW 5*16	98	6.7	5500.	15.	90.	1.489	1.169	0.481	3.139	0.000	0.027	1.338	1.365	0.404
PLANT-INC 4ROW	111	10.0	7175.	14.	180.	1.511	1.135	0.464	3.110	0.000	0.082	4.084	4.165	0.595
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	9.677	7.677	2.879	20.233	0.000	0.034	1.721	1.755	18.000
TOTAL			81500.			16.95	2.95	4.98	34.88	4.96	0.91	13.15	19.02	

(H)

BUDGET IDENTIFICATION NUMBER 2281000630 312 1  
HARVEST OR SALE MONTH 5

BUDGET RECORD NUMBER 131

CORN SILAGE PRODUCTION COSTS & RETURNS  
FRESHO COUNTY - 1977  
LANDOWNER BASIS

COSTS AND RETURNS WILL BE  
DIVIDED BY 25.0 TON  
TO OBTAIN PER TON COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX		
1 SILAGES	NUMBER OF UNITS																			
1 SILAGES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	12.000	0.000	3.	28.	2.	0.		
OPERATING INPUTS	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV		
6 PLOW DOWN FERT	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.125	0.000	12.	205.	3.	0.		
7 SILAGES, SEED	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.750	0.000	12.	128.	3.	0.		
8 NITROGEN	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.125	0.000	12.	211.	3.	0.		
9 MISCL SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	5.700	0.000	7.	423.	3.	0.		
10 HARVEST & HAUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	3.250	0.000	3.	318.	3.	9.		
11 WATER	0.00	0.00	0.00	0.00	6.00	12.00	10.00	8.00	0.00	0.00	0.00	0.00	0.389	0.000	11.	493.	3.	0.		
12 HERBICIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	18.000	0.000	7.	250.	3.	0.		
13 MISCL SUPPLIES	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	6.800	0.000	7.	423.	3.	0.		
14 PLASTIC COVERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.250	0.000	3.	382.	3.	9.		

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M	CREW	POWER	MACH	TYPE	HARV
													LABOR	UNIT	CODE			
26 M8 PLOW 5-16	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	98.	4.	0.
27 4-DISC PLOW	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	94.	4.	0.
28 SPRINGTOOTH	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	77.	4.	0.
29 FLOAT	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	88.	4.	0.
30 PLANT-INC 4ROW	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	111.	4.	0.
31 BED SHAPER 6ROW	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	50.	4.	0.
PICKUP 1/2 T	0.00	0.00	0.00	0.00	10.00	10.00	10.00	10.00	15.00	0.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	6.00	12.00	10.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.128.			0.
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	1.00	3.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00				

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	0.600	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.600	0.	4.	5.	0.
53 SILO	1.000	0.600	0.	35.	5.	0.
54 FUELTANK 550 GAL	1.000	0.600	0.	18.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	80.00	900.00	28.00	0.0

80 ACRE FARM - FLOOD IRRIGATED  
IRRIGATION DISTRICT WATER  
TYPICAL PRACTICES REPRESENTED

AUTHOR: COOP EXT  
DATE: 02/18/78

MACHINERY COMPLEMENT 3  
EQUIPMENT COMPLEMENT 1

EQUIP NAME CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE					
---	35	SILO								
PARAMETER CHGS	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
-->10.		4.600000	11.	3.900000						