

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/17/82.

B-1241 (C16)

PROCESSED BEETS IRRIGATED
TEXAS EDWARDS AQUIFER REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER	2,30	SEPT	1.00	0.263	0.199	2.48	1.31	0.0	3.42	7.21
OFFSET DISC	2,34	SEPT	1.20	0.273	0.207	2.53	1.37	0.0	5.60	9.50
MCLDBOARD PLOW	1,32	SEPT	1.00	0.571	0.432	6.78	2.85	0.0	13.85	23.49
LAND PLANE	1,50	SEPT	0.20	0.050	0.038	0.53	0.25	0.0	1.22	2.01
OFFSET DISC	2,34	NOV	1.00	0.228	0.173	2.11	1.14	0.0	4.67	7.91
BEDDER 6R	1,36	DEC	1.00	0.151	0.115	1.62	0.76	0.0	2.36	4.74
HERBICIDE SPRAYR	63	JAN	1.00	0.0	0.264	0.08	0.0	20.00	2.29	22.37
PLANTER 4R	1,41	JAN	1.00	0.303	0.230	3.54	1.52	43.20	7.59	55.85
BED SHAPER 6R	1,48	JAN	1.00	0.252	0.191	2.66	1.26	0.0	4.07	7.99
BEDDER 6R	1,36	FEB	1.00	0.151	0.115	1.62	0.76	0.0	2.36	4.74
CULTIVATOR 4R	1,39	MAR	1.00	0.227	0.172	2.40	1.13	0.0	3.93	7.47
CULTIVATOR 4R	1,39	APR	1.00	0.227	0.172	2.40	1.13	0.0	3.93	7.47
TOTALS				2.697	2.307	28.75	13.48	63.20	55.28	160.72

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	JAN	3.00	0.300	0.0	9.87	1.14	0.0	4.96	15.97
WATER APPLICATION	FEB	3.00	0.300	0.0	9.87	1.14	0.0	4.96	15.97
WATER APPLICATION	MAR	3.00	0.300	0.0	9.87	1.14	5.52	4.96	21.49
WATER APPLICATION	APR	3.00	0.300	0.0	9.87	1.14	0.0	4.96	15.97
TOTALS		12.00	1.200	0.0	39.48	4.56	5.52	19.85	69.41

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF PROC. BEETS #2
(DOLLARS)

	52.00	58.50	65.00	71.50	78.00
TON					
5.00	26.34	58.84	91.34	123.84	156.34
5.63	62.44	99.00	135.57	172.13	208.69
6.25	98.54	139.17	179.79	220.42	261.04
6.88	134.64	179.33	224.02	268.70	313.39
7.50	170.74	219.49	268.24	316.99	365.74

QUANTITY OF
PROC. BEETS #2

CABBAGE IRRIGATED
TEXAS EDWARDS
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CABBAGE		BAGS	4.00	2200.00	
TOTAL PROJECTED RETURNS	550.00	BAGS		\$ 2200.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*CABBAGE SEED	1.50	LB.	42.00	63.00	
*NITROGEN (LIQ)	50.00	LB.	0.23	11.50	
*PHOSPHATE	80.00	LB.	0.32	25.60	
*HERBICIDE	1.00	ACRE	8.00	8.00	
*NITROGEN (DRY)	50.00	LB.	0.26	13.00	
*INSECTICIDE	10.00	APPL	7.00	70.00	
*FUNGICIDE APPL.	5.00	APPL	6.50	32.50	
PESTICIDE WATER	10.00	ACIN	3.50	35.00	
FUEL & LUBE--TRACTOR	16.00	ACRE		20.51	
EQUIPMENT		ACRE		1.21	
IRRIGATION		ACRE		41.92	
TRACTOR		ACRE		3.89	
EQUIPMENT		ACRE		2.58	
IRRIGATION		ACRE		10.72	
MACHINERY	2.59	ACRE		12.96	
IRRIGATION	1.60	ACRE		6.08	
EQUIPMENT	0.49	ACRE		1.86	
OTHER	24.00	ACRE		91.20	
OPERATING CAPITAL	4.90	DOL.	0.155	0.76	
SUBTOTAL, PREHARVEST		ACRE		452.29	\$
HARVEST COSTS					
HVST, PKG, MKT CBG	550.00	BAGS	2.00	1100.00	\$
SUBTOTAL, HARVEST		ACRE		1100.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 1552.29	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$	2.82/BAGS	CABBAGE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 647.71	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		28.71	
EQUIPMENT		ACRE		24.71	
IRRIGATION		ACRE		26.46	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	
TOTAL FIXED COSTS		ACRE		124.89	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 1677.18	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$	3.05/BAGS	CABBAGE	
6. NET PROJECTED RETURNS		ACRE		\$ 522.82	\$
CABBAGE ARE PACKED AND MARKETED IN 50 POUND BAGS.					
BUDGET BASED ON A FALL CROP					

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

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B-1241 (C16)

CABBAGE, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER	2,30	JUNE	0.50	0.131	0.100	1.24	0.66	0.0	1.71	3.61
OFFSET DISC	2,34	JUNE	1.20	0.273	0.207	2.53	1.37	0.0	5.60	9.50
MOLDBOARD PLOW	1,32	JUNE	1.00	0.571	0.432	6.78	2.85	0.0	13.85	23.49
LAND PLANE	1,50	JUNE	0.20	0.050	0.038	0.53	0.25	0.0	1.22	2.01
DRY FERT SPRDER	2,60	JUNE	1.00	0.203	0.154	1.89	1.02	38.60	3.74	45.24
OFFSET DISC	2,34	JULY	1.00	0.228	0.173	2.11	1.14	0.0	4.67	7.91
BEDDER 6R	1,36	JULY	1.00	0.151	0.115	1.62	0.76	0.0	2.36	4.74
CULTIVATOR 4R	1,39	JULY	1.00	0.227	0.172	2.40	1.13	0.0	3.93	7.47
HERBICIDE SPRAYR	63	JULY	1.00	0.0	0.264	0.08	0.0	8.00	2.29	10.37
STANHAY PLANTER	2,44	JULY	1.00	0.303	0.230	2.85	1.52	63.00	5.00	72.36
CULTIVATOR 4R	1,39	SEPT	1.00	0.227	0.172	2.40	1.13	0.0	3.93	7.47
CULTIVATOR 4R	1,39	OCT	1.00	0.227	0.172	2.40	1.13	0.0	3.93	7.47
TOTALS				2.592	2.228	26.84	12.96	109.60	52.22	201.62

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	JULY	6.00	0.600	0.0	19.74	2.28	0.0	9.92	31.94
WATER APPLICATION	AUG	6.00	0.600	0.0	19.74	2.28	11.50	9.92	43.44
WATER APPLICATION	SEPT	4.00	0.400	0.0	13.16	1.52	0.0	6.62	21.30
TOTALS		16.00	1.600	0.0	52.64	6.08	11.50	26.46	96.68

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF CABBAGE
(DOLLARS)

	3.20	3.60	4.00	4.40	4.80
BAGS					
440.00	75.71	251.71	427.71	603.71	779.70
495.00	141.71	339.71	537.71	735.71	933.70
550.00	207.71	427.71	647.71	867.70	1087.70
605.00	273.71	515.71	757.71	999.70	1241.70
660.00	339.71	603.71	867.71	1131.70	1395.70

QUANTITY OF
CABBAGE

CANTALOUPE, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CANTALOUPS	300.00	CRTN	5.50	1650.00	
TOTAL PROJECTED RETURNS				\$ 1650.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*CANTALOUPE SEED	2.00	LB.	9.00	18.00	
*NITROGEN (LIQ)	40.00	LB.	0.23	9.20	
*PHOSPHATE	80.00	LB.	0.32	25.60	
*HERBICIDE	1.00	ACRE	4.00	4.00	
*INSECTICIDE CANTALOUPS	5.00	APPL	7.00	35.00	
*FUNGICIDE	4.00	APPL	6.50	26.00	
PESTICIDE APPL.	5.00	ACRE	3.50	17.50	
BEEHIVE RENT	0.50	ACRE	15.00	7.50	
*NITROGEN (DRY)	60.00	LB.	0.26	15.60	
HAIL INSURANCE	1.00	ACRE	8.00	8.00	
IRRIGATION WATER	15.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		19.21	
EQUIPMENT		ACRE		1.45	
IRRIGATION		ACRE		39.30	
REPAIRS--TRACTOR		ACRE		3.67	
EQUIPMENT		ACRE		3.16	
IRRIGATION		ACRE		10.05	
LABOR--MACHINERY	3.01	HOOR	5.00	15.07	
IRRIGATION	1.50	HOOR	3.80	5.70	
EQUIPMENT	0.59	HOOR	3.80	2.23	
OTHER	18.00	HOOR	3.80	68.40	
OPERATING CAPITAL	51.89	DOL.	0.155	8.04	
SUBTOTAL, PREHARVEST		ACRE		\$ 342.68	\$
HARVEST COSTS					
HARV, PACK & MKT	300.00	CRTN	4.00	1200.00	
SUBTOTAL, HARVEST		ACRE		\$ 1200.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 1542.68	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 5.14/CRTN		CANTALOUPS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 107.32	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		30.29	
EQUIPMENT		ACRE		31.51	
IRRIGATION		ACRE		24.81	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	
TOTAL FIXED COSTS		ACRE		\$ 131.61	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 1674.29	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 5.58/CRTN		CANTALOUPS	
6. NET PROJECTED RETURNS		ACRE		\$ -24.29	\$

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CANTALOUPE, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CULTIVATOR 4R	3,39	NOV	1.00	0.227	0.172	1.66	1.13	0.0	3.10	5.89
SHREDDER	3,30	DEC	0.50	0.131	0.100	1.01	0.66	0.0	1.75	3.42
CULTIVATOR 4R	3,39	DEC	1.00	0.227	0.172	1.66	1.13	0.0	3.10	5.89
OFFSET DISC	3,34	JAN	1.20	0.273	0.207	2.05	1.37	0.0	5.69	9.11
MOLDBOARD PLOW	1,32	JAN	1.00	0.571	0.432	6.78	2.85	0.0	13.85	23.49
LAND PLANE	50	JAN	0.20	0.0	0.038	0.02	0.0	0.0	0.58	0.60
OFFSET DISC	3,34	FEB	1.00	0.228	0.173	1.71	1.14	0.0	4.74	7.59
BEDDER 6R	1,36	FEB	1.00	0.151	0.115	1.62	0.76	0.0	2.36	4.74
HERBICIDE SPRAYR	63	FEB	1.00	0.0	0.264	0.08	0.0	4.00	2.29	6.37
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.54	1.02	41.20	3.80	47.56
CULTIVATOR 4R	3,39	MAR	1.00	0.227	0.172	1.66	1.13	0.0	3.10	5.89
PLANTER 6R	3,42	MAR	1.00	0.224	0.170	1.97	1.12	18.00	5.48	26.57
CULTIVATOR 4R	3,39	APR	1.00	0.227	0.172	1.66	1.13	0.0	3.10	5.89
LAND PLANE	50	MAY	1.00	0.0	0.191	0.11	0.0	0.0	2.88	2.99
ROLLING CULT 4R	3,37	MAY	1.00	0.324	0.246	2.35	1.62	0.0	4.52	8.49
TOTALS				3.013	2.776	25.87	15.07	63.20	60.36	164.49

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	FEB	3.00	0.300	0.0	9.87	1.14	0.0	4.96	15.97
WATER APPLICATION	MAR	4.00	0.400	0.0	13.16	1.52	0.0	6.62	21.30
WATER APPLICATION	APR	4.00	0.400	0.0	13.16	1.52	9.20	6.62	30.50
WATER APPLICATION	MAY	4.00	0.400	0.0	13.16	1.52	0.0	6.62	21.30
TOTALS		15.00	1.500	0.0	49.35	5.70	9.20	24.81	89.06

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF CANTALOUPS
(DOLLARS)

	4.40	4.95	5.50	6.05	6.60
CRTN					
240.00	-246.68	-114.68	17.32	149.32	281.32
270.00	-234.68	-86.18	62.32	210.82	359.32
300.00	-222.68	-57.68	107.32	272.32	437.32
330.00	-210.68	-29.18	152.32	333.82	515.32
360.00	-198.68	-0.68	197.32	395.32	593.32

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE
VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT
STRATEGIES.

CARROTS, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CARROTS	350.00	EACH	6.50	2275.00	
TOTAL PROJECTED RETURNS				\$ 2275.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*CARROT SEED	3.50	LB.	5.50	19.25	_____
*NITROGEN (LIQ)	60.00	LB.	0.23	13.80	_____
*PHOSPHATE	75.00	LB.	0.32	24.00	_____
*HERBICIDE	2.00	ACRE	8.00	16.00	_____
*INSECTICIDE	2.00	APPL	6.00	12.00	_____
*FUNGICIDE	2.00	APPL	5.00	10.00	_____
PESTICIDE APPLI.	2.00	ACRE	3.50	7.00	_____
*NITROGEN (DRY)	60.00	LB.	0.26	15.60	_____
IRRIGATION WATER	18.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		16.21	_____
IRRIGATION		ACRE		47.16	_____
REPAIRS-----TRACTOR		ACRE		3.08	_____
EQUIPMENT		ACRE		2.40	_____
IRRIGATION		ACRE		12.06	_____
LABOR-----MACHINERY	2.46	ACRE	5.00	12.30	_____
IRRIGATION	1.80	HOUR	3.80	6.84	_____
OPERATING CAPITAL	34.73	DOL.	0.155	5.38	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 223.08	\$ _____
HARVEST COSTS					
HARV, PACK & MKT	350.00	BAGS	4.25	1487.50	_____
SUBTOTAL, HARVEST		ACRE		\$ 1487.50	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 1710.58	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.89/EACH	CARROTS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 564.42	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		25.40	_____
EQUIPMENT		ACRE		25.25	_____
IRRIGATION		ACRE		29.77	_____
LAND-CASH RENT	1.00	ACRE	40.00	40.00	_____
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	_____
TOTAL FIXED COSTS		ACRE		\$ 125.43	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 1836.00	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.25/EACH	CARROTS	
6. NET PROJECTED RETURNS		ACRE		\$ 439.00	\$ _____

CARROTS ARE PACKED AND MARKETING IN 48 ONE POUND CELLO BAGS

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TEXAS EDWARDS AQUIFER REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
OFFSET DISC	3,34	JUNE	1.20	0.273	0.207	2.05	1.37	0.0	5.69	9.11
MOLDBOARD PLOW	1,32	JUNE	1.00	0.571	0.432	6.78	2.85	0.0	13.85	23.49
LAND PLANE	1,50	JUNE	0.20	0.050	0.038	0.53	0.25	0.0	1.22	2.01
HERBICIDE SPRAYR	63	JUNE	1.00	0.0	0.264	0.08	0.0	8.00	2.29	10.37
OFFSET DISC	3,34	JULY	1.00	0.228	0.173	1.71	1.14	0.0	4.74	7.59
BEDDER 6R	1,36	JULY	1.00	0.151	0.115	1.62	0.76	0.0	2.36	4.74
DRY FERT SPRDER	3,60	JULY	1.00	0.203	0.154	1.54	1.02	39.60	3.80	45.96
STANHAY PLANTER	3,44	JULY	1.00	0.303	0.230	2.32	1.52	19.25	5.10	28.18
CULTIVATOR 4R	3,39	AUG	1.00	0.227	0.172	1.66	1.13	0.0	3.10	5.89
HERBICIDE SPRAYR	63	AUG	1.00	0.0	0.264	0.08	0.0	8.00	2.29	10.37
CULTIVATOR 4R	3,39	SEPT	1.00	0.227	0.172	1.66	1.13	0.0	3.10	5.89
CULTIVATOR 4R	3,39	OCT	1.00	0.227	0.172	1.66	1.13	0.0	3.10	5.89
TOTALS				2.461	2.393	21.68	12.30	74.85	50.65	159.49

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	JULY	6.00	0.600	0.0	19.74	2.28	0.0	9.92	31.94
WATER APPLICATION	AUG	3.00	0.300	0.0	9.87	1.14	13.80	4.96	29.77
WATER APPLICATION	SEPT	3.00	0.300	0.0	9.87	1.14	0.0	4.96	15.97
WATER APPLICATION	OCT	3.00	0.300	0.0	9.87	1.14	0.0	4.96	15.97
WATER APPLICATION	NOV	3.00	0.300	0.0	9.87	1.14	0.0	4.96	15.97
TOTALS		18.00	1.800	0.0	59.22	6.84	13.80	29.77	109.63

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF CARROTS
(DOLLARS)

	5.20	5.85	6.50	7.15	7.80
EACH					
280.00	42.92	224.92	406.92	588.92	770.92
315.00	76.17	280.92	485.67	690.42	895.17
350.00	109.42	336.92	564.42	791.92	1019.42
385.00	142.67	392.92	643.17	893.42	1143.67
420.00	175.92	448.92	721.92	994.92	1267.92

QUANTITY OF
CARROTS

CUCUMBERS, IRRIGATED
TEXAS EDWARDS' AQUIFER REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CUCUMBERS	250.00	CRTN	6.50	1625.00	
TOTAL PROJECTED RETURNS				\$ 1625.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*CUCUMBER SEED	3.00	LB.	8.00	24.00	
*NITROGEN (LIQ)	40.00	LB.	0.23	9.20	
*PHOSPHATE	80.00	LB.	0.32	25.60	
*HERBICIDE	1.00	ACRE	4.00	4.00	
*INSECTICIDE	1.00	APPL	7.50	7.50	
*FUNGICIDE	5.00	APPL	6.00	30.00	
*PESTICIDE APPLI.	5.00	ACRE	3.50	17.50	
BEEHIVE RENT	0.50	ACRE	15.00	7.50	
*NITROGEN (DRY)	40.00	LB.	0.26	10.40	
HAIL INSURANCE	1.00	ACRE	8.00	8.00	
IRRIGATION WATER	16.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		16.41	
EQUIPMENT		ACRE		1.21	
IRRIGATION		ACRE		41.92	
REPAIRS-----TRACTOR		ACRE		3.12	
EQUIPMENT		ACRE		2.58	
IRRIGATION		ACRE		10.72	
LABOR-----MACHINERY	2.50	HOURL	5.00	12.48	
IRRIGATION	1.60	HOURL	3.80	6.08	
EQUIPMENT	0.49	HOURL	3.80	1.86	
OTHER	10.00	HOURL	3.80	38.00	
OPERATING CAPITAL	14.58	DOL.	0.155	2.26	
SUBTOTAL, PREHARVEST		ACRE		\$ 280.35	\$
HARVEST COSTS					
HRV, PKG, MKT	250.00	CRTN	4.25	1062.50	
SUBTOTAL, HARVEST		ACRE		\$ 1062.50	\$
TOTAL VARIABLE COSTS		ACRE		\$ 1342.85	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 5.37/CRTN		CUCUMBERS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 282.15	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		25.73	
EQUIPMENT		ACRE		24.24	
IRRIGATION		ACRE		26.46	
LAND-CASH RENT	1.00	ACRE	30.00	30.00	
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	
TOTAL FIXED COSTS		ACRE		\$ 111.43	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 1454.28	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 5.82/CRTN		CUCUMBERS	
6. NET PROJECTED RETURNS		ACRE		\$ 170.72	\$

CUCUMBERS ARE PACKED AND MARKETING IN 50 POUND CARTONS.
BUDGET BASED ON A FALL CROP

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/17/82.

B-1241 (C16)

CUCUMBERS, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER	3,30	JUNE	1.00	0.263	0.199	2.02	1.31	0.0	3.51	6.84
OFFSET DISC	3,34	JUNE	2.20	0.501	0.380	3.76	2.51	0.0	10.43	16.70
MOLDBOARD PLOW	1,32	JUNE	1.00	0.571	0.432	6.78	2.85	0.0	13.85	23.49
LAND PLANE	1,50	JUNE	0.20	0.050	0.038	0.53	0.25	0.0	1.22	2.01
HERBICIDE SPRAYR	63	JUNE	1.00	0.0	0.264	0.08	0.0	4.00	2.29	6.37
DRY FERT SPRDER	3,60	JULY	1.00	0.203	0.154	1.54	1.02	36.00	3.80	42.36
BEDDER 6R	1,36	AUG	1.00	0.151	0.115	1.62	0.76	0.0	2.36	4.74
CULTIVATOR 4R	3,39	AUG	1.00	0.227	0.172	1.66	1.13	0.0	3.10	5.89
STANHAY PLANTER	3,44	AUG	1.00	0.303	0.230	2.32	1.52	24.00	5.10	32.93
CULTIVATOR 4R	3,39	SEPT	1.00	0.227	0.172	1.66	1.13	0.0	3.10	5.89
TOTALS				2.497	2.156	21.97	12.48	64.00	48.77	147.21

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	NOV	4.00	0.400	0.0	13.16	1.52	0.0	6.62	21.30
WATER APPLICATION	AUG	4.00	0.400	0.0	13.16	1.52	0.0	6.62	21.30
WATER APPLICATION	SEPT	4.00	0.400	0.0	13.16	1.52	9.20	6.62	30.50
WATER APPLICATION	OCT	4.00	0.400	0.0	13.16	1.52	0.0	6.62	21.30
TOTALS		16.00	1.600	0.0	52.64	6.08	9.20	26.46	94.38

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF CUCUMBERS
(DOLLARS)

	5.20	5.85	6.50	7.15	7.80
CRTN					
200.00	-90.35	39.65	169.65	299.65	429.65
225.00	-66.60	79.65	225.90	372.15	518.40
250.00	-42.85	119.65	282.15	444.65	607.15
275.00	-19.10	159.65	338.40	517.15	695.90
300.00	4.65	199.65	394.65	589.65	784.65

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE
VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT
STRATEGIES.