PROCESSED BEETS (IRRIGATED)
TEXAS WINTER GARDEN 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
MOLDBOARD 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
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				2.545	2.193	27.13	12.73	63.20	52.92	155.98

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	10.92	1.14	0.0	6.14	18.19
WATER APPLICATION	FEB	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
WATER APPLICATION	MAR	3.00	0.300	0.0	10.92	1.14	5.52	6.14	23.71
WATER APPLICATION	APR	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
TOTALS		12.00	1.200	0.0	43.68	4.56	5.52	24.54	78.30

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)

QUANTITY OF PROC. BEETS #2 (TON)	52.00	58.50	65.00	71.50	78.00
5.00	26.33	58.83	91.33	123.83	156.33
5.63	62.43	98.99	135.56	172.12	208.68
6.25	98.53	139.16	179.78	220.41	261.03
6.88	134.63	179.32	224.01	268.69	313.38
7.50	170.73	219.48	268.23	316.98	365.73

CABBAGE, IRRIGATED
TEXAS WINTER GARDEN REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CABBAGE	550.00	BAGS	4.00	2200.00	$________
TOTAL PROJECTED RETURNS				$ 2200.00	$________
2. VARIABLE COSTS	INPUT USE				
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	5.00	APPL	6.50	32.50	________
PESTICIDE APPLI.	10.00	ACRE	3.50	35.00	________
IRRIGATION WATER	16.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		20.51	________
EQUIPMENT		ACRE		1.21	________
IRRIGATION		ACRE		46.08	________
REPAIRS------TRACTOR		ACRE		3.89	________
EQUIPMENT		ACRE		2.58	________
IRRIGATION		ACRE		12.16	________
LABOR--------MACHINERY	2.59	HOUR	5.00	12.96	________
IRRIGATION	1.60	HOUR	3.80	6.08	________
EQUIPMENT	0.49	HOUR	3.80	1.86	________
OTHER	24.00	HOUR	3.80	91.20	________
OPERATING CAPITAL	6.36	DOL.	0.155	0.99	________
SUBTOTAL, PREHARVEST		ACRE		$ 458.12	$________
HARVEST COSTS					
HVST,PKG,MKT CBG	550.00	BAGS	2.00	1100.00	________
SUBTOTAL, HARVEST		ACRE		$ 1100.00	$________
TOTAL VARIABLE COSTS		ACRE		$ 1558.12	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 2.83/BAGS CABBAGE			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 641.88	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		28.71	________
EQUIPMENT		ACRE		24.71	________
IRRIGATION		ACRE		32.72	________
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		$ 131.14	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 1689.26	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 3.07/BAGS CABBAGE			
6. NET PROJECTED RETURNS		ACRE		$ 510.74	$________

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.

CABBAGE, IRRIGATED
TEXAS WINTER GARDEN 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	21.84	2.28	0.0	12.27	36.39
WATER APPLICATION	AUG	6.00	0.600	0.0	21.84	2.28	11.50	12.27	47.89
WATER APPLICATION	SEPT	4.00	0.400	0.0	14.56	1.52	0.0	8.18	24.26
TOTALS		16.00	1.600	0.0	58.24	6.08	11.50	32.72	108.54

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)

QUANTITY OF CABBAGE	BAGS	3.20	3.60	4.00	4.40	4.80
	440.00	69.88	245.88	421.88	597.88	773.88
	495.00	135.88	333.88	531.88	729.88	927.88
	550.00	201.88	421.88	641.88	861.88	1081.88
	605.00	267.88	509.88	751.88	993.88	1235.88
	660.00	333.88	597.88	861.88	1125.88	1389.88

CANTALOUPES, IRRIGATED
TEXAS WINTER GARDEN 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	INPUT USE				
PREHARVEST COSTS					
*CANTALOUP 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	5.00	APPL	7.00	35.00	________
*FUNGICIDE	4.00	APPL	6.50	26.00	________
PESTICIDE APPLI.	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		43.20	________
REPAIRS------TRACTOR		ACRE		3.67	________
EQUIPMENT		ACRE		3.16	________
IRRIGATION		ACRE		11.40	________
LABOR---------MACHINERY	3.01	HOUR	5.00	15.07	________
IRRIGATION	1.50	HOUR	3.80	5.70	________
EQUIPMENT	0.59	HOUR	3.80	2.23	________
OTHER	18.00	HOUR	3.80	68.40	________
OPERATING CAPITAL	53.81	DOL.	0.155	8.34	________
SUBTOTAL, PREHARVEST		ACRE		$ 348.23	$________
HARVEST COSTS					
HARV, PACK & MKT	300.00	CRTN	4.00	1200.00	________
SUBTOTAL, HARVEST		ACRE		$ 1200.00	$________
TOTAL VARIABLE COSTS		ACRE		$ 1548.23	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 5.16/CRTN CANTALOUPS			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 101.77	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		30.29	________
EQUIPMENT		ACRE		31.51	________
IRRIGATION		ACRE		30.67	________
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		$ 137.47	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 1685.70	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 5.62/CRTN CANTALOUPS			
6. NET PROJECTED RETURNS		ACRE		$ -35.70	$________

CANTALOUPES, IRRIGATED
TEXAS WINTER GARDEN 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	10.92	1.14	0.0	6.14	18.19
WATER APPLICATION	MAR	4.00	0.400	0.0	14.56	1.52	0.0	8.18	24.26
WATER APPLICATION	APR	4.00	0.400	0.0	14.56	1.52	9.20	8.18	33.46
WATER APPLICATION	MAY	4.00	0.400	0.0	14.56	1.52	0.0	8.18	24.26
TOTALS		15.00	1.500	0.0	54.60	5.70	9.20	30.67	100.17

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)

QUANTITY OF CANTALOUPS	CRTN	4.40	4.95	5.50	6.05	6.60
	240.00	-252.23	-120.23	11.77	143.77	275.77
	270.00	-240.23	-91.73	56.77	205.27	353.77
	300.00	-228.23	-63.23	101.77	266.77	431.77
	330.00	-216.23	-34.73	146.77	328.27	509.77
	360.00	-204.23	-6.23	191.77	389.77	587.77

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

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/15/82. B-1241(C12)

CARROTS, IRRIGATED
TEXAS WINTER GARDEN 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	INPUT USE				
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		51.84	______
REPAIRS-------TRACTOR		ACRE		3.08	______
EQUIPMENT		ACRE		2.40	______
IRRIGATION		ACRE		13.68	______
LABOR---------MACHINERY	2.46	HOUR	5.00	12.30	______
IRRIGATION	1.80	HOUR	3.80	6.84	______
OPERATING CAPITAL	37.53	DOL.	0.155	5.82	______
SUBTOTAL, PREHARVEST		ACRE		$ 229.81	$______
HARVEST COSTS					
HARV, PACK & MKT	350.00	BAGS	4.25	1487.50	
SUBTOTAL, HARVEST		ACRE		$ 1487.50	$______
TOTAL VARIABLE COSTS		ACRE		$ 1717.31	$______
BREAK-EVEN PRICE, VARIABLE COSTS		$ 4.91/EACH CARROTS			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 557.69	$______
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		25.40	______
EQUIPMENT		ACRE		25.25	______
IRRIGATION		ACRE		36.81	______
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		$ 132.46	$______
5. TOTAL PROJECTED COSTS		ACRE		$ 1849.77	$______
BREAK-EVEN PRICE, TOTAL COSTS		$ 5.29/EACH CARROTS			
6. NET PROJECTED RETURNS		ACRE		$ 425.23	$______

CARROTS ARE PACKED AND MARKETED IN 48 ONE POUND CELLO BAGS

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.

CARROTS, IRRIGATED
TEXAS WINTER GARDEN 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	21.84	2.28	0.0	12.27	36.39
WATER APPLICATION	AUG	3.00	0.300	0.0	10.92	1.14	13.80	6.14	31.99
WATER APPLICATION	SEPT	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
WATER APPLICATION	OCT	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
WATER APPLICATION	NOV	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
TOTALS		18.00	1.800	0.0	65.52	6.84	13.80	36.81	122.97

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)

QUANTITY OF CARROTS (EACH)	5.20	5.85	6.50	7.15	7.80
280.00	36.19	218.19	400.19	582.19	764.19
315.00	69.44	274.19	478.94	683.69	888.44
350.00	102.69	330.19	557.69	785.19	1012.69
385.00	135.94	386.19	636.44	886.69	1136.94
420.00	169.19	442.19	715.19	988.19	1261.19

PROCESSED CARROTS, IRRIGATED
TEXAS WINTER GARDEN REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
PROC. CARROTS #1	8.00	TON	64.00	512.00	________
PROC. CARROTS #2	2.40	TON	36.00	86.40	________
PROC. CARROTS #3	1.20	TON	15.00	18.00	________
CARROT CULLS	0.40	TON	1.00	0.40	________
TOTAL PROJECTED RETURNS				$ 616.80	$________
2. VARIABLE COSTS	INPUT USE				
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		51.84	________
REPAIRS-------TRACTOR		ACRE		3.08	________
EQUIPMENT		ACRE		2.40	________
IRRIGATION		ACRE		13.68	________
LABOR---------MACHINERY	2.46	HOUR	5.00	12.30	________
IRRIGATION	1.80	HOUR	3.80	6.84	________
OPERATING CAPITAL	61.51	DOL.	0.155	9.53	________
SUBTOTAL, PREHARVEST		ACRE		$ 233.53	$________
HARVEST COSTS					
HARVEST AND HAUL	13.00	TON	9.00	117.00	________
SUBTOTAL, HARVEST		ACRE		$ 117.00	$________
TOTAL VARIABLE COSTS		ACRE		$ 350.53	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 30.72/TON		PROC. CARROTS #1	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 266.27	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		25.40	________
EQUIPMENT		ACRE		25.25	________
IRRIGATION		ACRE		36.81	________
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		$ 132.46	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 482.99	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 47.27/TON		PROC. CARROTS #1	
6. NET PROJECTED RETURNS		ACRE		$ 133.81	$________

YIELD BASED ON 65% #1; 20% #2; 10% #3; AND 5% USABLE CULLS.

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.

PROCESSED CARROTS, IRRIGATED
TEXAS WINTER GARDEN 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	21.84	2.28	0.0	12.27	36.39
WATER APPLICATION	AUG	3.00	0.300	0.0	10.92	1.14	13.80	6.14	31.99
WATER APPLICATION	SEPT	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
WATER APPLICATION	OCT	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
WATER APPLICATION	NOV	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
TOTALS		18.00	1.800	0.0	65.52	6.84	13.80	36.81	122.97

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. CARROTS #1
(DOLLARS)

QUANTITY OF PROC. CARROTS #1 (TON)	51.20	57.60	64.00	70.40	76.80
6.40	84.39	125.35	166.31	207.27	248.23
7.20	124.13	170.21	216.29	262.37	308.45
8.00	163.87	215.07	266.27	317.47	368.67
8.80	203.61	259.93	316.25	372.57	428.89
9.60	243.35	304.79	366.23	427.67	489.11