

ECONOMICS OF PROFITABLE POTATO PRODUCTION

IRISH POTATOES, IRRIGATED, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
IRISH POTATOES	CWT.	6.00	125.00	<u>750.00</u>
TOTAL				\$ 750.00
2. VARIABLE COSTS				\$
PREHARVEST				\$
SEED	CWT.	10.00	13.00	130.00
FERT(96-120-36)	ACRE	60.00	1.00	60.00
HERBICIDE	ACRE	6.00	1.00	6.00
INSECT. & FUNGI.	ACRE	30.00	1.00	30.00
MACHINERY	ACRE	4.38	1.00	4.38
TRACTORS	ACRE	5.56	1.00	5.56
IRRIGATION MACHINERY	ACRE	55.42	1.00	55.42
LABOR(TRACTOR & MACHINERY)	HOUR	4.00	3.11	12.44
LABOR(IRRIGATION)	HOUR	4.00	5.10	20.40
OTHER LABOR	HOUR	2.25	0.25	0.56
INTEREST ON OP. CAP.	DOL.	0.09	111.97	<u>10.64</u>
SUBTOTAL, PRE-HARVEST				\$ 335.40
HARVEST COSTS				\$
PROCESS&MARKET	CWT.	2.00	125.00	<u>250.00</u>
SUBTOTAL, HARVEST				\$ 250.00
TOTAL VARIABLE COST				\$ 585.40
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			4.683
4. FIXED COSTS				\$
MACHINERY	ACRE	4.78	1.00	4.78
TRACTORS	ACRE	5.42	1.00	5.42
IRRIGATION MACHINERY	ACRE	52.70	1.00	52.70
LAND (NET RENT)	ACRE	82.00	1.00	<u>82.00</u>
TOTAL FIXED COSTS				\$ 144.90
5. TOTAL COSTS				\$ 730.30
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			5.842

LAND (NET RENT) BASED ON 1/5 OF GROSS INCOME LESS 1/5 OF FERTILIZER, FUNGI., AND HARVEST.

PREPARED BY NORMAN W. BRINTS, TAEX, VERNON, TEXAS PROJECTED 1978

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ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.30	0.19
TANDEM DISC TM	4,40	DEC	1.00	0.253	0.168	0.80	0.83
PICKUP 1/2 TON	10	DEC	0.10	0.125	0.100	0.30	0.19
MOLDBOARD 6B TM	3,47	JAN	0.75	0.385	0.257	1.57	1.97
CHISEL TM	3,44	JAN	0.25	0.045	0.030	0.21	0.28
LISTER=PLNT6R TM	4,36	JAN	1.00	0.309	0.206	1.10	1.30
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.30	0.19
ROLLING CULT TM	4,30	FEB	1.00	0.177	0.118	0.56	0.60
LISTER=PLNT6R TM	4,36	FEB	1.00	0.309	0.206	1.10	1.30
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.30	0.19
CULTIVATOR 6R TM	3,33	APR	2.00	0.381	0.254	1.60	2.04
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	JULY	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.30</u>	<u>0.19</u>
TOTALS				3.109	2.239	9.94	10.20

LAND (NET RENT) BASED ON 1/5 OF GROSS INCOME LESS 1/5 OF FERTILIZER, INSECT. FUNGI., AND HARVEST.

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