



TEXAS RIO GRANDE VALLEY

FOREWORD

The enterprise budgets for the Rio Grande Valley are based on yields as shown on form 19000600. Differentiation of farm size between management levels was particularly difficult due to different tenure patterns, climatic conditions and soil resources across the four-county area. In addition, dryland farms are considerably larger than irrigated farms. Taking these factors into consideration, it was decided to base costs for a typical farm on 500 acres and a high level farm at 900 acres.

Little difference was determined in machinery complement between management levels. However, the high level operator generally has more 6-row equipment and implement size is more directly related to tractor size.

Much, if not most, of the difference in yields and overall management is a function of timing and doing things right rather than a difference in land, farm size, machinery complement, etc.

The citrus budgets are based on two primary assumption: (1) The most typical grove in the Rio Grande Valley is a small grove containing both young trees (planted since the 1962 freeze) and old partially freeze-damaged trees, operated under grove care by someone other than the owner. (2) The more productive groves are those which have not received any significant freeze damage and were either developed by the owner or purchased as young groves by the

owner. These may be either owner-operated or under grove care. For the sake of time and space the budgets of these groves (from planting to bearing) are based on owner-operator costs only. *These budgets are not intended to indicate that good groves are owner-operated and poor groves are under grove care company management.*

Citrus budgets were developed for establishment, development and mature bearing groves for orange and grapefruit. Early and late oranges are combined by means of a weighted average.

Vegetable budgets are based upon an average harvested yield over time and a price received as shown footnoted at the bottom of each budget. The period used to determine prices is based on trends in price rather than using an across the board average of "x" numbers of years.

The primary source of irrigation water in the valley area is water sold by irrigation districts delivered to the farm. Water cost varies by district but an estimate of \$2.50 per irrigation (in addition to flat rate and taxes) is used in all budgets. There are some irrigation wells along the Rio Grande River and in some other isolated areas, but well costs are not included.

Taxes are quite variable across the four county area, depending upon county, school district, drainage district, irrigation district, etc. However, taxes are held constant across the area.

TEXAS RIO GRANDE VALLEY REGION (1973)

Yield Per Acre For Typical And High Level Management

Crop	Unit	Irrigated		Dryland	
		Typical	High Level	Typical	High Level
Buffel Grass Pasture *	-		-		
Cabbage	50# bags	-	800	-	-
Cantaloups	40# carton	-	300	-	-
Carrots	50# bag	300	400	-	-
Citrus					
Grapefruit	tons	16	20	-	-
Oranges	tons	9	12	-	-
Coastal Bermuda					
Hay	tons	7	12	-	-
Pasture *	-	-	-	-	-
Corn	bu.	55	120	-	-
Corn Silage	tons	10	14	-	-
Cotton	lbs.	400	500	350	500
Forage Sorghum Silage	tons	15	18	-	-
Grain Sorghum	cwt.	40	60	25	40
Onions	50# bag	-	500	-	-
Tomatoes	30# carton	-	165	-	-

Reflected in livestock budgets

TEXAS RIO GRANDE VALLEY REGION
Assumed Prices Paid and Received by Farmers

Item	Unit	Price
Prices Paid (1973)		
Seed:		
Cotton	50 lbs.	\$10.50
Grain Sorghum	50 lbs.	11.50
Corn	50 lbs.	22.50
Forage Sorghum	50 lbs.	14.00
Coastal Bermuda (sprigs & sprigging)	acre	30.00
Buffel Grass	1b.	1.65
Carrots	1b.	5.00
Cabbage	1b.	35.00
Onions	1b.	20.00
Lettuce	1b.	11.00
Cantaloups	1b.	2.50
Tomatoes	1b.	15.00
Fertilizer:		
Nitrogen	1b.	.13
Phosphorous	1b.	.13
Potash	1b.	.05
Ammonium Nitrate	ton	85.00
Ammonium Sulfate	ton	65.00
Anhydrous Ammonia	ton	80.00
0-20-0	ton	54.00
Herbicides:		
Treflan	qt.	5.50
Planovin	gal.	21.00
Simazine	1b.	2.85
Lorox	1b.	3.00
Dacthal	1b.	1.22
TDK	1b.	2.50
Prefar	gal.	11.00
Paraquat	gal.	32.00
Balan	gal.	13.20
Karmex	1b.	3.00
Hyvar X	1b.	6.00
Igram	1b.	2.85
Banvell D	gal.	30.40

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TEXAS RIO GRANDE KEY REGION (1973)

Estimated Machinery and Equipment Cost Per Hour of Use, High Level Management

Machinery Item and Size	Item No.	New Cost	Estimated Typical Yrs. Of Use	Estimated Total Hours Of Use	Fixed Costs		Fuel, Oil Lub., Rep.	
					Per Hour	Per Acre	Per Hour	Per Acre
Tractor (115 HP)	1	\$11,000	5	6,000	\$ 1.63	\$ -	\$ 2.43	\$ -
Tractor (90 HP)	3	9,000	5	5,000	1.60	-	1.91	-
Tractor (75 HP)	5	7,500	8	6,400	1.42	-	1.36	-
Tractor (60 HP)	7	5,500	10	6,000	1.28	-	1.22	-
Tractor (40 HP)	9	5,000	12	6,000	1.32	-	1.03	-
Pickup (1/2 ton)	11	3,600	3	2,400	1.14	-	2.16	-
Cotton Picker	17	20,000	6	1,500	15.05	10.96	5.72	4.18
MB Plow	31	1,475	8	1,200	2.95	1.11	1.29	.48
Chisel Plow	33	1,200	10	1,500	1.18	.27	.35	.08
Rolling Cultivator (6r)	35	1,895	10	2,500	1.12	.14	.46	.06
Bedder (6r)	37	1,200	10	2,500	.71	.11	.20	.03
Planter (6r)	39	900	10	1,500	.89	.11	.34	.04
Offset Disc	41	2,800	10	1,500	2.76	.44	.80	.13
Tandem Disc	43	2,200	10	2,000	1.62	.17	.39	.04
Cultivator (6r)	47	1,500	10	1,500	1.48	.21	.56	.08
Shredder (4r)	49	1,850	8	1,200	2.04	.33	.58	.09
Float Plane	51	2,650	15	2,500	1.95	.57	.52	.15
Vegetable Planter	53	1,000	10	1,000	1.48	.35	.46	.11
Herbicide Sprayer	55	700	8	1,200	.76	.14	.17	.03
Ditcher Blade	57	420	10	1,000	.62	.21	.18	.06
Disc Tiller	59	1,800	15	2,000	1.77	.26	.52	.08
Cotton Trailers	61	2,000	10	2,500	1.17	.18	.41	.06
Orchard Sprayer	65	4,400	10	3,000	2.17	.26	.42	.05
Tandem Disc	67	900	15	1,500	1.10	.28	.17	.04
Herb Spray & Handgun	69	900	15	1,500	1.10	.28	.17	.04
Shredder (2r)	71	750	15	1,500	.92	.39	.25	.11
Flex Harrow	73	400	10	1,500	.39	.07	.12	.02
Stanhay Planter	75	11,500	8	1,600	9.48	2.67	3.51	.99

TEXAS RIO GRANDE VALLEY REGION (1973)

Estimated Machinery and Equipment Cost Per Hour of Use, Typical Management

Machinery Item and Size	Item No.	New Cost	Estimated Typical Yrs. Of Use	Estimated Total Hours Of Use	Fixed Costs		Fuel, Oil Lub., Rep.	
					Per Hour	Per Acre	Per Hour	Per Acre
Tractor (115 HP)	2	\$11,000	5	5,000	\$ 1.96	\$ -	\$ 2.34	\$ -
Tractor (90 HP)	4	9,000	5	5,000	1.60	-	1.91	-
Tractor (60 HP)	6	5,500	10	5,000	1.54	-	1.17	-
Tractor (40 HP)	9	5,000	12	6,000	1.32	-	1.03	-
Pickup (1/2 ton)	10	3,600	4	2,500	1.29	-	2.17	-
Cotton Picker	18	20,000	10	2,000	14.86	10.82	5.28	3.85
MB Plow	30	1,475	8	800	2.41	1.14	.62	.29
Chisel Plow	32	950	10	1,500	.94	.26	.27	.08
Rolling Cultivator (6r)	34	1,895	10	2,000	1.40	.17	.62	.08
Bedder (6r)	36	1,200	10	1,500	1.18	.18	.45	.07
Planter (6r)	38	900	10	1,000	1.33	.16	.42	.05
Offset Disc	40	1,975	10	1,500	1.95	.40	.57	.12
Tandem Disc	42	1,475	10	1,500	1.45	.21	.43	.06
Shredder	44	750	6	900	.94	.40	.32	.14
Disc Tiller	46	1,800	10	1,500	1.77	.26	.52	.08
Float Plane	48	2,650	15	2,000	2.44	.71	.43	.13
Cultivator (6r)	50	1,500	10	1,500	1.48	.21	.56	.08
Vegetable Planter	52	1,000	10	500	2.96	.70	.30	.07
Herb Sprayer (6r)	54	700	6	600	1.31	.24	.34	.06
Ditcher Blade	56	420	15	750	1.03	.35	.24	.08
Cotton Trailers	58	400	10	1,500	.39	.06	.18	.03
Orchard Sprayer	62	4,400	10	3,000	2.17	.31	.42	.06
Tandem Disc	64	900	15	1,500	1.10	.28	.17	.04
Tree Hoe	68	895	10	2,000	.66	.61	.09	.08
Broadcast Seeder	70	450	10	2,000	.33	.03	.08	.01

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Item	Unit	Price
Insecticides:		
Methyl Parathion	gal.	3.60
Ethyl Parathion	gal.	3.60
Toxephene	gal.	2.80
Di-Syston	gal.	16.00
Monitor	gal.	43.00
Dipel	gal.	8.35
Lannate	gal.	15.60
Fundall	gal.	30.00
Galecron	gal.	30.00
Guthion	gal.	8.10
Cygon	gal.	15.85
Meta-Systox	gal.	18.75
Sevin	lb.	.99
Fungicides:		
Manzate	lb.	.90
Maneb	lb.	.90
Bravo	gal.	16.90
Difolotan	gal.	6.70
Kocide 101	lb.	1.44
Tri-basic Copper	lb.	.90
Defolants:		
Def	gal.	10.50
Foliar Feeds:		
Nutrleaf - 60	lb.	.40
Urea	ton	98.50
Custom Services:		
Combine & Haul Grain	cwt.	.30
Combine Corn	acre	10.00
Haul Corn	cwt.	.10
Cotton Picking	bale	30.00
Cut, Rake, Bale Hay	bale	.35
Haul Hay	bale	.15
Cut, Haul, Pack Silage	ton	2.25
Aerial Applications		
Insecticide	acre	1.25
Fungicides	acre	1.50
Defoliant	acre	1.75
Labor:		
Tractor Operator	acre	1.75
Hand Labor	acre	1.30
Irrigation Labor	acre	1.50

Item	Unit	Price
Fuels:		
Diesel	gal.	.24
Regular Gasoline	gal.	.33
L. P.	gal.	.22
Prices Received (1973)		
Cabbage	50# bag	2.27
Cantaloups	40# carton	4.32
Carrots	50# bag	3.44
Citrus		
Grapefruit	ton	38.71
Oranges	ton	29.72
Coastal Bermuda Hay	ton	30.00
Corn	bu.	2.00
Corn Silage	ton	6.00
Cotton	lb.	.35
Forage Sorghum Silage	ton	4.00
Grain Sorghum	cwt.	3.50
Onions	50# bag	9.33
Tomatoes	30# carton	4.20

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BUFFEL GRASS ESTAB., DRYLAND, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				-----
TOTAL				0.0
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	1.65	2.00	3.30
MACHINERY	ACRE	1.18	1.00	1.18
TRACTORS	ACRE	1.95	1.00	1.95
LABOR (TRACTOR & MACHINERY)	HOUR	1.75	1.39	2.43
INTEREST ON OP. CAP.	DOL.	0.09	4.61	---0.42
SUBTOTAL, PRE-HARVEST				9.27
HARVEST COSTS				
SUBTOTAL, HARVEST				----- 0.0
TOTAL VARIABLE CCST				9.27
3. INCOME ABOVE VARIABLE COSTS				-9.27
4. FIXED COSTS				
MACHINERY	ACRE	2.02	1.00	2.02
TRACTORS	ACRE	1.63	1.00	1.63
TAXES (LAND, WATER)	ACRE	1.15	1.00	1.15
LAND (NET RENT)	ACRE	10.00	1.00	---10.00
TOTAL FIXED COSTS				14.80
5. TOTAL COSTS				24.08
6. NET RETURNS				-24.08

REVISED, 1973.

BUDGET IDENTIFICATION NUMBER --- 085 9000 900 0
ANNUAL CAPITAL MONTH 12

BUFFEL GRASS ESTAB., DRYLAND, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NC.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	FEB	0.05	0.062	0.050	0.11	0.06
MOLDBOARD PLOW	2,30	MAR	1.00	0.595	0.475	0.30	1.15
OFFSET DISC	2,40	MAR	1.00	0.260	0.207	0.12	0.40
BROADCAST SEEDER	4,70	MAR	1.00	0.096	0.076	0.01	0.03
PICKUP TRUCK	10	MAR	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	APR	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	MAY	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	AUG	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	OCT	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	DEC	0.05	0.062	0.050	0.11	0.06
TOTALS				1.388	1.108	1.18	2.02

REVISED, 1973.

BUDGET IDENTIFICATION NUMBER --- 085 9000 900 0
ANNUAL CAPITAL MONTH 12

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BUFFEL GRASS, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				-----
TOTAL				0.0
2. VARIABLE COSTS.				
PREHARVEST				
MACHINERY	ACRE	0.76	1.00	0.76
LABOR (TRACTOR & MACHINERY)	HOUR	1.75	0.44	0.77
OTHER LABOR	HOUR	1.30	0.50	0.65
INTEREST ON OP. CAP.	DOL.	0.09	0.32	-----0.03
SUBTOTAL, PRE-HARVEST				2.21
HARVEST COSTS				-----
SUBTOTAL, HARVEST				0.0
TOTAL VARIABLE CGST				2.21
3. INCOME ABOVE VARIABLE COSTS				-2.21
4. FIXED COSTS				
MACHINERY	ACRE	0.45	1.00	0.45
TRACTORS	ACRE	0.0	1.00	0.0
TAXES (LAND, WATER)	ACRE	1.15	1.00	1.15
PRORATED ESTAB. COST	ACRE	24.08	0.10	2.41
LAND (NET RENT)	ACRE	10.00	1.00	-----10.00
TOTAL FIXED COSTS				14.01
5. TOTAL COSTS				16.21
6. NET RETURNS				-16.21

ESTABLISHMENT COSTS PRORATED OVER TEN YEARS.
INCOME REFLECTED IN LIVESTOCK BUDGETS.

REVISED, 1973.

BUDGET IDENTIFICATION NUMBER --- 085 9000 900 0
ANNUAL CAPITAL MONTH 12

BUFFEL GRASS, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NC.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	APR	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	MAY	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	JUNE	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	JULY	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	AUG	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	SEPT	0.05	0.062	0.050	0.11	0.06
PICKUP TRUCK	10	OCT	0.05	<u>0.062</u>	<u>0.050</u>	<u>0.11</u>	<u>0.06</u>
TOTALS				0.437	0.350	0.76	0.45

ESTABLISHMENT COSTS PRORATED OVER TEN YEARS.
INCOME REFLECTED IN LIVESTOCK BUDGETS.

REVISED, 1973.

BUDGET IDENTIFICATION NUMBER --- 085 9000 900 0
ANNUAL CAPITAL MCNTH 12

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CABBAGE, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FRGM PRODUCTION				
CABBAGE	BAGS	2.27	800.00	<u>1816.00</u>
TOTAL				1816.00
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	35.00	1.50	52.50
FERT(200-80-0)	ACRE	36.40	1.00	36.40
HERBICIDE	ACRE	6.00	1.00	6.00
INSECTICIDE	ACRE	35.00	1.00	35.00
CUSTOM SPRAY	APPL	1.25	14.00	17.50
FUNGICIDE	ACRE	24.00	1.00	24.00
CUSTOM SPRAY	APPL	1.50	12.00	18.00
IRRIGATION WATER	APPL	2.50	5.00	12.50
MACHINERY	ACRE	4.67	1.00	4.67
TRACTORS	ACRE	6.33	1.00	6.33
IRRIGATION MACHINERY	ACRE	2.24	1.00	2.24
LABOR(TRACTOR & MACHINERY)	HOUR	1.75	5.35	9.37
LABOR(IRRIGATION)	HOUR	1.50	5.10	7.65
OTHER LABOR	HOUR	1.30	20.00	26.00
INTEREST ON OP. CAP.	DOL.	0.09	118.89	<u>10.70</u>
SUBTOTAL, PRE-HARVEST				268.86
HARVEST COSTS				
HARVESTING	BAGS	0.25	800.00	200.00
GIN, BAG, & TIE	BAGS	0.65	800.00	520.00
SELLING	BAGS	0.18	800.00	<u>144.00</u>
SUBTOTAL, HARVEST				864.00
TOTAL VARIABLE COST				1132.85
3. INCOME ABOVE VARIABLE COSTS				683.14
4. FIXED COSTS				
MACHINERY	ACRE	7.58	1.00	7.58
TRACTORS	ACRE	5.09	1.00	5.09
IRRIGATION MACHINERY	ACRE	9.11	1.00	9.11
LAND (NET RENT)	ACRE	45.00	1.00	<u>45.00</u>
TOTAL FIXED COSTS				66.77
5. TOTAL COSTS				1199.63
6. NET RETURNS				616.37

* WAXED CARTONS ADD 60 TO PACKING CHARGE, WIREBOUND CRATES ADD 75 TO HARVESTING CHARGE. LAND CHARGE BASED ON CASH LEASE. REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 099 9700 950 0
ANNUAL CAPITAL MONTH 4

CABBAGE, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	MAY	0.10	0.125	0.100	0.22	0.13
SHREDDER 4R	5,49	JUNE	1.00	0.205	0.163	0.09	0.33
OFFSET DISC	1,41	JUNE	1.00	0.200	0.159	0.13	0.44
PICKUP TRUCK	10	JUNE	0.10	0.125	0.100	0.22	0.13
MOLDBOARD PLOW	1,31	JULY	0.50	0.235	0.188	0.24	0.55
CHISEL PLOW	1,33	JULY	0.50	0.143	0.114	0.04	0.14
TANDEM DISC	1,43	JULY	1.00	0.130	0.104	0.04	0.17
PICKUP TRUCK	10	JULY	0.10	0.125	0.100	0.22	0.13
FLOAT PLANE	1,51	AUG	1.00	0.368	0.293	0.15	0.57
BEDDER 6R	3,37	AUG	1.00	0.193	0.154	0.03	0.11
FERT. APPLI, RENTD	5,87	AUG	1.00	0.081	0.064	0.0	0.0
STANHAY PLANTER	1,75	AUG	1.00	0.354	0.282	0.99	2.67
PICKUP TRUCK	10	AUG	0.10	0.125	0.100	0.22	0.13
DITCHER BLADE	7,57	SEPT	0.50	0.210	0.168	0.03	0.10
DITCHER BLADE	7,57	SEPT	0.50	0.210	0.168	0.03	0.10
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.22	0.13
CULTIVATOR 6R	3,47	OCT	1.00	0.179	0.143	0.08	0.21
FERT. APPLI, RENTD	5,87	OCT	1.00	0.081	0.064	0.0	0.0
DITCHER BLADE	7,57	OCT	0.50	0.210	0.168	0.03	0.10
DITCHER BLADE	7,57	OCT	0.50	0.210	0.168	0.03	0.10
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.22	0.13
CULTIVATOR 6R	3,47	NOV	1.00	0.179	0.143	0.08	0.21
FERT. APPLI, RENTD	5,87	NOV	1.00	0.081	0.064	0.0	0.0
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.22	0.13
FERT. APPLI, RENTD	5,87	DEC	1.00	0.081	0.064	0.0	0.0
DITCHER BLADE	7,57	DEC	0.50	0.210	0.168	0.03	0.10
DITCHER BLADE	7,57	DEC	0.50	0.210	0.168	0.03	0.10
PICKUP TRUCK	10	DEC	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	JAN	0.10	0.125	0.100	0.22	0.13
FERT. APPLI, RENTD	5,87	FEB	1.00	0.081	0.064	0.0	0.0
PICKUP TRUCK	10	FEB	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	MAR	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	APR	0.10	0.125	0.100	0.22	0.13
TOTALS				5.353	4.271	4.67	7.58

* WAXED CARTGNS ADD 60 TO PACKING CHARGE, WIREBOUND CRATES ADD 75 TO HARVESTING CHARGE. LAND CHARGE BASED ON CASH LEASE. REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 099 9700 950 0
ANNUAL CAPITAL MONTH 4

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socio-economic levels, race, color, sex, religion or national origin.

Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.

CANTALOUPS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				
CANTALOUPS	CRAT	4.32	300.00	<u>1296.00</u>
TOTAL				1296.00
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	2.50	2.00	5.00
FERT(100-60-0)	ACRE	20.80	1.00	20.80
FOLIAR FEED	ACRE	2.50	1.00	2.50
INSECTICIDE	ACRE	12.00	1.00	12.00
CUSTOM SPRAY	APPL	1.25	5.00	6.25
FUNGICIDE	ACRE	15.00	1.00	15.00
CUSTOM SPRAY	APPL	1.50	10.00	15.00
IRRIGATION WATER	APPL	2.50	4.00	10.00
HERBICIDE	ACRE	14.25	1.00	14.25
BEE RENTAL	ACRE	6.00	1.00	6.00
MACHINERY	ACRE	4.68	1.00	4.68
TRACTORS	ACRE	9.29	1.00	9.29
IRRIGATION MACHINERY	ACRE	2.64	1.00	2.64
LABOR(TRACTOR & MACHINERY)	HOUR	1.75	7.58	13.26
LABOR(IRRIGATION)	HOUR	1.50	6.00	9.00
OTHER LABOR	HOUR	1.30	10.00	13.00
INTEREST ON OP. CAP.	DOL.	0.09	38.99	<u>3.51</u>
SUBTOTAL, PRE-HARVEST				162.18
HARVEST COSTS				
HARVESTING	CRAT	0.75	300.00	225.00
PACKING	CRAT	1.75	300.00	525.00
SELLING	CRAT	0.10	300.00	<u>30.00</u>
SUBTOTAL, HARVEST				780.00
TOTAL VARIABLE CCST				942.18
3. INCOME ABOVE VARIABLE COSTS				353.82
4. FIXED COSTS				
MACHINERY	ACRE	8.87	1.00	8.87
TRACTORS	ACRE	8.01	1.00	8.01
IRRIGATION MACHINERY	ACRE	10.72	1.00	10.72
LAND (NET RENT)	ACRE	45.00	1.00	<u>45.00</u>
TOTAL FIXED COSTS				72.60
5. TOTAL COSTS				1014.78
6. NET RETURNS				281.22

LAND CHARGE BASED ON CASH LEASE. CANTALOUPS SOLD IN 40 POUND CARTONS.
REVISED, 1973

CANTALOUPS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
SHREDDER 4R	5,49	SEPT	1.00	0.205	0.163	0.09	0.33
OFFSET DISC	1,41	SEPT	1.00	0.200	0.159	0.13	0.44
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.22	0.13
MOLDBOARD PLOW	1,31	OCT	0.50	0.235	0.188	0.24	0.55
CHISEL PLOW	1,33	OCT	0.50	0.143	0.114	0.04	0.14
TANDEM DISC	1,43	OCT	2.00	0.260	0.207	0.08	0.34
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.22	0.13
FLOAT PLANE	1,51	NOV	1.00	0.368	0.293	0.15	0.57
BEDDER 6R	3,37	NOV	1.00	0.193	0.154	0.03	0.11
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.22	0.13
FERT.APPLI,RENTD	5,87	DEC	1.00	0.081	0.064	0.0	0.0
PICKUP TRUCK	10	DEC	0.10	0.125	0.100	0.22	0.13
BEDDER 6R	3,37	JAN	1.00	0.193	0.154	0.03	0.11
ROLLING CULT 6R	3,35	JAN	1.00	0.151	0.121	0.05	0.14
PICKUP TRUCK	10	JAN	0.10	0.125	0.100	0.22	0.13
STANHAY PLANTER	1,75	FEB	1.00	0.354	0.282	0.99	2.67
DITCHER BLADE	7,57	FEB	1.00	0.421	0.335	0.06	0.21
DITCHER BLADE	7,57	FEB	1.00	0.421	0.335	0.06	0.21
PICKUP TRUCK	10	FEB	0.10	0.125	0.100	0.22	0.13
ROLLING CULT 6R	5,35	MAR	1.00	0.151	0.121	0.05	0.14
BEDDER 6R	3,37	MAR	1.00	0.193	0.154	0.03	0.11
HERBICD SRRAYR6R	55	MAR	1.00	0.0	0.181	0.03	0.14
FERT.APPLI,RENTD	5,87	MAR	1.00	0.081	0.064	0.0	0.0
DITCHER BLADE	7,57	MAR	1.00	0.421	0.335	0.06	0.21
DITCHER BLADE	7,57	MAR	1.00	0.421	0.335	0.06	0.21
PICKUP TRUCK	10	MAR	0.10	0.125	0.100	0.22	0.13
ROLLING CULT 6R	5,35	APR	1.00	0.151	0.121	0.05	0.14
DITCHER BLADE	7,57	APR	1.00	0.421	0.335	0.06	0.21
DITCHER BLADE	7,57	APR	1.00	0.421	0.335	0.06	0.21
PICKUP TRUCK	10	APR	0.10	0.125	0.100	0.22	0.13
DITCHER BLADE	7,57	MAY	1.00	0.421	0.335	0.06	0.21
DITCHER BLADE	7,57	MAY	1.00	0.421	0.335	0.06	0.21
PICKUP TRUCK	10	MAY	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	JUNE	0.10	0.125	0.100	0.22	0.13
TOTALS				7.575	6.223	4.68	8.87

LAND CHARGE BASED ON CASH LEASE. CANTALOUPS SOLD IN 40 POUND CARTONS.
REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 099 9500 950 0
ANNUAL CAPITAL MONTH 6

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socio-economic levels, race, color, sex, religion or national origin.

CARROTS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				
CARROTS	BAGS	3.44	300.00	<u>1032.00</u>
TOTAL				1032.00
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	5.00	2.00	10.00
FERT(100-60-0)	ACRE	20.80	1.00	20.80
HERBICIDE	ACRE	6.00	1.00	6.00
INSECTICIDE	ACRE	2.00	1.00	2.00
CUSTOM SPRAY	APPL	1.25	4.00	5.00
FUNGICIDE	ACRE	8.00	1.00	8.00
CUSTOM SPRAY	APPL	1.50	8.00	12.00
IRRIGATION WATER	APPL	2.50	4.00	10.00
MACHINERY	ACRE	4.57	1.00	4.57
TRACTORS	ACRE	10.15	1.00	10.15
IRRIGATION MACHINERY	ACRE	1.32	1.00	1.32
LABOR(TRACTOR & MACHINERY)	HOUR	1.75	8.58	15.02
LABOR(IRRIGATION)	HOUR	1.50	8.00	12.00
OTHER LABOR	HOUR	1.30	10.00	13.00
INTEREST ON OP. CAP.	DOL.	0.09	52.01	<u>4.68</u>
SUBTOTAL, PRE-HARVEST				134.54
HARVEST COSTS				
HARVESTING	BAGS	0.50	300.00	150.00
PACKING	BAGS	1.10	300.00	330.00
SELLING	BAGS	0.10	300.00	<u>30.00</u>
SUBTOTAL, HARVEST				510.00
TOTAL VARIABLE COST				644.54
3. INCOME ABOVE VARIABLE COSTS				387.46
4. FIXED COSTS				
MACHINERY	ACRE	9.22	1.00	9.22
TRACTORS	ACRE	10.42	1.00	10.42
IRRIGATION MACHINERY	ACRE	5.36	1.00	5.36
LAND (NET RENT)	ACRE	45.00	1.00	<u>45.00</u>
TOTAL FIXED COSTS				70.01
5. TOTAL COSTS				714.54
6. NET RETURNS				317.46

LAND CHARGE BASED ON CASH LEASE.

REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 099 9500 950 0
ANNUAL CAPITAL MONTH 5

CARROTS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	JUNE	0.10	0.125	0.100	0.22	0.13
SHREDDER	6,44	JULY	1.00	0.532	0.424	0.13	0.40
OFFSET DISC	2,40	JULY	1.00	0.260	0.207	0.12	0.40
MOLDBOARD PLOW	2,30	JULY	0.50	0.298	0.237	0.15	0.57
CHISEL PLOW	4,32	JULY	0.50	0.175	0.140	0.04	0.13
TANDEM DISC	2,42	JULY	1.00	0.186	0.148	0.06	0.21
PICKUP TRUCK	10	JULY	0.10	0.125	0.100	0.22	0.13
TANDEM DISC	2,42	AUG	1.00	0.186	0.148	0.06	0.21
HERBICID SPRAYR6R	54	AUG	1.00	0.0	0.181	0.06	0.24
TANDEM DISC	2,42	AUG	1.00	0.186	0.148	0.06	0.21
FLOAT PLANE	2,48	AUG	1.00	0.368	0.293	0.13	0.72
BEDDER 6R	4,36	AUG	1.00	0.193	0.154	0.07	0.18
FERT.APPLI,RENTD	2,86	AUG	1.00	0.081	0.064	0.0	0.0
PICKUP TRUCK	10	AUG	0.10	0.125	0.100	0.22	0.13
BEDDER 6R	4,36	SEPT	1.00	0.193	0.154	0.07	0.18
ROLLING CULT 6R	4,34	SEPT	1.00	0.151	0.121	0.07	0.17
VEGETABLE PLANTR	4,52	SEPT	1.00	0.297	0.237	0.07	0.70
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.22	0.13
ROLLING CULT 6R	4,34	OCT	1.00	0.151	0.121	0.07	0.17
FERT.APPLI,RENTD	2,86	OCT	1.00	0.081	0.064	0.0	0.0
HERBICID SPRAYR6R	4,54	OCT	1.00	0.227	0.181	0.06	0.24
DITCHER BLADE	6,56	OCT	1.00	0.421	0.335	0.08	0.35
DITCHER BLADE	6,56	OCT	1.00	0.421	0.335	0.08	0.35
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.22	0.13
ROLLING CULT 6R	4,34	NOV	1.00	0.151	0.121	0.07	0.17
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.22	0.13
DITCHER BLADE	6,56	DEC	1.00	0.421	0.335	0.08	0.35
DITCHER BLADE	6,56	DEC	1.00	0.421	0.335	0.08	0.35
PICKUP TRUCK	10	DEC	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	JAN	0.10	0.125	0.100	0.22	0.13
DITCHER BLADE	6,56	FEB	1.00	0.421	0.335	0.08	0.35
DITCHER BLADE	6,56	FEB	1.00	0.421	0.335	0.08	0.35
PICKUP TRUCK	10	FEB	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	MAR	0.10	0.125	0.100	0.22	0.13
DITCHER BLADE	6,56	APR	1.00	0.421	0.335	0.08	0.35
DITCHER BLADE	6,56	APR	1.00	0.421	0.335	0.08	0.35
PICKUP TRUCK	10	APR	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	MAY	0.10	0.125	0.100	0.22	0.13
TOTALS				8.581	7.026	4.57	9.22

LAND CHARGE BASED ON CASH LEASE.

REVISED, 1973

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CARROTS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				
CARROTS	BAGS	3.44	400.00	<u>1376.00</u>
TOTAL				1376.00
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	5.00	2.00	10.00
FERT(100-60-0)	ACRE	20.80	1.00	20.80
HERBICIDE	ACRE	9.00	1.00	9.00
INSECTICIDE	ACRE	4.00	1.00	4.00
CUSTOM SPRAY		1.25	4.00	5.00
FUNGICIDE	ACRE	8.00	1.00	8.00
CUSTOM SPRAY	APPL	1.75	8.00	14.00
IRRIGATION WATER	APPL	2.50	5.00	12.50
MACHINERY	ACRE	4.05	1.00	4.05
TRACTORS	ACRE	7.13	1.00	7.13
IRRIGATION MACHINERY	ACRE	2.11	1.00	2.11
LABOR(TRACTOR & MACHINERY)	HOURL	1.75	5.85	10.24
LABOR(IRRIGATION)	HOURL	1.50	4.80	7.20
INTEREST ON OP. CAP.	DOL.	0.09	58.55	<u>5.27</u>
SUBTOTAL, PRE-HARVEST				119.30
HARVEST COSTS				
HARVESTING	BAGS	0.50	400.00	200.00
PACKING	BAGS	1.10	400.00	440.00
SELLING	BAGS	0.10	400.00	<u>40.00</u>
SUBTOTAL, HARVEST				680.00
TOTAL VARIABLE COST				799.29
3. INCOME ABOVE VARIABLE COSTS				576.71
4. FIXED COSTS				
MACHINERY	ACRE	6.24	1.00	6.24
TRACTORS	ACRE	5.75	1.00	5.75
IRRIGATION MACHINERY	ACRE	8.58	1.00	8.58
LAND (NET RENT)	ACRE	45.00	1.00	<u>45.00</u>
TOTAL FIXED COSTS				65.57
5. TOTAL COSTS				864.86
6. NET RETURNS				511.14

LAND CHARGE BASED ON CASH LEASE.

REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 099 9500 950 0
ANNUAL CAPITAL MONTH 5

CARROTS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NC.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	JUNE	0.10	0.125	0.100	0.22	0.13
SHREDDER 4R	5,49	JULY	1.00	0.205	0.163	0.09	0.33
OFFSET DISC	1,41	JULY	1.00	0.200	0.159	0.13	0.44
MOLDBOARD PLOW	1,31	JULY	0.50	0.235	0.188	0.24	0.55
CHISEL PLOW	1,33	JULY	0.50	0.143	0.114	0.04	0.14
TANDEM DISC	1,43	JULY	2.00	0.260	0.207	0.08	0.34
PICKUP TRUCK	10	JULY	0.10	0.125	0.100	0.22	0.13
FLOAT PLANE	1,51	AUG	1.00	0.368	0.293	0.15	0.57
TANDEM DISC	1,43	AUG	1.00	0.130	0.104	0.04	0.17
HERBICID SRRAYR6R	55	AUG	1.00	0.0	0.181	0.03	0.14
TANDEM DISC	1,43	AUG	1.00	0.130	0.104	0.04	0.17
BEDDER 6R	3,37	AUG	1.00	0.193	0.154	0.03	0.11
FERT.APPLI,RENTD	5,87	AUG	1.00	0.081	0.064	0.0	0.0
PICKUP TRUCK	10	AUG	0.10	0.125	0.100	0.22	0.13
VEGETBL PLANTRYR	3,53	SEPT	1.00	0.297	0.237	0.11	0.35
DITCHER BLADE	7,57	SEPT	0.50	0.210	0.168	0.03	0.10
DITCHER BLADE	7,57	SEPT	0.50	0.210	0.168	0.03	0.10
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.22	0.13
CULTIVATOR 6R	5,47	OCT	1.00	0.179	0.143	0.08	0.21
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.22	0.13
FERT.APPLI,RENTD	5,87	NOV	1.00	0.081	0.064	0.0	0.0
CULTIVATOR 6R	5,47	NOV	1.00	0.179	0.143	0.08	0.21
DITCHER BLADE	7,57	NOV	0.50	0.210	0.168	0.03	0.10
DITCHER BLADE	7,57	NOV	0.50	0.210	0.168	0.03	0.10
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.22	0.13
HERBICID SRRAYR6R	3,55	DEC	1.00	0.227	0.181	0.03	0.14
DITCHER BLADE	7,57	DEC	0.50	0.210	0.168	0.03	0.10
DITCHER BLADE	7,57	DEC	0.50	0.210	0.168	0.03	0.10
PICKUP TRUCK	10	DEC	0.10	0.125	0.100	0.22	0.13
CULTIVATOR 6R	5,47	JAN	1.00	0.179	0.143	0.08	0.21
PICKUP TRUCK	10	JAN	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	FEB	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	MAR	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	APR	0.10	0.125	0.100	0.22	0.13
PICKUP TRUCK	10	MAY	0.10	0.125	0.100	0.22	0.13
TOTALS				5.849	4.848	4.05	6.24

LAND CHARGE BASED CN CASH LEASE.

REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 099 9500 950 0
ANNUAL CAPITAL MONTH 5

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Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.

CITRUS ESTABLISHMENT, 1ST YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				-----
TOTAL				0.0
2. VARIABLE COSTS				
PREHARVEST				
FERT (14.5-0-0)	ACRE	2.00	1.00	2.00
TREES	APPL	2.50	116.00	290.00
LAND PREPARATION	ACRE	17.50	1.00	17.50
TANK IRRIGATION	APPL	0.08	1160.00	92.80
BANK & UNBANK	APPL	0.12	116.00	13.92
MISC. EXPENSE	ACRE	5.00	1.00	5.00
IRRIGATION WATER	ACRE	5.00	1.00	5.00
IRRIG. EQUIP	ACRE	0.50	1.00	0.50
MACHINERY	ACRE	2.49	1.00	2.49
TRACTORS	ACRE	2.09	1.00	2.09
LABOR(TRACTOR & MACHINERY)	HOUR	1.75	3.52	6.17
LABOR(IRRIGATION)	HOUR	1.50	2.00	3.00
OTHER LABOR	HOUR	1.30	10.00	13.00
INTEREST ON OP. CAP.	DOL.	0.09	262.69	23.64
SUBTOTAL, PRE-HARVEST				477.11
HARVEST COSTS				-----
SUBTOTAL, HARVEST				0.0
TOTAL VARIABLE COST				477.11
3. INCOME ABOVE VARIABLE COSTS				-477.11
4. FIXED COSTS				
MACHINERY	ACRE	3.29	1.00	3.29
TRACTORS	ACRE	2.67	1.00	2.67
IRRIGATION MACHINERY	ACRE	2.30	1.00	2.30
TAXES(LAND, WATER)	ACRE	18.00	1.00	18.00
LAND (NET RENT)	ACRE	1000.00	0.06	60.00
TOTAL FIXED COSTS				86.26
5. TOTAL COSTS				563.37
6. NET RETURNS				-563.37

1/ 116 TREES WATERED 10 TIMES

REVISED 1973

BUDGET IDENTIFICATION NUMBER --- 08019440 721 0
ANNUAL CAPITAL MONTH 6

CITRUS ESTABLISHMENT, 1ST YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	JULY	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	AUG	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	SEPT	4.00	1.299	1.035	0.18	1.14
PICKUP TRUCK	10	SEPT	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	OCT	3.00	0.974	0.777	0.13	0.86
PICKUP TRUCK	10	OCT	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	NOV	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	DEC	0.09	0.109	0.087	0.19	0.11
PICKUP TRUCK	10	JAN	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	FEB	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	MAR	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	APR	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	MAY	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	JUNE	0.08	0.104	0.083	0.18	0.11
TOTALS				3.523	2.812	2.49	3.29

1/ 116 TREES WATERED 10 TIMES

REVISED 1973

BUDGET IDENTIFICATION NUMBER --- 08019440 721 0
ANNUAL CAPITAL MONTH 6

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CITRUS ESTABLISHMENT, 2ND YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				-----
TOTAL				0.0
2. VARIABLE COSTS				
PREHARVEST				
FERT (29-0-0)	ACRE	4.00	1.00	4.00
INSECTICIDE	ACRE	7.90	1.00	7.90
IRRIG. EQUIP.	ACRE	0.75	1.00	0.75
IRRIGATION WATER	ACRE	7.50	1.00	7.50
MISC. EXPENSE	ACRE	5.00	1.00	5.00
TREE REPLACEMENT	ACRE	6.00	1.00	6.00
MACHINERY	ACRE	2.86	1.00	2.86
TRACTORS	ACRE	4.86	1.00	4.86
LABOR (TRACTOR & MACHINERY)	HOUR	1.75	6.53	11.44
LABOR (IRRIGATION)	HOUR	1.50	6.00	9.00
OTHER LABOR	HOUR	1.30	14.00	18.20
INTEREST ON OP. CAP.	DOL.	0.09	19.58	1.76
SUBTOTAL, PRE-HARVEST				----- 79.27
HARVEST COSTS				-----
SUBTOTAL, HARVEST				0.0
TOTAL VARIABLE COST				79.27
3. INCOME ABOVE VARIABLE COSTS				-79.27
4. FIXED COSTS				
MACHINERY	ACRE	4.52	1.00	4.52
TRACTORS	ACRE	6.21	1.00	6.21
IRRIGATION MACHINERY	ACRE	6.90	1.00	6.90
TAXES (LAND, WATER)	ACRE	18.00	1.00	18.00
PRORATED ESTAB. COST	ACRE	0.10	563.37	56.34
LAND (NET RENT)	ACRE	1000.00	0.06	60.00
TOTAL FIXED COSTS				----- 151.97
5. TOTAL COSTS				231.24
6. NET RETURNS				-231.24

3 IRRIGATIONS AT \$2.50 EACH. INTEREST ON MONEY SPENT IN PREVIOUS YEARS INCLUDES SMALL RISK FACTOR. REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 08019440 721 0
ANNUAL CAPITAL MONTH 6

CITRUS ESTABLISHMENT, 2ND YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
TANDEM DISC	9,64	JULY	1.00	0.325	0.259	0.04	0.29
PICKUP TRUCK	10	JULY	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	AUG	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	SEPT	1.00	0.325	0.259	0.04	0.29
BORDER DISC	9,66	SEPT	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	SEPT	1.00	0.421	0.335	0.06	0.21
PICKUP TRUCK	10	SEPT	0.08	0.104	0.083	0.18	0.11
ORCHARD SPRAYER	9,62	OCT	0.50	0.091	0.072	0.03	0.16
PICKUP TRUCK	10	OCT	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	NOV	1.00	0.325	0.259	0.04	0.29
BORDER DISC	9,66	NOV	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	NOV	1.00	0.421	0.335	0.06	0.21
PICKUP TRUCK	10	NOV	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	DEC	0.09	0.109	0.087	0.19	0.11
PICKUP TRUCK	10	JAN	0.08	0.104	0.083	0.18	0.11
BORDER DISC	9,66	FEB	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	FEB	1.00	0.421	0.335	0.06	0.21
PICKUP TRUCK	10	FEB	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	MAR	1.00	0.325	0.259	0.04	0.29
BORDER DISC	9,66	MAR	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	MAR	1.00	0.421	0.335	0.06	0.21
PICKUP TRUCK	10	MAR	0.08	0.104	0.083	0.18	0.11
ORCHARD SPRAYER	9,62	APR	0.50	0.091	0.072	0.03	0.16
PICKUP TRUCK	10	APR	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	MAY	1.00	0.325	0.259	0.04	0.29
PICKUP TRUCK	10	MAY	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	JUNE	0.08	0.104	0.083	0.18	0.11
TOTALS				6.534	5.213	2.86	4.52

3 IRRIGATIONS AT \$2.50 EACH. INTEREST ON MONEY SPENT IN PREVIOUS YEARS INCLUDES SMALL RISK FACTOR. REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 08019440 721 0
ANNUAL CAPITAL MONTH 6

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GRAPEFRUIT ESTABLISHMENT, 3RD YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				-----
TOTAL				0.0
2. VARIABLE COSTS				
PREHARVEST				
FERT (58-0-0)	ACRE	8.00	1.00	8.00
INSECTICIDE	ACRE	16.00	1.00	16.00
IRRIG. EQUIP.	ACRE	0.75	1.00	0.75
IRRIGATION WATER	ACRE	7.50	1.00	7.50
MISC. EXPENSE	ACRE	5.00	1.00	5.00
TREE REPLACEMENT	ACRE	6.00	1.00	6.00
MACHINERY	ACRE	3.26	1.00	3.26
TRACTORS	ACRE	9.26	1.00	9.26
LABOR(TRACTOR & MACHINERY)	HOUR	1.75	11.32	19.80
LABOR(IRRIGATION)	HOUR	1.50	6.00	9.00
OTHER LABOR	HOUR	1.30	16.00	20.80
INTEREST ON OP. CAP.	DOL.	0.09	26.31	2.37
SUBTOTAL, PRE-HARVEST				----- 107.74
HARVEST COSTS				-----
SUBTOTAL, HARVEST				0.0
TOTAL VARIABLE COST				107.74
3. INCOME ABOVE VARIABLE COSTS				-107.74
4. FIXED COSTS				
MACHINERY	ACRE	7.26	1.00	7.26
TRACTORS	ACRE	11.83	1.00	11.83
IRRIGATION MACHINERY	ACRE	6.90	1.00	6.90
TAXES(LAND, WATER)	ACRE	18.00	1.00	18.00
PRORATED ESTAB. COST	ACRE	0.10	794.03	79.40
LAND (NET RENT)	ACRE	1000.00	0.06	60.00
TOTAL FIXED COSTS				----- 183.39
5. TOTAL COSTS				291.14
6. NET RETURNS				-291.14

3 IRRIGATIONS AT \$2.50 EACH. INTEREST ON MONEY SPENT IN PREVIOUS YEARS INCLUDES SMALL RISK FACTOR. REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 08019440 721 0
ANNUAL CAPITAL MONTH 6

GRAPEFRUIT ESTABLISHMENT, 3RD YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NC.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
TANDEM DISC	9,64	JULY	1.00	0.325	0.259	0.04	0.29
PICKUP TRUCK	10	JULY	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	AUG	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	SEPT	1.00	0.325	0.259	0.04	0.29
BORDER DISC	9,66	SEPT	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	SEPT	1.00	0.421	0.335	0.06	0.21
TREE HOE	9,68	SEPT	1.00	1.150	0.917	0.09	0.61
PICKUP TRUCK	10	SEPT	0.08	0.104	0.083	0.18	0.11
ORCHARD SPRAYER	9,62	OCT	1.00	0.182	0.145	0.06	0.31
PICKUP TRUCK	10	OCT	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	NOV	1.00	0.325	0.259	0.04	0.29
BORDER DISC	9,66	NOV	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	NOV	1.00	0.421	0.335	0.06	0.21
TREE HOE	9,68	NOV	1.00	1.150	0.917	0.09	0.61
PICKUP TRUCK	10	NOV	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	DEC	0.09	0.109	0.087	0.19	0.11
PICKUP TRUCK	10	JAN	0.08	0.104	0.083	0.18	0.11
BORDER DISC	9,66	FEB	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	FEB	1.00	0.421	0.335	0.06	0.21
TREE HOE	9,68	FEB	1.00	1.150	0.917	0.09	0.61
PICKUP TRUCK	10	FEB	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	MAR	1.00	0.325	0.259	0.04	0.29
BORDER DISC	9,66	MAR	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	MAR	1.00	0.421	0.335	0.06	0.21
TREE HOE	9,68	MAR	1.00	1.150	0.917	0.09	0.61
PICKUP TRUCK	10	MAR	0.08	0.104	0.083	0.18	0.11
ORCHARD SPRAYER	9,62	APR	1.00	0.182	0.145	0.06	0.31
PICKUP TRUCK	10	APR	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	MAY	1.00	0.325	0.259	0.04	0.29
PICKUP TRUCK	10	MAY	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	JUNE	0.08	0.104	0.083	0.18	0.11
TOTALS				11.315	9.024	3.26	7.26

3 IRRIGATIONS AT \$2.50 EACH. INTEREST ON MONEY SPENT IN PREVIOUS YEARS INCLUDES SMALL RISK FACTOR. REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 08019440 721 0
ANNUAL CAPITAL MONTH 6

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socio-economic levels, race, color, sex, religion or national origin.

GRAPEFRUIT ESTABLISHMENT, 4TH YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				
GRAPEFRUIT	TCN	38.71	1.25	<u>48.39</u>
TOTAL				48.39
2. VARIABLE COSTS				
PREHARVEST				
FERT (87-0-0)	ACRE	12.00	1.00	12.00
INSECTICIDE	ACRE	44.00	1.00	44.00
IRRIG. EQUIP.	ACRE	0.75	1.00	0.75
IRRIGATION WATER	ACRE	7.50	1.00	7.50
MISC. EXPENSE	ACRE	5.00	1.00	5.00
TREE REPLACEMENT	ACRE	6.00	1.00	6.00
MACHINERY	ACRE	3.26	1.00	3.26
TRACTORS	ACRE	9.32	1.00	9.32
LABOR (TRACTOR & MACHINERY)	HOUR	1.75	11.38	19.92
LABOR (IRRIGATION)	HOUR	1.50	6.00	9.00
OTHER LABOR	HOUR	1.30	16.00	20.80
INTEREST ON OP. CAP.	DOL.	0.09	39.00	<u>3.51</u>
SUBTOTAL, PRE-HARVEST				141.06
HARVEST COSTS				<u>0.0</u>
SUBTOTAL, HARVEST				0.0
TOTAL VARIABLE COST				141.06
3. INCOME ABOVE VARIABLE COSTS				-92.67
4. FIXED COSTS				
MACHINERY	ACRE	7.26	1.00	7.26
TRACTORS	ACRE	11.90	1.00	11.90
IRRIGATION MACHINERY	ACRE	6.90	1.00	6.90
TAXES (LAND, WATER)	ACRE	18.00	1.00	18.00
PRORATED ESTAB. COST	ACRE	0.10	1084.51	108.45
LAND (NET RENT)	ACRE	1000.00	0.06	<u>60.00</u>
TOTAL FIXED COSTS				212.52
5. TOTAL COSTS				353.58
6. NET RETURNS				-305.19

3 IRRIGATIONS AT \$2.50 EACH. INTEREST ON MONEY SPENT IN PREVIOUS YEARS INCLUDES SMALL RISK FACTOR. CROP SOLD ON TREES. REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 08019440 721 0
ANNUAL CAPITAL MONTH 6

GRAPEFRUIT ESTABLISHMENT, 4TH YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	JULY	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	JULY	1.00	0.325	0.259	0.04	0.29
PICKUP TRUCK	10	AUG	0.08	0.104	0.083	0.18	0.11
PICKUP TRUCK	10	SEPT	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	SEPT	1.00	0.325	0.259	0.04	0.29
BORDER DISC	9,66	SEPT	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	SEPT	1.00	0.421	0.335	0.06	0.21
TREE HOE	9,68	SEPT	1.00	1.150	0.917	0.09	0.61
PICKUP TRUCK	10	OCT	0.08	0.104	0.083	0.18	0.11
ORCHARD SPRAYER	9,62	OCT	1.00	0.182	0.145	0.06	0.31
PICKUP TRUCK	10	NOV	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	NOV	1.00	0.325	0.259	0.04	0.29
BORDER DISC	9,66	NOV	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	NOV	1.00	0.421	0.335	0.06	0.21
TREE HOE	9,68	NOV	1.00	1.150	0.917	0.09	0.61
PICKUP TRUCK	10	DEC	0.09	0.109	0.087	0.19	0.11
PICKUP TRUCK	10	JAN	0.08	0.104	0.083	0.18	0.11
FERT. APPLI. RENTD	9,88	JAN	0.50	0.032	0.026	0.0	0.0
PICKUP TRUCK	10	FEB	0.08	0.104	0.083	0.18	0.11
BORDER DISC	9,66	FEB	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	FEB	1.00	0.421	0.335	0.06	0.21
TREE HOE	9,68	FEB	1.00	1.150	0.917	0.09	0.61
FERT. APPLI. RENTD	9,88	FEB	0.50	0.032	0.026	0.0	0.0
PICKUP TRUCK	10	MAR	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	MAR	1.00	0.325	0.259	0.04	0.29
BORDER DISC	9,66	MAR	1.00	0.449	0.358	0.04	0.16
DITCHER BLADE	9,57	MAR	1.00	0.421	0.335	0.06	0.21
TREE HOE	9,68	MAR	1.00	1.150	0.917	0.09	0.61
PICKUP TRUCK	10	APR	0.08	0.104	0.083	0.18	0.11
ORCHARD SPRAYER	9,62	APR	1.00	0.182	0.145	0.06	0.31
PICKUP TRUCK	10	MAY	0.08	0.104	0.083	0.18	0.11
TANDEM DISC	9,64	MAY	1.00	0.325	0.259	0.04	0.29
PICKUP TRUCK	10	JUNE	0.08	0.104	0.083	0.18	0.11
TOTALS				11.380	9.076	3.26	7.26

3 IRRIGATIONS AT \$2.50 EACH. INTEREST ON MONEY SPENT IN PREVIOUS YEARS INCLUDES SMALL RISK FACTOR. CROP SOLD ON TREES. REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 08019440 721 0
ANNUAL CAPITAL MONTH 6

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GRAPEFRUIT, MATURE GROVE, IRRIGATED, TEXAS RIO GRANDE VALLEY
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				
GRAPEFRUIT	TON	38.71	16.00	<u>619.36</u>
TOTAL				619.36
2. VARIABLE COSTS				
PREHARVEST				
FERT (116-0-0)	ACRE	16.00	1.00	16.00
INSECTICIDE	ACRE	44.00	1.00	44.00
IRRIG. EQUIP.	ACRE	0.75	1.00	0.75
IRRIGATION WATER	ACRE	7.50	1.00	7.50
MISC. EXPENSE	ACRE	5.00	1.00	5.00
TREE REPLACMENT	ACRE	6.00	1.00	6.00
MACHINERY	ACRE	3.26	1.00	3.26
TRACTORS	ACRE	9.32	1.00	9.32
LABOR (TRACTOR & MACHINERY)	HOUR	1.75	11.38	19.92
LABOR (IRRIGATION)	HOUR	1.50	6.00	9.00
OTHER LABOR	HOUR	1.30	15.00	19.50
INTEREST ON OP. CAP.	DOL.	0.09	40.50	<u>3.65</u>
SUBTOTAL, PRE-HARVEST				143.89
HARVEST COSTS				<u>0.0</u>
SUBTOTAL, HARVEST				0.0
TOTAL VARIABLE CGST				143.89
3. INCOME ABOVE VARIABLE COSTS				475.47
4. FIXED COSTS				
MACHINERY	ACRE	7.26	1.00	7.26
TRACTORS	ACRE	11.90	1.00	11.90
IRRIGATION MACHINERY	ACRE	6.90	1.00	6.90
TAXES (LAND, WATER)	ACRE	18.00	1.00	18.00
PRORATED ESTAB. COST	ACRE	0.12	1386.81	166.42
LAND (NET RENT)	ACRE	1000.00	0.06	<u>60.00</u>
TOTAL FIXED COSTS				270.48
5. TOTAL COSTS				414.38
6. NET RETURNS				204.98

3 IRRIGATIONS AT \$2.50 EACH. CROP SOLD ON TREES. PRORATED ESTABLISHMENT COST INCLUDES ALLOWANCE FOR BOTH DEPRECIATION AND INTEREST ON GROVE DEVELOPMENT PLUS A RISK FACTOR. REVISED, 1973

BUDGET IDENTIFICATION NUMBER --- 08019440 721 0

ANNUAL CAPITAL MONTH 6