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ECONOMICS OF PROFITABLE LETTUCE PRODUCTION

LETTUCE, 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				
LETTUCE	CRTN	3.50	350.00	\$ <u>1225.00</u>
TOTAL				\$1225.00
2. VARIABLE COSTS				
PREHARVEST				
SFD	LBS	16.00	1.00	16.00
FERT(180-80-0)	ACRE	53.10	1.00	53.10
HERBICIDE	ACRE	20.81	1.00	20.81
INSECTICIDE	APPL	4.49	15.00	67.35
FUNGICIDE	APPL	3.08	10.00	30.80
FUNG&INSEC APPLT	APPL	2.00	15.00	30.00
IRRIGATION WATER	APPL	4.00	8.00	32.00
MACHINERY	ACRE	7.20	1.00	7.20
TRACTORS	ACRE	26.12	1.00	26.12
LABOR(TRACTOR & MACHINERY)	HR	4.00	4.74	18.95
LABOR(IRRIGATION)	HR	3.25	8.00	26.00
OTHER LABOR	HR	3.25	35.00	113.75
INTEREST ON OP. CAP.	DOL.	0.09	138.56	<u>13.16</u>
SUBTOTAL, PRE-HARVEST				\$ 455.25
HARVEST COSTS				
HAND HARVEST	CRTN	0.80	350.00	280.00
PACKING	CRTN	1.15	350.00	402.50
MARKETING	CRTN	0.20	350.00	<u>70.00</u>
SUBTOTAL, HARVEST				\$ 752.50
TOTAL VARIABLE COST				\$1207.75
3. BREAKEVEN PRICE, VARIABLE COSTS	CRTN			3.451
4. FIXED COSTS				
MACHINERY	ACRE	10.39	1.00	10.39
TRACTORS	ACRE	20.64	1.00	20.64
LAND (NET RENT)	ACRE	75.00	1.00	<u>75.00</u>
TOTAL FIXED COSTS				\$ 106.03
5. TOTAL COSTS				\$1313.78
6. BREAKEVEN PRICE, TOTAL COSTS	CRTN			3.754

LETTUCE PACKED IN 50 POUND CARTON.
PREPARED BY TOM M. JONES, TAEX, WESLACO, TEXAS

PROJECTED 197

LETTUCE, 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., RFP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	MAY	0.10	0.125	0.100	0.37	0.20
SHREDDER 4R	H 5.77	JUNE	1.00	0.258	0.172	2.99	2.36
OFFSET DISC	H 1.69	JUNE	1.00	0.258	0.172	2.74	2.85
PICKUP TRUCK	10	JUNE	0.10	0.125	0.100	0.37	0.20
MOLDBOARD PLOW	H 1.62	JULY	0.50	0.293	0.195	3.09	3.25
CHISEL PLOW	H 1.64	JULY	0.50	0.109	0.073	1.12	1.11
TANDEM DISC	H 1.71	JULY	1.00	0.167	0.112	1.77	1.86
PICKUP TRUCK	10	JULY	0.10	0.125	0.100	0.37	0.20
FLOAT PLANE	H 1.76	AUG	1.00	0.446	0.298	4.59	4.61
BEDDER 6R	H 2.66	AUG	1.00	0.201	0.134	1.40	1.38
FERT. APPL. RNTD	H 3.90	AUG	1.00	0.088	0.059	0.38	0.36
STANHAY PLANTR	H 1.89	AUG	1.00	0.577	0.385	5.95	6.01
PICKUP TRUCK	10	AUG	0.10	0.125	0.100	0.37	0.20
DITCHER BLADE	H 4.79	SEPT	0.01	0.005	0.004	0.02	0.02
DITCHER BLADE	H 4.79	SEPT	0.01	0.005	0.004	0.02	0.02
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.37	0.20
CULTIVATOR 6R	H 2.75	OCT	1.00	0.229	0.153	1.63	1.66
FERT. APPL. RNTD	H 3.90	OCT	1.00	0.088	0.059	0.38	0.36
DITCHER BLADE	H 4.79	OCT	0.01	0.005	0.004	0.02	0.02
DITCHER BLADE	H 4.79	OCT	0.01	0.005	0.004	0.02	0.02
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.37	0.20
CULTIVATOR 6R	H 2.75	NOV	1.00	0.229	0.153	1.63	1.66
FERT. APPL. RNTD	H 3.90	NOV	1.00	0.088	0.059	0.38	0.36
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.37	0.20
FERT. APPL. RNTD	H 3.90	DEC	1.00	0.088	0.059	0.38	0.36
DITCHER BLADE	H 4.79	DEC	0.01	0.005	0.004	0.02	0.02
DITCHER BLADE	H 4.79	DEC	0.01	0.005	0.004	0.02	0.02
PICKUP TRUCK	10	DEC	0.10	0.125	0.100	0.37	0.20
PICKUP TRUCK	10	JAN	0.10	0.125	0.100	0.37	0.20
FERT. APPL. RNTD	H 3.90	FEB	1.00	0.088	0.059	0.38	0.36
PICKUP TRUCK	10	FEB	0.10	0.125	0.100	0.37	0.20
PICKUP TRUCK	10	MAR	0.10	0.125	0.100	0.37	0.20
PICKUP TRUCK	10	APR	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.37</u>	<u>0.20</u>
TOTALS				4.738	3.359	33.32	31.03

LETTUCE PACKED IN 50 POUND CARTON.

PREPARED BY TOM M. JONES, TAEX, WESLACO, TEXAS

PROJECTED 1979

BUDGET IDENTIFICATION NUMBER--- 9914195011910 0

ANNUAL CAPITAL MONTH 4

LETTUCE, IRRIGATED, TEXAS WINTER GARDEN REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				
LETTUCE	CRTN	3.40	500.00	\$ <u>1700.00</u>
TOTAL				\$1700.00
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	24.00	1.00	\$ 24.00
FERT(150-100-0)	ACRE	50.00	1.00	50.00
HERBICIDE	ACRE	25.00	1.00	25.00
INSECTICIDE	APPL	6.00	12.00	72.00
INSECT. APPLI.	APPL	1.75	7.00	12.25
FUNGICIDE	APPL	3.00	6.00	18.00
FUNGICIDE APPLI.	APPL	2.25	6.00	13.50
MACHINERY	ACRE	7.91	1.00	7.91
TRACTORS	ACRE	31.24	1.00	31.24
IRRIGATION MACHINERY	ACRE	39.15	1.00	39.15
LABOR(TRACTOR & MACHINERY)	HOUR	3.25	7.63	24.78
LABOR(IRRIGATION)	HOUR	2.65	1.06	2.80
OTHER LABOR	HOUR	3.25	30.00	97.50
INTEREST ON OP. CAP.	DOL.	0.09	88.60	<u>7.97</u>
SUBTOTAL, PRE-HARVEST				\$ 426.12
HARVEST COSTS				
HARV,PACK,MARKET	CRTN	2.15	500.00	\$ <u>1075.00</u>
SUBTOTAL, HARVEST				\$1075.00
TOTAL VARIABLE COST				\$1501.12
3. BREAKEVEN PRICE, VARIABLE COSTS CRTN 3.002				
4. FIXED COSTS				
MACHINERY	ACRE	19.09	1.00	\$ 19.09
TRACTORS	ACRE	46.32	1.00	46.32
IRRIGATION MACHINERY	ACRE	25.87	1.00	25.87
LAND (NET RENT)	ACRE	50.00	1.00	<u>50.00</u>
TOTAL FIXED COSTS				\$ 141.28
5. TOTAL COSTS				\$1642.40
6. BREAKEVEN PRICE, TOTAL COSTS CRTN 3.285				

LETTUCE IS PACKED AND MARKETED IN 50 POUND CARTONS.

PREPARED BY RICHARD TRIMBLE, TAEX, COLLEGE STATION, TEXAS

PROJECTED 1979

**LETTUCE, IRRIGATED, TEXAS WINTER GARDEN REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT**

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., PER ACRE	FIXED REPAIR COSTS PER ACRE
SHREDDER 4R	3,30	JULY	1.00	0.283	0.189	1.42	2.46
OFFSET DISC	1,34	JULY	1.00	0.368	0.246	2.17	3.73
OFFSET DISC	1,34	AUG	1.00	0.368	0.246	2.17	3.73
MOLDBOARD PLOW	1,32	AUG	1.00	0.814	0.542	5.18	9.27
OFFSET DISC	1,34	AUG	1.00	0.368	0.246	2.17	3.73
BEDDER 6R	1,36	AUG	1.00	0.221	0.147	1.29	2.84
PICKUP	10	AUG	0.10	0.125	0.100	0.26	0.20
BEDDER 6R	1,36	SEPT	1.00	0.221	0.147	1.29	2.84
LAND PLANE	1,50	SEPT	2.00	0.655	0.437	3.70	5.75
PICKUP	10	SEPT	0.10	0.125	0.100	0.26	0.20
FERT.APPLI,RENTD	3,60	OCT	1.00	0.097	0.064	0.40	0.62
BEDDER 6R	1,36	OCT	1.00	0.221	0.147	1.29	2.84
ROLLING CULT. 4R	1,37	OCT	1.00	0.295	0.197	1.62	2.62
BED SHAPER 6R	1,48	OCT	1.00	0.196	0.131	1.25	2.00
PICKUP	10	OCT	0.10	0.125	0.100	0.26	0.20
PICKUP	10	DEC	0.10	0.125	0.100	0.26	0.20
STANHAY PLANTER	1,44	JAN	1.00	0.635	0.423	3.77	6.48
CULTIVATOR 4R	1,39	JAN	1.00	0.318	0.212	1.75	2.85
V-TYPE DITCHER	3,54	JAN	0.10	0.071	0.047	0.30	0.48
SCRAPER BLADE	3,56	JAN	0.10	0.059	0.039	0.25	0.41
PICKUP	10	JAN	0.10	0.125	0.100	0.26	0.20
CULTIVATOR 4R	1,39	FEB	2.00	0.636	0.424	3.50	5.69
V-TYPE DITCHER	3,54	FEB	0.10	0.071	0.047	0.30	0.48
SCRAPER BLADE	3,56	FEB	0.10	0.059	0.039	0.25	0.41
PICKUP	10	FEB	0.10	0.125	0.100	0.26	0.20
FERT.APPLI,RENTD	3,60	MAR	1.00	0.097	0.064	0.40	0.62
CULTIVATOR 4R	1,39	MAR	1.00	0.318	0.212	1.75	2.85
V-TYPE DITCHER	3,54	MAR	0.10	0.071	0.047	0.30	0.48
SCRAPER BLADE	3,56	MAR	0.10	0.059	0.039	0.25	0.41
PICKUP	10	MAR	0.10	0.125	0.100	0.26	0.20
PICKUP	10	APR	0.10	0.125	0.100	0.26	0.20
PICKUP	10	MAY	0.10	0.125	0.100	0.26	0.20
TOTALS				7.626	5.234	39.16	65.41

LETTUCE IS PACKED AND MARKETED IN 50 POUND CARTONS.

PREPARED BY RICHARD TRIMBLE, TAEX, COLLEGE STATION, TEXAS

PROJECTED 1979

BUDGET IDENTIFICATION NUMBER--- 9914126011250 0
ANNUAL CAPITAL MONTH 5

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