

WHEAT FOR GRAIN, DRYLAND, LOWER SOUTH CENTRAL TEXAS
 1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
WHEAT	20.00	BU.	3.85	77.00	
TOTAL PROJECTED RETURNS				\$ 77.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED WHEAT	60.00	LB.	0.15	9.00	
NITROGEN (DRY)	20.00	LB.	0.35	7.00	
PHOSPHATE	20.00	LB.	0.30	6.00	
FUEL & LUBE--TRACTOR		ACRE		3.19	
EQUIPMENT		ACRE		1.58	
REPAIRS-----TRACTOR		ACRE		0.41	
EQUIPMENT		ACRE		1.13	
LABOR-----MACHINERY	0.75	HOUR	3.45	2.60	
EQUIPMENT	0.63	HOUR	3.45	2.17	
OPERATING CAPITAL	12.84	DOL.	0.190	2.44	
SUBTOTAL, PREHARVEST		ACRE		\$ 35.51	\$
HARVEST COSTS					
CUST HARV WHEAT	20.00	BU.	0.30	6.00	
HAUL WHEAT	20.00	BU.	0.20	4.00	
SUBTOTAL, HARVEST		ACRE		\$ 10.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 45.51	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 2.28/BU.	WHEAT		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 31.49	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		8.60	
EQUIPMENT		ACRE		7.79	
LAND-CASH RENT	1.00	ACRE	7.50	7.50	
TOTAL FIXED COSTS		ACRE		\$ 23.89	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 69.39	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 3.47/BU.	WHEAT		
6. NET PROJECTED RETURNS		ACRE		\$ 7.61	\$

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B-1241 (C17)

WHEAT FOR GRAIN, DRYLAND, LOWER SOUTH CENTRAL TEXAS
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	4,38	SEPT	1.00	0.210	0.159	1.25	0.73	0.0	4.41	6.39
GRAIN DRILL	4,72	OCT	1.00	0.332	0.252	2.03	1.15	9.00	5.87	18.04
OFFSET DISC	4,38	NOV	1.00	0.210	0.159	1.25	0.73	0.0	4.41	6.39
TOTALS				0.753	0.570	4.53	2.60	9.00	14.68	30.81

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 WHEAT (DOLLARS)				
		3.08	3.46	3.85	4.23	4.62
QUANTITY OF WHEAT	BU.					
	16.00	5.77	11.93	18.09	24.25	30.41
	18.00	10.93	17.86	24.79	31.72	38.65
	20.00	16.09	23.79	31.49	39.19	46.89
	22.00	21.25	29.72	38.19	46.66	55.13
	24.00	26.41	35.65	44.89	54.13	63.37

PEANUTS, SPANISH, DRYLAND, LOWER SOUTH CENTRAL TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
PEANUTS	30.00	CWT.	25.00	750.00	
TOTAL PROJECTED RETURNS				\$ 750.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*PEANUT SEED	50.00	LB.	1.60	80.00	
*NITROGEN (DRY)	16.00	LB.	0.35	5.60	
*PHOSPHATE	24.00	LB.	0.30	7.20	
*POTASH	12.00	LB.	0.30	3.60	
HERBICIDE-PEANUT	1.00	ACRE	7.28	7.28	
RYEGRASS SEED	40.00	LB.	1.25	50.00	
INSECTICIDE-PNUT	4.00	APPL	4.48	17.92	
ALLOTMENT LEASE	30.00	CWT.	0.20	6.00	
FOLIAR FUNGICIDE	3.00	APPL	5.29	15.87	
FUEL & LUBE--TRACTOR		ACRE		10.87	
EQUIPMENT		ACRE		1.94	
REPAIRS--TRACTOR		ACRE		1.38	
EQUIPMENT		ACRE		3.46	
LABOR--MACHINERY	2.57	ACRE	3.45	8.86	
EQUIPMENT	0.77	ACRE	3.45	2.66	
OPERATING CAPITAL	67.08	DOL.	0.190	12.75	
SUBTOTAL, PREHARVEST		ACRE		\$ 235.38	\$
HARVEST COSTS					
CUSTOM HAULING	1.50	TON	8.00	12.00	
CUSTOM DRYING	1.50	TON	20.00	30.00	
FUEL & LUBE--TRACTOR		ACRE		0.35	
REPAIRS--TRACTOR		ACRE		0.04	
EQUIPMENT		ACRE		0.12	
LABOR--MACHINERY	0.08	ACRE	3.45	0.28	
SUBTOTAL, HARVEST		ACRE		\$ 42.80	\$
TOTAL VARIABLE COSTS		ACRE		\$ 278.18	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 9.27/CWT.	PEANUTS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 471.82	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		30.28	
EQUIPMENT		ACRE		20.83	
LAND-CASH RENT	1.00	ACRE	20.00	20.00	
TOTAL FIXED COSTS		ACRE		\$ 71.10	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 349.29	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 11.64/CWT.	PEANUTS	
6. NET PROJECTED RETURNS		ACRE		\$ 400.71	\$
LAND CHARGE BASED ON CURRENT CASH RENT PRICE IN REGION.					

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PEANUTS, SPANISH, DRYLAND, LOWER SOUTH CENTRAL TEXAS 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
MOLDBOARD PLOW	4,31	SEPT	1.00	0.451	0.342	3.08	1.56	0.0	8.67	13.30
CHISEL PLOW	4,33	SEPT	1.00	0.168	0.127	1.00	0.58	0.0	2.95	4.53
DITCHER BLADE	4,48	OCT	1.00	0.504	0.382	2.50	1.74	0.0	9.32	13.56
FERT.APPL,RNTD	4,59	OCT	1.00	0.203	0.154	0.97	0.70	16.40	2.33	20.40
MOLDBOARD PLOW	4,31	FEB	1.00	0.451	0.342	3.08	1.56	0.0	8.67	13.30
CHISEL PLOW	4,33	FEB	1.00	0.168	0.127	1.00	0.58	0.0	2.95	4.53
PLANTER 6R	4,36	MAR	1.00	0.202	0.153	1.36	0.70	80.00	4.27	86.32
OFFSET DISC	4,38	MAR	1.00	0.210	0.159	1.25	0.73	0.0	4.41	6.39
OFFSET DISC	4,38	APR	1.00	0.210	0.159	1.25	0.73	0.0	4.41	6.39
GRAIN CART	4,61	AUG	1.00	0.082	0.063	0.52	0.28	0.0	1.05	1.85
TOTALS				2.651	2.008	16.00	9.15	96.40	49.02	170.56

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 PEANUTS (DOLLARS)				
		20.00	22.50	25.00	27.50	30.00
QUANTITY OF PEANUTS	CWT.	24.00	271.42	331.42	391.42	451.42
	27.00	266.62	334.12	401.62	469.12	536.62
	30.00	321.82	396.82	471.82	546.82	621.82
	33.00	377.02	459.52	542.02	624.52	707.02
	36.00	432.22	522.22	612.22	702.22	792.22

PEANUTS, SPANISH, IRRIGATED, LOWER SOUTH CENTRAL TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
PEANUTS	33.00	CWT.	25.00	825.00	
TOTAL PROJECTED RETURNS				\$ 825.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*PEANUT SEED	90.00	LB.	1.60	144.00	
*NITROGEN (DRY)	16.00	LB.	0.35	5.60	
*PHOSPHATE	24.00	LB.	0.30	7.20	
*POTASH	12.00	LB.	0.30	3.60	
HERBICIDE-PEANUT	1.00	ACRE	7.28	7.28	
SOIL FUNGICIDE	1.00	ACRE	18.75	18.75	
RYEGRASS SEED	40.00	LB.	1.25	50.00	
INSECTICIDE-PNUT	3.00	APPL	4.48	13.44	
HOEING	1.00	ACRE	6.00	6.00	
ALLOTMENT LEASE	33.00	CWT.	0.20	6.60	
FOLIAR FUNGICIDE	6.00	APPL	5.29	31.74	
IRRIGATION WATER	24.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		11.58	
EQUIPMENT		ACRE		1.94	
IRRIGATION		ACRE		53.52	
REPAIRS-----TRACTOR		ACRE		1.47	
EQUIPMENT		ACRE		3.65	
IRRIGATION		ACRE		18.00	
LABOR-----MACHINERY	2.74	ACRE	3.45	9.44	
IRRIGATION	24.00	ACRE	3.45	82.80	
EQUIPMENT	0.77	ACRE	3.45	2.66	
OPERATING CAPITAL	128.60	DOL.	0.190	24.43	
SUBTOTAL, PREHARVEST		ACRE		\$ 503.71	\$
HARVEST COSTS					
CUSTOM HAULING	1.60	TON	8.00	12.80	
CUSTOM DRYING	1.60	TON	20.00	32.00	
FUEL & LUBE--TRACTOR		ACRE		0.35	
REPAIRS-----TRACTOR		ACRE		0.04	
EQUIPMENT		ACRE		0.12	
LABOR-----MACHINERY	0.08	ACRE	3.45	0.28	
SUBTOTAL, HARVEST		ACRE		\$ 45.60	\$
TOTAL VARIABLE COSTS		ACRE		\$ 549.31	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 16.65/CWT.	PEANUTS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 275.69	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		32.20	
EQUIPMENT		ACRE		21.85	
IRRIGATION		ACRE		60.24	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
TOTAL FIXED COSTS		ACRE		\$ 154.29	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 703.60	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 21.32/CWT.	PEANUTS	
6. NET PROJECTED RETURNS		ACRE		\$ 121.40	\$

LAND CHARGE BASED ON CURRENT CASH RENT PRICE IN REGION. ALLOTMENT RENT BASED
2. CENTS PER POUND. IRRIG COSTS BASED ON SIDEROLL SPRINKLER SYSTEM AT 24 ACI

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PEANUTS, SPANISH, IRRIGATED, LOWER SOUTH CENTRAL TEXAS 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
MOLDBOARD PLOW	4,31	SEPT	1.00	0.451	0.342	3.08	1.56	0.0	8.67	13.30
CHISEL PLOW	4,33	SEPT	1.00	0.168	0.127	1.00	0.58	0.0	2.95	4.53
DITCHER BLADE	4,48	OCT	1.00	0.504	0.382	2.50	1.74	0.0	9.32	13.56
FERT. APPL. RNTD	4,59	OCT	1.00	0.203	0.154	0.97	0.70	16.40	2.33	20.40
MOLDBOARD PLOW	4,31	FEB	1.00	0.451	0.342	3.08	1.56	0.0	8.67	13.30
CHISEL PLOW	4,33	FEB	2.00	0.336	0.255	1.99	1.16	0.0	5.90	9.05
PLANTER 6R	4,36	MAR	1.00	0.202	0.153	1.36	0.70	144.00	4.27	150.32
OFFSET DISC	4,38	MAR	1.00	0.210	0.159	1.25	0.73	0.0	4.41	6.39
OFFSET DISC	4,38	APR	1.00	0.210	0.159	1.25	0.73	0.0	4.41	6.39
GRAIN CART	4,61	AUG	1.00	0.082	0.063	0.52	0.28	0.0	1.05	1.85
TOTALS				2.819	2.136	17.00	9.73	160.40	51.96	239.09

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	MAR	3.00	3.000	0.0	8.94	10.35	0.0	7.53	26.82
WATER APPLICATION	APR	3.00	3.000	0.0	8.94	10.35	0.0	7.53	26.82
WATER APPLICATION	MAY	6.00	6.000	0.0	17.88	20.70	0.0	15.06	53.64
WATER APPLICATION	JUNE	6.00	6.000	0.0	17.88	20.70	0.0	15.06	53.64
WATER APPLICATION	JULY	6.00	6.000	0.0	17.88	20.70	0.0	15.06	53.64
TOTALS		24.00	24.000	0.0	71.52	82.80	0.0	60.24	214.56

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 PEANUTS
(DOLLARS)

	20.00	22.50	25.00	27.50	30.00
CWT.					
26.40	-11.03	54.97	120.97	186.97	252.97
29.70	49.83	124.08	198.33	272.58	346.83
33.00	110.69	193.19	275.69	358.19	440.69
36.30	171.55	262.30	353.05	443.80	534.55
39.60	232.41	331.41	430.41	529.41	628.41

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

WATERMELONS, DRYLAND, LOWER SOUTH CENTRAL TEXAS
1982, PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
WATERMELON					
TOTAL PROJECTED RETURNS	125.00	CWT.	6.00	750.00	
2. VARIABLE COSTS					
PREHARVEST COSTS					
WATERMELON SEED	4.00	LB.	6.00	24.00	
NITROGEN (DRY)	40.00	LB.	0.35	14.00	
PHOSPHATE	40.00	LB.	0.30	12.00	
POTASH	20.00	LB.	0.30	6.00	
*INSECTICIDE	2.00	APPL	6.24	12.48	
*FUNGICIDE	2.00	APPL	5.69	11.38	
PESTICIDE APPL.	2.00	ACRE	7.00	7.00	
HERBICIDE-WATER	1.00	APPL	3.50	3.50	
HAND LABOR	5.00	HOURL	6.02	30.10	
FUEL & LUBE--TRACTOR		ACRE	3.45	17.25	
REPAIRS-----TRACTOR		ACRE		7.21	
EQUIPMENT		ACRE		1.23	
LABOR-----EQUIPMENT		ACRE		0.25	
MACHINERY	1.70	ACRE	3.45	5.88	
OPERATING CAPITAL	0.49	HOURL	3.45	1.69	
SUBTOTAL, PREHARVEST	-1.71	DOL.	0.190	-0.33	
HARVEST COSTS					
HARVEST & SELL					
SUBTOTAL, HARVEST	125.00	CWT.	2.10	262.50	
TOTAL VARIABLE COSTS		ACRE		391.48	
BREAK-EVEN PRICE, VARIABLE COSTS					
3. INCOME ABOVE VARIABLE COSTS		ACRE	\$ 3.13/CWT.	WATERMELON	
				\$ 358.52	
4. FIXED COSTS					
DEPRECIATION, INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		19.46	
EQUIPMENT		ACRE		10.32	
LAND-CASH RENT	1.00	ACRE	30.00	30.00	
TOTAL FIXED COSTS		ACRE		59.78	
5. TOTAL PROJECTED COSTS		ACRE		451.27	
BREAK-EVEN PRICE, TOTAL COSTS					
6. NET PROJECTED RETURNS		ACRE	\$ 3.61/CWT.	WATERMELON	
				\$ 298.73	
LAND CHARGE BASED ON CURRENT CASH RENT PRICE IN REGION.					

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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
CHISEL PLOW	4,33	OCT	2.00	0.336	0.255	1.99	1.16	0.0	5.90	9.05
CHISEL PLOW	4,32	FEB	1.00	0.202	0.153	1.18	0.70	0.0	3.45	5.33
CHISEL PLOW	4,33	FEB	1.00	0.168	0.127	1.00	0.58	0.0	2.95	4.53
CULTIVATOR 6R	4,44	MAR	2.00	0.415	0.314	2.38	1.43	0.0	6.76	10.58
RLNG CULT 6R	4,34	APR	1.50	0.292	0.221	1.84	1.01	0.0	4.70	7.54
RLNG CULT 6R	4,34	MAY	1.50	0.292	0.221	1.84	1.01	0.0	4.70	7.54
TOTALS				1.704	1.291	10.23	5.88	0.0	28.46	44.57

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 WATERMELON (DOLLARS)				
		4.80	5.40	6.00	6.60	7.20
QUANTITY OF WATERMELON	CWT.	141.02	201.02	261.02	321.02	381.02
	100.00	174.77	242.27	309.77	377.27	444.77
	112.50	208.52	283.52	358.52	433.52	508.52
	125.00	242.27	324.77	407.27	489.77	572.27
	137.50	276.02	366.02	456.02	546.02	636.02
	150.00					

WATERMELONS, IRRIGATED, LOWER SOUTH CENTRAL TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
WATERMELON	150.00	CWT.	6.00	900.00	
TOTAL PROJECTED RETURNS				\$ 900.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
WATERMELON SEED	4.00	LB.	6.00	24.00	
NITROGEN (DRY)	40.00	LB.	0.35	14.00	
PHOSPHATE	40.00	LB.	0.30	12.00	
POTASH	20.00	LB.	0.30	6.00	
*INSECTICIDE	4.00	APPL	6.24	24.96	
*FUNGICIDE	4.00	APPL	5.69	22.76	
PESTICIDE APPL.	4.00	ACRE	3.50	14.00	
HERBICIDE-WATER	1.00	APPL	6.02	6.02	
HAND LABOR	8.00	HOURL	3.45	27.60	
IRRIGATION WATER	12.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		9.68	
EQUIPMENT		ACRE		1.88	
IRRIGATION		ACRE		26.76	
REPAIRS-----TRACTOR		ACRE		1.23	
EQUIPMENT		ACRE		3.22	
IRRIGATION		ACRE		9.00	
LABOR-----MACHINERY	2.29	HOURL	3.45	7.89	
IRRIGATION	48.00	HOURL	3.45	165.60	
EQUIPMENT	0.75	HOURL	3.45	2.58	
OPERATING CAPITAL	22.91	DOL.	0.190	4.35	
SUBTOTAL, PREHARVEST		ACRE		\$ 383.53	\$
HARVEST COSTS					
HARVEST & SELL	150.00	CWT.	2.10	315.00	
SUBTOTAL, HARVEST		ACRE		\$ 315.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 698.53	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$	4.66/CWT.	WATERMELON	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 201.47	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		26.12	
EQUIPMENT		ACRE		13.76	
IRRIGATION		ACRE		30.12	
LAND-CASH RENT	1.00	ACRE	45.00	45.00	
TOTAL FIXED COSTS		ACRE		\$ 115.00	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 813.53	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$	5.42/CWT.	WATERMELON	
6. NET PROJECTED RETURNS		ACRE		\$ 86.47	\$

12 ACIN. OF IRRIGATION WATER APPLIED WITH SIDE ROLL SPRINKLER SYSTEM.
LAND CHARGE BASED ON CURRENT CASH RENT PRICE IN REGION.

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 02/15/82.

B-1241 (C17)

WATERMELONS, IRRIGATED, LOWER SOUTH CENTRAL TEXAS 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
CHISEL PLOW	4,33	OCT	2.00	0.336	0.255	1.99	1.16	0.0	5.90	9.05
CHISEL PLOW	4,32	FEB	1.00	0.202	0.153	1.18	0.70	0.0	3.45	5.33
CHISEL PLOW	4,33	FEB	1.00	0.168	0.127	1.00	0.58	0.0	2.95	4.53
CULTIVATOR 6R	4,44	MAR	2.00	0.415	0.314	2.38	1.43	0.0	6.76	10.58
RLNG CULT 6R	4,34	APR	3.00	0.583	0.442	3.68	2.01	0.0	9.40	15.09
RLNG CULT 6R	4,34	MAY	3.00	0.583	0.442	3.68	2.01	0.0	9.40	15.09
TOTALS				2.287	1.733	13.91	7.89	0.0	37.86	59.66

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	MAR	3.00	12.000	0.0	8.94	41.40	0.0	7.53	57.87
WATER APPLICATION	APR	6.00	24.000	0.0	17.88	82.80	0.0	15.06	115.74
WATER APPLICATION	MAY	3.00	12.000	0.0	8.94	41.40	0.0	7.53	57.87
TOTALS		12.00	48.000	0.0	35.76	165.60	0.0	30.12	231.48

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 WATERMELON (DOLLARS)				
		4.80	5.40	6.00	6.60	7.20
QUANTITY OF WATERMELON	CWT.					
	120.00	-59.53	12.47	84.47	156.47	228.47
	135.00	-19.03	61.97	142.97	223.97	304.97
	150.00	21.47	111.47	201.47	291.47	381.47
	165.00	61.97	160.97	259.97	358.97	457.97
	180.00	102.47	210.47	318.47	426.47	534.47

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