

589

ONIONS, IRRIGATED
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
ONIONS	450.00	BAG	5.50	2475.00	_____
TOTAL PROJECTED RETURNS				\$ 2475.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*ONION SEED	3.00	LB.	12.50	37.50	_____
*NITROGEN (LIQ)	50.00	LB.	0.26	13.00	_____
*PHOSPHATE	80.00	LB.	0.22	17.60	_____
*HERBICIDE	1.00	ACRE	25.00	25.00	_____
*INSECTICIDE	3.00	APPL	6.00	18.00	_____
*FUNGICIDE	6.00	APPL	7.00	42.00	_____
PESTICIDE APPLI.	6.00	ACRE	3.50	21.00	_____
*NITROGEN (DRY)	50.00	LB.	0.26	13.00	_____
IRRIGATION WATER	18.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		17.72	_____
EQUIPMENT		ACRE		1.14	_____
IRRIGATION		ACRE		90.00	_____
REPAIRS-----TRACTOR		ACRE		5.55	_____
EQUIPMENT		ACRE		2.95	_____
IRRIGATION		ACRE		10.80	_____
LABOR-----MACHINERY	3.20	HOUR	5.00	16.01	_____
IRRIGATION	1.80	HOUR	4.00	7.20	_____
EQUIPMENT	0.49	HOUR	4.00	1.96	_____
OTHER	10.00	HOUR	4.00	40.00	_____
OPERATING CAPITAL	98.26	DOL.	0.145	14.25	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 394.68	\$ _____
HARVEST COSTS					
HARV,PKG,MKT	450.00	BAG	3.65	1642.50	_____
SUBTOTAL, HARVEST		ACRE		\$ 1642.50	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 2037.18	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.53/BAG	ONIONS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 437.82	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		43.06	_____
EQUIPMENT		ACRE		25.89	_____
IRRIGATION		ACRE		36.72	_____
LAND-CASH RENT	1.00	ACRE	50.00	50.00	_____
MISC ADMIN O/H	1.00	ACRE	16.00	16.00	_____
TOTAL FIXED COSTS		ACRE		\$ 171.67	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 2208.84	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 4.91/BAG	ONIONS	
6. NET PROJECTED RETURNS		ACRE		\$ 266.16	\$ _____

ONIONS ARE PACKED AND MARKETED IN 50 POUND 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.

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ONIONS, IRRIGATED
 TEXAS WINTER GARDEN REGION
 1985 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	3,30	SEPT	1.00	0.263	0.199	1.89	1.31	0.0	4.20	7.41
OFFSET DISC	3,34	SEPT	1.00	0.228	0.173	1.60	1.14	0.0	5.25	7.99
OFFSET DISC	3,34	OCT	1.20	0.273	0.207	1.92	1.37	0.0	6.30	9.58
MOLDBOARD PLOW	1,32	OCT	1.00	0.571	0.432	6.32	2.85	0.0	15.54	24.71
LAND PLANE	1,50	OCT	0.20	0.050	0.038	0.49	0.25	0.0	1.37	2.11
BEDDER 6R	1,36	OCT	1.00	0.151	0.115	1.50	0.76	0.0	2.88	5.13
HERBICIDE SPRAYR	63	OCT	1.00	0.0	0.264	0.08	0.0	25.00	2.16	27.24
DRY FERT SPRDR	3,60	OCT	1.00	0.203	0.154	1.44	1.02	30.60	4.28	37.33
BED SHAPER 6R	1,48	OCT	1.00	0.252	0.191	2.45	1.26	0.0	4.93	8.64
CULTIVATOR 4R	3,39	NOV	1.00	0.227	0.172	1.55	1.13	0.0	3.70	6.38
STANHAY PLANTER	3,44	NOV	1.00	0.303	0.230	2.17	1.52	37.50	5.84	47.03
CULTIVATOR 4R	3,39	JAN	1.00	0.227	0.172	1.55	1.13	0.0	3.70	6.38
CULTIVATOR 4R	3,39	FEB	1.00	0.227	0.172	1.55	1.13	0.0	3.70	6.38
CULTIVATOR 4R	3,39	MAR	1.00	0.227	0.172	1.55	1.13	0.0	3.70	6.38
TOTALS				3.202	2.690	26.05	16.01	93.10	67.52	202.68

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	OCT	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	DEC	4.00	0.400	0.0	22.40	1.60	13.00	8.16	45.16
WATER APPLICATION	JAN	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	MAR	3.00	0.300	0.0	16.80	1.20	0.0	6.12	24.12
WATER APPLICATION	APR	3.00	0.300	0.0	16.80	1.20	0.0	6.12	24.12
TOTALS		18.00	1.800	0.0	100.80	7.20	13.00	36.72	157.72

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

BAG	PRICE OF ONIONS (DOLLARS)				
	4.40	4.95	5.50	6.05	6.60
360.00	-124.68	73.32	271.32	469.32	667.32
405.00	-90.93	131.82	354.57	577.32	800.07
450.00	-57.18	190.32	437.82	685.32	932.82
495.00	-23.43	248.82	521.07	793.32	1065.57
540.00	10.32	307.32	604.32	901.32	1198.32

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

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FRESH MARKET SPINACH, IRRIGATED
TEXAS WINTER GARDEN REGION
1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SPINACH, FRESH	400.00	BU.	5.75	2300.00	_____
TOTAL PROJECTED RETURNS				\$ 2300.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SPINACH-FRESH SD	8.00	LB.	4.50	36.00	_____
*NITROGEN (LIQ)	60.00	LB.	0.26	15.60	_____
*PHOSPHATE	120.00	LB.	0.22	26.40	_____
*HERBICIDE	1.00	ACRE	22.00	22.00	_____
*INSECTICIDE	6.00	APPL	13.00	78.00	_____
*FUNGICIDE	7.00	APPL	9.00	63.00	_____
PESTICIDE APPLI.	7.00	ACRE	3.50	24.50	_____
*NITROGEN (DRY)	30.00	LB.	0.26	7.80	_____
IRRIGATION WATER	16.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		18.26	_____
EQUIPMENT		ACRE		1.79	_____
IRRIGATION		ACRE		80.00	_____
REPAIRS-----TRACTOR		ACRE		5.73	_____
EQUIPMENT		ACRE		3.16	_____
IRRIGATION		ACRE		9.60	_____
LABOR-----MACHINERY	2.98	HOUR	5.00	14.88	_____
IRRIGATION	1.60	HOUR	4.00	6.40	_____
EQUIPMENT	0.77	HOUR	4.00	3.08	_____
OTHER	7.00	HOUR	4.00	28.00	_____
OPERATING CAPITAL	94.87	DOL.	0.145	13.76	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 457.95	\$ _____
HARVEST COSTS					
HARV,PKG,MKT	400.00	BU.	4.10	1640.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 1640.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 2097.95	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.24/BU.	SPINACH, FRESH	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 202.05	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		42.30	_____
EQUIPMENT		ACRE		27.05	_____
IRRIGATION		ACRE		32.64	_____
LAND-CASH RENT	1.00	ACRE	50.00	50.00	_____
MISC ADMIN O/H	0.50	ACRE	16.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 160.00	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 2257.95	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.64/BU.	SPINACH, FRESH	
6. NET PROJECTED RETURNS		ACRE		\$ 42.05	\$ _____

SPINACH IS PACKED AND MARKETED IN 25 POUND BUSHELS.

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FRESH MARKET SPINACH, IRRIGATED
 TEXAS WINTER GARDEN REGION
 1985 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	3,30	AUG	1.00	0.263	0.199	1.89	1.31	0.0	4.20	7.41
OFFSET DISC	2,34	AUG	2.20	0.501	0.380	4.40	2.51	0.0	11.65	18.55
MOLDBOARD PLOW	1,32	AUG	1.00	0.571	0.432	6.32	2.85	0.0	15.54	24.71
LAND PLANE	1,50	AUG	0.20	0.050	0.038	0.49	0.25	0.0	1.37	2.11
BEDDER 6R	1,36	AUG	1.00	0.151	0.115	1.50	0.76	0.0	2.88	5.13
HERBICIDE SPRAYR	63	AUG	1.00	0.0	0.264	0.08	0.0	22.00	2.16	24.24
DRY FERT SPRDR	3,60	AUG	1.00	0.203	0.154	1.44	1.02	34.20	4.28	40.93
CULTIVATOR 4R	1,39	SEPT	1.00	0.227	0.172	2.22	1.13	0.0	4.69	8.04
PLANTER 4R	3,41	SEPT	1.00	0.303	0.230	2.40	1.52	36.00	7.15	47.06
BED SHAPER 6R	3,48	SEPT	1.00	0.252	0.191	1.71	1.26	0.0	3.82	6.79
CULTIVATOR 4R	1,39	OCT	1.00	0.227	0.172	2.22	1.13	0.0	4.69	8.04
CULTIVATOR 4R	1,39	NOV	1.00	0.227	0.172	2.22	1.13	0.0	4.69	8.04
TOTALS				2.975	2.519	26.87	14.88	92.20	67.11	201.06

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	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	SEPT	4.00	0.400	0.0	22.40	1.60	15.60	8.16	47.76
WATER APPLICATION	NOV	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	JAN	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
TOTALS		16.00	1.600	0.0	89.60	6.40	15.60	32.64	144.24

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF SPINACH, FRESH	PRICE OF SPINACH, FRESH (DOLLARS)				
	4.60	5.18	5.75	6.32	6.90
320.00	-297.95	-113.95	70.05	254.05	438.05
360.00	-277.95	-70.95	136.05	343.05	550.05
400.00	-257.95	-27.95	202.05	432.05	662.05
440.00	-237.95	15.05	268.05	521.05	774.05
480.00	-217.95	58.05	334.05	610.05	886.05

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

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PROCESSED SPINACH, IRRIGATED
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SPINACH, PROCESS	7.50	TON	84.00	630.00	_____
SPINACH SECONDS	0.80	TON	1.00	0.80	_____
TOTAL PROJECTED RETURNS				\$ 630.80	\$ _____
2. VARIABLE COSTS					
			INPUT USE		
PREHARVEST COSTS					
*SPINACH-PROC. SD	16.00	LB.	2.50	40.00	_____
*NITROGEN (LIQ)	60.00	LB.	0.26	15.60	_____
*PHOSPHATE	150.00	LB.	0.22	33.00	_____
*HERBICIDE	1.00	ACRE	22.00	22.00	_____
*INSECTICIDE	8.00	APPL	13.00	104.00	_____
*FUNGICIDE	3.00	APPL	9.00	27.00	_____
PESTICIDE APPLI.	8.00	ACRE	3.50	28.00	_____
*NITROGEN (DRY)	60.00	LB.	0.26	15.60	_____
IRRIGATION WATER	20.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		20.38	_____
EQUIPMENT		ACRE		0.98	_____
IRRIGATION		ACRE		100.00	_____
REPAIRS-----TRACTOR		ACRE		6.30	_____
EQUIPMENT		ACRE		3.04	_____
IRRIGATION		ACRE		12.00	_____
LABOR-----MACHINERY	2.98	HOUR	5.00	14.88	_____
IRRIGATION	2.00	HOUR	4.00	8.00	_____
EQUIPMENT	0.42	HOUR	4.00	1.68	_____
OTHER	6.00	HOUR	4.00	24.00	_____
OPERATING CAPITAL	131.64	DOL.	0.145	19.09	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 495.54	\$ _____
HARVEST COSTS					
HARV, PKG, HAUL	9.00	TON	7.00	63.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 63.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 558.54	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 74.37/TON	SPINACH, PROCESS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 72.26	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		45.68	_____
EQUIPMENT		ACRE		26.03	_____
IRRIGATION		ACRE		40.80	_____
LAND-CASH RENT	1.00	ACRE	50.00	50.00	_____
MISC ADMIN O/H	0.50	ACRE	16.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 170.51	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 729.05	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 97.10/TON	SPINACH, PROCESS	
6. NET PROJECTED RETURNS		ACRE		\$ -98.25	\$ _____

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PROCESSED SPINACH, IRRIGATED
TEXAS WINTER GARDEN REGION
1985 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	AUG	1.00	0.263	0.199	2.36	1.31	0.0	4.25	7.92
OFFSET DISC	2,34	AUG	2.20	0.501	0.380	4.40	2.51	0.0	11.65	18.55
MOLDBOARD PLOW	1,32	AUG	1.00	0.571	0.432	6.32	2.85	0.0	15.54	24.71
LAND PLANE	1,50	AUG	0.20	0.050	0.038	0.49	0.25	0.0	1.37	2.11
BEDDER 6R	1,36	AUG	1.00	0.151	0.115	1.50	0.76	0.0	2.88	5.13
HERBICIDE SPRAYR	63	AUG	1.00	0.0	0.264	0.08	0.0	22.00	2.16	24.24
DRY FERT SPRDER	1,60	AUG	1.00	0.203	0.154	2.04	1.02	48.60	5.17	56.82
CULTIVATOR 4R	1,39	SEPT	1.00	0.227	0.172	2.22	1.13	0.0	4.69	8.04
PLANTER 4R	1,41	SEPT	1.00	0.303	0.230	3.30	1.52	40.00	8.47	53.29
BED SHAPER 6R	1,48	SEPT	1.00	0.252	0.191	2.45	1.26	0.0	4.93	8.64
CULTIVATOR 4R	1,39	OCT	1.00	0.227	0.172	2.22	1.13	0.0	4.69	8.04
CULTIVATOR 4R	1,39	NOV	1.00	0.227	0.172	2.22	1.13	0.0	4.69	8.04
TOTALS				2.975	2.519	29.57	14.88	110.60	70.49	225.53

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	SEPT	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	OCT	4.00	0.400	0.0	22.40	1.60	15.60	8.16	47.76
WATER APPLICATION	NOV	3.00	0.300	0.0	16.80	1.20	0.0	6.12	24.12
WATER APPLICATION	DEC	3.00	0.300	0.0	16.80	1.20	0.0	6.12	24.12
WATER APPLICATION	JAN	3.00	0.300	0.0	16.80	1.20	0.0	6.12	24.12
WATER APPLICATION	FEB	3.00	0.300	0.0	16.80	1.20	0.0	6.12	24.12
TOTALS		20.00	2.000	0.0	112.00	8.00	15.60	40.80	176.40

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF SPINACH, PROCESS	PRICE OF SPINACH, PROCESS (DOLLARS)				
	67.20	75.60	84.00	92.40	100.80
6.00 TON	-142.10	-91.70	-41.30	9.10	59.50
6.75	-97.92	-41.22	15.48	72.18	128.88
7.50	-53.74	9.26	72.26	135.26	198.26
8.25	-9.56	59.74	129.04	198.34	267.64
9.00	34.62	110.22	185.82	261.42	337.02

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

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PECAN ORCHARD, ESTABLISHMENT PHASE
 TEXAS WINTER GARDEN REGION
 ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*TREES (5-6 FT)	35.00	TREE	8.00	280.00	_____
CUSTOM CHSL PLOW	1.00	APPL	10.00	10.00	_____
CUSTM DISC	2.00	APPL	8.00	16.00	_____
CUSTM LAND PLANE	1.00	APPL	6.00	6.00	_____
MISC. EXPENSE	0.50	ACRE	15.00	7.50	_____
*HIRE PLANT EQUIP	10.00	HOUR	2.00	20.00	_____
FUEL & LUBE--TRACTOR		ACRE		0.50	_____
EQUIPMENT		ACRE		5.23	_____
REPAIRS-----TRACTOR		ACRE		0.12	_____
EQUIPMENT		ACRE		1.39	_____
LABOR-----MACHINERY	2.76	HOUR	5.00	13.81	_____
EQUIPMENT	0.28	HOUR	4.00	1.12	_____
OTHER	8.00	HOUR	4.00	32.00	_____
OPERATING CAPITAL	319.51	DOL.	0.145	46.33	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 440.00	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 440.00	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -440.00	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		2.02	_____
EQUIPMENT		ACRE		22.16	_____
TOTAL FIXED COSTS		ACRE		\$ 24.19	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 464.18	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -464.18	\$ _____

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.

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PECAN ORCHARD, ESTABLISHMENT PHASE
 TEXAS WINTER GARDEN REGION
 ESTIMATED 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	5,30	DEC	1.00	0.263	0.199	0.85	1.31	0.0	3.05	5.22
TRACTOR	5	JAN	1.00	1.250	1.000	3.91	6.25	290.00	9.23	309.39
TRACTOR	5	FEB	1.00	1.250	1.000	3.91	6.25	10.00	9.23	29.39
TOTALS				2.763	2.199	8.67	13.81	300.00	21.52	344.01

596

PECAN ORCHARD, PRE-PRODUCTION PHASE (YEARS 1-4)
 TEXAS WINTER GARDEN REGION
 ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*NITROGEN (DRY)	18.00	LB.	0.26	4.68	_____
*ZINC SULPHATE	3.75	LB.	0.30	1.13	_____
*INSECTICIDE	2.50	GAL.	2.70	6.75	_____
*FUNGICIDE	0.38	LB.	11.00	4.13	_____
*HERBICIDE	1.00	QT.	19.50	19.50	_____
IRRIGATION WATER	1.10	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		8.81	_____
EQUIPMENT		ACRE		1.63	_____
IRRIGATION		ACRE		2.09	_____
REPAIRS-----TRACTOR		ACRE		2.02	_____
EQUIPMENT		ACRE		1.94	_____
IRRIGATION		ACRE		0.74	_____
LABOR-----MACHINERY	4.62	HOUR	5.00	23.09	_____
IRRIGATION	0.11	HOUR	4.00	0.44	_____
EQUIPMENT	0.70	HOUR	4.00	2.80	_____
OTHER	12.00	HOUR	4.00	48.00	_____
OPERATING CAPITAL	26.94	DOL.	0.145	3.91	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 131.64	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 131.64	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -131.64	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		35.53	_____
EQUIPMENT		ACRE		34.52	_____
IRRIGATION		ACRE		54.00	_____
MISC ADMIN O/H	0.50	ACRE	16.00	8.00	_____
LAND-CASH RENT	1.00	ACRE	50.00	50.00	_____
PRORATED ESTABL	464.18	ACRE	0.07	32.49	_____
TOTAL FIXED COSTS		ACRE		\$ 214.54	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 346.18	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -346.18	\$ _____

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PECAN ORCHARD, PRE-PRODUCTION PHASE (YEARS 1-4)
 TEXAS WINTER GARDEN REGION
 ESTIMATED 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	5,35	MAR	1.00	0.340	0.258	0.88	1.70	0.0	6.95	9.53
DRY FERT SPRDER	5,60	MAR	1.00	0.203	0.154	0.63	1.02	2.34	3.39	7.38
SPRAYR HYDRAULIC	5,84	APR	1.00	0.346	0.262	0.88	1.73	2.91	2.94	8.45
SHREDDER	5,30	APR	1.00	0.263	0.199	0.85	1.31	0.0	3.05	5.22
SPRAYR HYDRAULIC	5,84	MAY	2.00	0.691	0.524	1.76	3.46	1.72	5.87	12.81
HERBICIDE SPRAYR	5,62	MAY	1.00	0.698	0.529	2.01	3.49	9.75	15.03	30.27
SPRAYR HYDRAULIC	5,84	JUNE	1.00	0.346	0.262	0.88	1.73	2.91	2.94	8.45
SPRAYR HYDRAULIC	5,84	JULY	1.00	0.346	0.262	0.88	1.73	1.54	2.94	7.08
SPRAYR HYDRAULIC	5,84	AUG	1.00	0.346	0.262	0.88	1.73	2.91	2.94	8.45
HERBICIDE SPRAYR	5,62	AUG	1.00	0.698	0.529	2.01	3.49	9.75	15.03	30.27
OFFSET DISC	5,35	NOV	1.00	0.340	0.258	0.88	1.70	0.0	6.95	9.53
TOTALS				4.617	3.498	12.52	23.09	33.84	68.01	137.46

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	0.10	0.010	0.0	0.26	0.04	0.0	4.91	5.21
WATER APPLICATION	APR	0.20	0.020	0.0	0.51	0.08	0.0	9.82	10.41
WATER APPLICATION	MAY	0.20	0.020	0.0	0.51	0.08	0.0	9.82	10.41
WATER APPLICATION	JUNE	0.20	0.020	0.0	0.51	0.08	0.0	9.82	10.41
WATER APPLICATION	JULY	0.20	0.020	0.0	0.51	0.08	0.0	9.82	10.41
WATER APPLICATION	AUG	0.20	0.020	0.0	0.51	0.08	0.0	9.82	10.41
TOTALS		1.10	0.110	0.0	2.83	0.44	0.0	54.00	57.27

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PECAN ORCHARD, EARLY PRODUCTION PHASE (YEARS 5-10)
 TEXAS WINTER GARDEN REGION
 ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
PECANS	600.00	LB.	1.00	600.00	_____
TOTAL PROJECTED RETURNS				\$ 600.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*NITROGEN (DRY)	75.00	LB.	0.26	19.50	_____
*ZINC SULPHATE	15.00	LB.	0.30	4.50	_____
*INSECTICIDE	5.00	GAL.	2.70	13.50	_____
*FUNGICIDE	1.50	LB.	11.00	16.50	_____
*HERBICIDE	1.00	QT.	19.50	19.50	_____
IRRIGATION WATER	6.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		16.50	_____
EQUIPMENT		ACRE		1.63	_____
IRRIGATION		ACRE		11.40	_____
REPAIRS-----TRACTOR		ACRE		3.44	_____
EQUIPMENT		ACRE		4.46	_____
IRRIGATION		ACRE		4.02	_____
LABOR-----MACHINERY	4.61	HOUR	5.00	23.07	_____
IRRIGATION	0.60	HOUR	4.00	2.40	_____
EQUIPMENT	0.70	HOUR	4.00	2.80	_____
OTHER	14.00	HOUR	4.00	56.00	_____
OPERATING CAPITAL	4.93	DOL.	0.145	0.72	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 199.94	\$ _____
HARVEST COSTS					
CUSTOM PICKING	600.00	LB.	0.28	168.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 168.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 367.94	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.61/LB.	PECANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 232.06	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		60.33	_____
EQUIPMENT		ACRE		40.32	_____
IRRIGATION		ACRE		54.00	_____
MISC ADMIN O/H	0.75	ACRE	16.00	12.00	_____
LAND-CASH RENT	1.00	ACRE	50.00	50.00	_____
PRORATED ESTABL	464.18	ACRE	0.07	32.49	_____
TOTAL FIXED COSTS		ACRE		\$ 249.14	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 617.08	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 1.03/LB.	PECANS	
6. NET PROJECTED RETURNS		ACRE		\$ -17.08	\$ _____

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PECAN ORCHARD, EARLY PRODUCTION PHASE (YEARS 5-10)
 TEXAS WINTER GARDEN REGION
 ESTIMATED 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
DRY FERT SPRDER	4,60	MAR	1.00	0.203	0.154	1.03	1.02	9.75	4.49	16.29
SHREDDER	4,30	MAR	1.00	0.263	0.199	1.37	1.31	0.0	4.47	7.15
SPRAYER H. SPEED	4,83	APR	1.00	0.324	0.246	1.84	1.62	8.95	5.73	18.13
DRY FERT SPRDER	4,60	MAY	1.00	0.203	0.154	1.03	1.02	9.75	4.49	16.29
SPRAYER H. SPEED	4,83	MAY	2.00	0.648	0.491	3.67	3.24	4.20	11.45	22.57
HERBICIDE SPRAYR	4,62	MAY	1.00	0.698	0.529	3.39	3.49	9.75	18.78	35.41
SPRAYER H. SPEED	4,83	JUNE	1.00	0.324	0.246	1.84	1.62	8.95	5.73	18.13
SPRAYER H. SPEED	4,83	JULY	1.00	0.324	0.246	1.84	1.62	3.45	5.73	12.63
SPRAYER H. SPEED	4,83	AUG	1.00	0.324	0.246	1.84	1.62	8.95	5.73	18.13
HERBICIDE SPRAYR	4,62	AUG	1.00	0.698	0.529	3.39	3.49	9.75	18.78	35.41
SHREDDER	4,30	OCT	1.00	0.263	0.199	1.37	1.31	0.0	4.47	7.15
OFFSET DISC	4,35	NOV	1.00	0.340	0.258	1.55	1.70	0.0	8.78	12.03
TOTALS				4.613	3.495	24.15	23.07	73.50	98.61	219.33

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	APR	1.00	0.100	0.0	2.57	0.40	0.0	9.00	11.97
WATER APPLICATION	MAY	1.00	0.100	0.0	2.57	0.40	0.0	9.00	11.97
WATER APPLICATION	JUNE	1.00	0.100	0.0	2.57	0.40	0.0	9.00	11.97
WATER APPLICATION	JULY	1.00	0.100	0.0	2.57	0.40	0.0	9.00	11.97
WATER APPLICATION	AUG	1.00	0.100	0.0	2.57	0.40	0.0	9.00	11.97
WATER APPLICATION	SEPT	1.00	0.100	0.0	2.57	0.40	0.0	9.00	11.97
TOTALS		6.00	0.600	0.0	15.42	2.40	0.0	54.00	71.82

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF PECANS	LB.	PRICE OF PECANS (DOLLARS)				
		0.80	0.90	1.00	1.10	1.20
480.00		49.66	97.66	145.66	193.66	241.66
540.00		80.86	134.86	188.86	242.86	296.86
600.00		112.06	172.06	232.06	292.06	352.06
660.00		143.26	209.26	275.26	341.26	407.26
720.00		174.46	246.46	318.46	390.46	462.46

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PECAN ORCHARD, OPERATIONAL PHASE (YEARS 10-20)
 TEXAS WINTER GARDEN REGION
 ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
PECANS	1200.00	LB.	1.00	1200.00	_____
TOTAL PROJECTED RETURNS				\$ 1200.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*NITROGEN (DRY)	140.00	LB.	0.26	36.40	_____
*ZINC SULPHATE	37.50	LB.	0.30	11.25	_____
*INSECTICIDE	19.50	GAL.	2.70	52.65	_____
*FUNGICIDE	4.50	LB.	11.00	49.50	_____
*HERBICIDE	1.00	QT.	19.50	19.50	_____
IRRIGATION WATER	16.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		14.56	_____
EQUIPMENT		ACRE		1.63	_____
IRRIGATION		ACRE		30.40	_____
REPAIRS-----TRACTOR		ACRE		3.03	_____
EQUIPMENT		ACRE		4.23	_____
IRRIGATION		ACRE		10.72	_____
LABOR-----MACHINERY	4.07	HOURL	5.00	20.35	_____
IRRIGATION	1.60	HOURL	4.00	6.40	_____
EQUIPMENT	0.70	HOURL	4.00	2.80	_____
OTHER	18.00	HOURL	4.00	72.00	_____
OPERATING CAPITAL	12.86	DOL.	0.145	1.86	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 337.29	\$ _____
HARVEST COSTS					
CUSTOM PICKING	1200.00	LB.	0.28	336.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 336.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 673.29	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.56/LB.	PECANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 526.71	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		53.22	_____
EQUIPMENT		ACRE		34.16	_____
IRRIGATION		ACRE		54.00	_____
MISC ADMIN O/H	1.00	ACRE	16.00	16.00	_____
LAND-CASH RENT	1.00	ACRE	50.00	50.00	_____
PRORATED ESTABL	464.18	ACRE	0.07	32.49	_____
TOTAL FIXED COSTS		ACRE		\$ 239.87	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 913.16	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.76/LB.	PECANS	
6. NET PROJECTED RETURNS		ACRE		\$ 286.84	\$ _____

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PECAN ORCHARD, OPERATIONAL PHASE (YEARS 10-20)
 TEXAS WINTER GARDEN REGION
 ESTIMATED 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
DRY FERT SPRDER	4,60	MAR	1.00	0.203	0.154	1.03	1.02	18.20	4.49	24.74
SHREDDER	4,30	MAR	1.00	0.263	0.199	1.37	1.31	0.0	4.47	7.15
SPRAYER H. SPEED	4,83	APR	1.00	0.324	0.246	1.84	1.62	27.03	5.73	36.21
SPRAYER H. SPEED	4,83	MAY	2.00	0.648	0.491	3.67	3.24	15.03	11.45	33.40
HERBICIDE SPRAYR	4,62	MAY	1.00	0.698	0.529	3.39	3.49	9.75	18.78	35.41
SPRAYER H. SPEED	4,83	JUNE	1.00	0.324	0.246	1.84	1.62	29.28	5.73	38.46
SPRAYER H. SPEED	4,83	JULY	1.00	0.324	0.246	1.84	1.62	12.78	5.73	21.96
SPRAYER H. SPEED	4,83	AUG	1.00	0.324	0.246	1.84	1.62	29.28	5.73	38.46
HERBICIDE SPRAYR	4,62	AUG	1.00	0.698	0.529	3.39	3.49	9.75	18.78	35.41
SHREDDER	4,30	OCT	1.00	0.263	0.199	1.37	1.31	0.0	4.47	7.15
TOTALS				4.070	3.083	21.57	20.35	151.10	85.34	278.36

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	1.00	0.100	0.0	2.57	0.40	0.0	3.38	6.34
WATER APPLICATION	APR	2.00	0.200	0.0	5.14	0.80	0.0	6.75	12.69
WATER APPLICATION	MAY	2.60	0.260	0.0	6.68	1.04	0.0	8.78	16.50
WATER APPLICATION	JUNE	2.60	0.260	0.0	6.68	1.04	0.0	8.78	16.50
WATER APPLICATION	JULY	2.60	0.260	0.0	6.68	1.04	0.0	8.78	16.50
WATER APPLICATION	AUG	2.60	0.260	0.0	6.68	1.04	0.0	8.78	16.50
WATER APPLICATION	SEPT	2.60	0.260	0.0	6.68	1.04	0.0	8.78	16.50
TOTALS		16.00	1.600	0.0	41.12	6.40	0.0	54.00	101.52

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 PECANS (DOLLARS)				
		0.80	0.90	1.00	1.10	1.20
QUANTITY OF PECANS	LB.					
	960.	161.91	257.91	353.91	449.91	545.91
	1080.	224.31	332.31	440.31	548.31	656.31
	1200.	286.71	406.71	526.71	646.71	766.71
	1320.	349.11	481.11	613.11	745.11	877.11
	1440.	411.51	555.51	699.51	843.51	987.51

LISTING OF THE NAME SET AND PRICE VECTOR REGION NUMBER: 12 DATE: 110784

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
13	STEER CALVES	LIVE	CWT.	76.00	247	CUST. PCNB FUNG.	PEAN	APPL	46.00
14	HEIFER CALVES	---	CWT.	67.00	248	CUST. PCNB FUNG.	PEAN	LB.	0.45
17	CULL COWS	---	CWT.	38.75	249	HERB. POSTEMERGE	PEAN	ACRE	9.00
28	DEER LEASE	---	ACRE	2.50	250	HERBICIDE	RDUP	QT.	19.50
70	DEFICIENCY PMT.	WHET	BU.	1.08	256	DEFOLIANT	---	ACRE	8.00
71	DEFICIENCY PMT.	SORG	CWT.	0.82	260	GROWTH RETARDANT	COTT	APPL	12.00
73	GRAIN SORGHUM	---	CWT.	4.44	269	CUSTOM HARVEST	WHET	ACRE	17.50
77	CORN	FOOD	BU.	3.95	270	CUSTOM HARVEST D	SORG	ACRE	18.00
79	WINTER WHEAT	---	BU.	3.30	271	CUSTOM HARVEST I	SORG	CWT.	0.45
80	SPRING WHEAT	---	BU.	3.30	272	CUSTOM HARVEST	CORN	ACRE	24.00
82	PROC. BEETS #1	FOOD	TON	70.00	275	CUSTOM HARV&HAUL	BEET	TON	11.00
83	PROC. BEETS #2	FOOD	TON	60.00	282	GIN, BAG, TIES	---	BALE	43.60
84	PROC. BEETS #3	FOOD	TON	10.00	283	HAUL GRAIN SORG	---	CWT.	0.30
85	USABLE CULLS	BEET	TON	1.00	284	HAUL WHEAT	---	BU.	0.15
86	PROC. CARROTS #1	---	TON	64.00	285	HAUL CORN	---	BU.	0.17
87	PROC. CARROTS #2	---	TON	36.00	288	HAUL GUAR	---	CWT.	0.25
88	PROC. CARROTS #3	---	TON	15.00	289	CUS HARV GUAR	---	ACRE	25.00
89	CARROT CULLS	---	TON	1.00	291	SD COTTON-UPLAND	---	LB.	0.55
90	DEFICIENCY PMT.	COTT	LB.	0.19	296	HARVEST AND HAUL	CARR	TON	11.00
91	DEFICIENCY PMT.	CORN	BU.	0.47	297	CUSTOM COMBINE	PEAN	CWT.	1.50
92	GUAR	---	CWT.	12.00	311	HIRE PLANT EQUIP	PECN	hour	2.00
93	COTTON LINT	DRY	LB.	0.57	315	CUSTOM CHSL PLOW	PECN	APPL	10.00
94	COTTONSEED	---	TON	130.00	320	CUST RETARD APPL	COTT	APPL	3.50
95	SPANISH PEANUTS	---	CWT.	26.50	322	CUSTOM HAULING	COW	HEAD	8.00
96	PECANS	NATV	LB.	1.00	328	CUST COTTON PICK	---	LB.	0.11
98	SOYBEANS	---	BU.	6.25	329	FUNGICIDE APPLI.	AIR	ACRE	2.90
99	COTTON LINT	IRRI	LB.	0.65	330	FERTILIZER APPLI	GRND	ACRE	1.80
103	SALT & MIN.	---	LB.	0.30	331	PESTICIDE APPLI.	CSTM	ACRE	3.50
107	COTTONSEED CAKE	---	LB.	0.13	332	HERBICIDE APPLI.	CSTM	ACRE	3.00
153	PASTURE RENT	UNIM	ACRE	3.50	333	INSECT. APPLI.	AIR	APPL	3.00
154	PASTURE RENT	PAIM	ACRE	4.00	335	DEFOLIANT APPLI.	COTT	ACRE	3.00
155	SORGHUM PASTURE	---	DAYS	0.50	339	MOW,RAKE,BALE	HAY	BALE	0.90
156	PASTURE RENT	IMPR	ACRE	7.50	348	CUSTOM DISC	PECN	APPL	8.00
161	CORN SILAGE	---	TON	23.00	349	CUSTOM LAND PLANE	PECN	APPL	6.00
175	SORGHUM HAY	---	TON	65.00	368	TREES (5-6 FT)	PECN	TREE	8.00
180	PASTURE MAINT.	IMPR	ACRE	2.00	373	MISC. EXPENSE	PECN	ACRE	15.00
184	SEED CORN/GRAIN	---	LB.	1.40	374	CUSTOM PICKING	PECN	LB.	0.28
185	SEED CORN/SILAGE	---	LB.	1.00	393	MISC EXPENSE	LIVE	DOL.	5.00
186	GRAIN SORG. SEED	---	LB.	0.76	396	WATER FACIL REPR	LIVE	HEAD	2.00
187	FORAGE SORG SEED	---	LB.	0.32	410	VET MEDICINE	LIVE	DOL.	5.00
189	SOYBEAN SEED	---	LB.	0.32	450	+ FED. CROP INS.	WHET	ACRE	5.20
195	GUAR SEED	---	LB.	0.65	451	HAIL INSURANCE	SORG	ACRE	12.00
212	NITROGEN (DRY)	---	LB.	0.26	455	HAIL INSURANCE	COTT	ACRE	19.00
213	NITROGEN (ANHY)	---	LB.	0.13	456	HAIL INSURANCE	CORN	ACRE	17.00
214	NITROGEN (LIQ)	---	LB.	0.26	461	+ FED. CROP INS.	DSOR	ACRE	5.19
215	PHOSPHATE	---	LB.	0.22	462	+ FED. CROP INS.	DCOT	ACRE	15.73
234	VITAVAX APPL.	FUNG	APPL	30.00	474	LAND-CASH RENT	VEGE	ACRE	50.00
239	FUNGICIDE	DTRT	LB.	11.00	475	LAND-CASH RENT	IRRI	ACRE	65.00
240	INSECTICIDE	ZOLO	GAL.	2.70	479	GRAZING LEASES	LIVE	ACRE	3.50
241	CUST INSECT.	PEAN	APPL	5.00	486	SALES COMM	LIVE	HEAD	9.00

1 = HEAD	6 = BALE	11 = ACIN	15 = DOL.	19 = FEET	23 = CRTN	27 = EACH
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5 = GAL.	10 = AUM					

LISTING OF THE NAME SET AND PRICE VECTOR REGION NUMBER: 12 DATE: 110784

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
490	ZINC SULPHATE	PECN	LB.	0.30	545	HERBICIDE	CARR	ACRE	15.00
491	SURFACTANT	SOAP	LB.	0.60	546	HERBICIDE	CORN	ACRE	20.00
492	CHAIN SAW	PECN	HOUR	1.50	547	HERBICIDE	COTT	ACRE	8.50
493	LOG SPLITTER	PECN	HOUR	3.00	548	HERBICIDE	CUCU	ACRE	8.00
499	BORON APPLICAT.	BEET	ACRE	3.00	549	HERBICIDE	LETT	ACRE	9.00
500	BORON	BEET	ACRE	2.75	550	HERBICIDE	SORG	ACRE	10.00
501	CABBAGE	_____	BAG	3.50	551	HERBICIDE	ONIO	ACRE	25.00
502	CANTALOUPS	_____	CRTN	5.50	552	HERBICIDE	SP,B	ACRE	22.00
503	CARROTS	_____	BAG	6.50	553	HERB., PREMERGE	PEAN	ACRE	3.12
504	CUCUMBERS	_____	CRTN	6.50	554	HERBICIDE	SUNF	ACRE	4.00
505	CUCUMB. PICKLES	_____	CWT.	7.50	555	HERBICIDE	SOYB	ACRE	4.00
506	BUFFLE GR. PAST	_____	DAYS	0.50	556	INSECTICIDE	CABB	APPL	13.00
507	ONIONS	_____	BAG	5.50	557	INSECTICIDE	CANT	APPL	7.50
508	SPINACH, FRESH	_____	BU.	5.75	558	INSECTICIDE	CARR	APPL	6.50
509	SPINACH, PROCESS	_____	TON	84.00	559	INSECTICIDE	CORN	APPL	8.00
510	LETTUCE	_____	CRTN	5.50	560	INSECTICIDE	COTT	APPL	8.50
511	OATS GRAZING AUD	_____	DAYS	0.50	561	INSECTICIDE	CUC.	APPL	10.00
512	WHEAT SD TREATED	_____	LB.	0.17	562	INSECTICIDE	LETT	APPL	8.00
513	BUFFLE GRASS SD	_____	LB.	3.40	563	INSECTICIDE	SORG	APPL	8.00
514	CABBAGE SEED	_____	LB.	68.00	564	INSECTICIDE	ONIO	APPL	6.00
515	CANTALOUPE SEED	_____	LB.	6.00	565	INSECTICIDE	PEAN	APPL	4.10
516	CARROT SEED	_____	LB.	5.50	566	INSECTICIDE	SPIN	APPL	13.00
517	CUCUMBER SEED	_____	LB.	6.50	567	INSECTICIDE	SUNF	APPL	6.00
518	CUCUMBER-PCKL SD	_____	LB.	8.00	568	INSECTICIDE	SOYB	APPL	7.00
519	ONION SEED	_____	LB.	12.50	570	FUNGICIDE	CABB	APPL	12.00
520	OATS SEED	_____	LB.	0.15	571	FUNGICIDE	CANT	APPL	7.00
521	SPINACH-FRESH SD	_____	LB.	4.50	572	FUNGICIDE	CARR	APPL	7.00
522	SPINACH-PROC. SD	_____	LB.	2.50	573	FUNGICIDE	CUC.	APPL	7.00
523	LETTUCE SEED	_____	LB.	28.00	574	FUNGICIDE	LETT	APPL	5.40
524	PEANUT SEED	_____	LB.	0.62	575	FUNGICIDE	ONIO	APPL	7.00
525	SUNFLOWER SEED	_____	LB.	0.50	576	FUNGICIDE	PEAN	APPL	7.70
526	SPRIG & SPRIGGNG	_____	ACRE	40.00	577	FUNGICIDE	SPIN	APPL	9.00
527	HARV, PACK & MKT	CABB	BAG	2.10	578	CSTL PAST GRAZNG	_____	DAYS	0.50
528	HARV, PACK & MKT	CANT	CRTN	4.25	579	CUSTOM ROOT PLOW	_____	ACRE	45.00
529	HARV, PACK & MKT	CARR	BAG	4.50	580	CSTL BERMUDA HAY	_____	TON	60.00
530	HRV,PKG,MKT	CCMB	CRTN	4.25	581	CUST HARV, STRIP	COTT	CWT.	1.75
531	HARVEST, PICKLES	CCMB	CWT.	4.00	582	GIN STRPR COTTON	_____	CWT.	1.75
532	HARV,PKG,MKT	ONIO	BAG	3.65	583	BL,BG,TIE-ST CTN	_____	BALE	13.00
533	HARV,PKG,MKT	SPIN	BU.	4.10	584	BEEHIVE RENT	_____	ACRE	15.00
534	HARV,PKG,HAUL	PRSP	TON	7.00	585	BEET SEED	_____	LB.	3.00
535	HARV,PKG,HAUL	LETT	CRTN	4.25	586	NEMATICIDE	_____	APPL	28.00
536	HARVEST & HAUL	SUNF	ACRE	25.00	587	FLORUNNER PEANUT	_____	CWT.	26.50
537	CUSTOM DRYING	PEAN	TON	18.00	588	FUNGICIDE	BEET	ACRE	7.00
538	CUSTOM HAUL	PEAN	TON	8.00	590	SPINACH SECONDS	_____	TON	1.00
539	CUSTOM HARVEST	SOYB	BU.	0.75	591	GRAZING	_____	DAYS	0.50
540	CUSTOM HAUL	SOYB	BU.	0.15	592	CUSTOM FERTILIZE	_____	ACRE	2.00
541	CUSTOM HAUL	HAY	BALE	0.15	593	SUNFLOWERS	_____	LB.	0.08
542	HERBICIDE	HAY	ACRE	2.40	595	INNOCULANT	_____	ACRE	0.50
543	HERBICIDE	CABB	ACRE	8.50	596	CUSTOM HAUL	_____	CWT.	0.20
544	HERBICIDE	CANT	ACRE	12.00	598	MISC ADMIN O/H	_____	ACRE	16.00

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LISTING OF THE NAME SET AND PRICE VECTOR REGION NUMBER: 12 DATE: 110784

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
599	HERBICIDE	GUAR	ACRE	4.00	---	-----	---	---	---
600	CORD WOOD	PECN	KWH	45.00	---	-----	---	---	---

- | | | | | | | |
|----------|----------|-----------|-----------|-----------|-----------|-----------|
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DEFAULT PARAMETER VALUES AND DEFINITIONS
 REGION: 12 DATE: 110784

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.1100
2.	PRICE PER GALLON OF L.P. GAS	0.6700
3.	PRICE PER GALLON OF DIESEL	0.9300
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0800
5.	PRICE PER 1000 CU. FT. OF NATURAL GAS	4.5500
6.	NOMINAL INTEREST RATE	0.1450
7.	MACHINERY INSUR. RATE (AVERAGE INVESTMENT)	0.0100
8.	MACHINERY TAX RATE (PURCHASE VALUE)	0.0
9.	IRRIGATION SYSTEM NUMBER	1.
10.	HOURLY MACHINERY WAGE RATE	5.00
11.	HOURLY OTHER LABOR WAGE RATE	4.00
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	4.00
13.	DEATH LOSS (PERCENT OF TOTAL RECEIPTS)	0.0
14.	LIVESTOCK INSUR. RATE (AVERAGE INVESTMENT)	0.0100
15.	EQUIPMENT INSUR. RATE (AVERAGE INVESTMENT)	0.0100
16.	LIVESTOCK TAX RATE (AVERAGE VALUE)	0.0050
17.	EQUIPMENT TAX RATE (AVERAGE VALUE)	0.0
18.	IRRIGATION LABOR MULTIPLIER (HRS/ACIN)	0.1000
19.	FACTOR TO CONVERT MACHINE HRS TO TRACTOR HRS	1.1000
20.	FACTOR TO CONVERT TRACTOR HRS TO LABOR HRS	1.2000
21.	FACTOR TO CONVERT SELF-POWERED MACHINERY HRS TO LABOR HRS	1.2500
22.	LUBRICATION COST MULTIPLE OF MACHINERY FUEL COSTS	0.1000
23.	INFLATION RATE	0.0
24.	LUBRICATION COST MULTIPLE OF EQUIPMENT FUEL COSTS	0.0500

LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 12

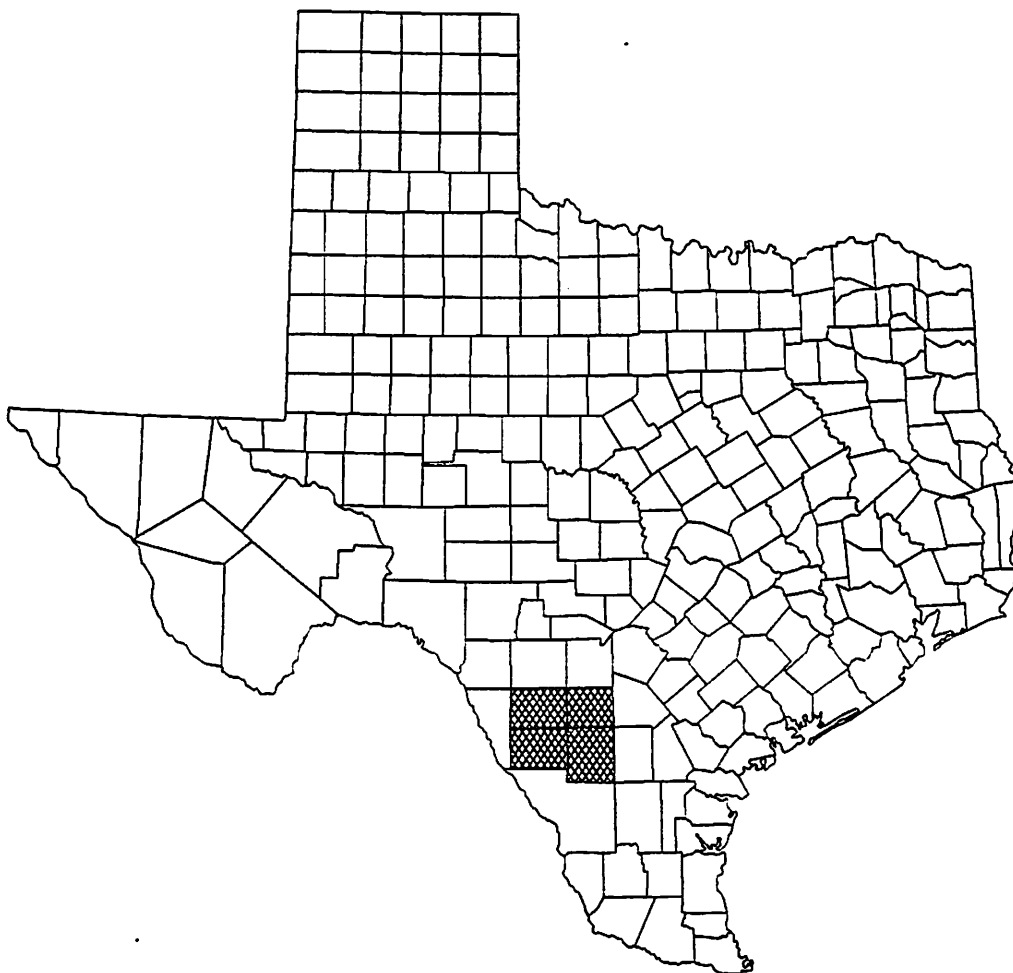
DATE: 110684

MACHINE	1 CODE NO.	2 WIDTH (FT)	3 LIST PRICE	4 SPEED (MPH)	5 FIELD EFF.	6 RC1	7 AGE (HRS)	8 RC3	9 ANNUAL HRS	10 YEARS OWNED	11 RFV1	12 RFV2	13 PURCH PRICE	14 FUEL TYPE	15 LIFE (HRS)	16 HP
TRACTOR	1.	150.0	53250.	4.5	0.88	1.20	0.	1.60	500.	7.	0.68	0.92	47925.	3.	12000.	150.
TRACTOR	2.	125.0	47650.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	42900.	3.	12000.	125.
TRACTOR	3.	100.0	39050.	4.5	0.88	1.20	0.	1.60	500.	7.	0.68	0.92	35150.	3.	12000.	100.
TRACTOR	4.	75.0	25450.	4.5	0.88	1.20	0.	1.60	300.	7.	0.68	0.92	22900.	3.	12000.	75.
TRACTOR	5.	40.0	14975.	4.5	0.88	1.20	0.	1.60	300.	7.	0.68	0.92	13475.	3.	12000.	40.
TRACTOR 4 MH DR	6.	225.0	92725.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	83450.	3.	12000.	225.
PICKUP TRUCK	10.	0.5	10500.	30.0	0.88	0.80	0.	1.60	700.	3.	0.60	0.88	9500.	1.	2800.	30.
PECAN PICKER	19.	36.0	10000.	4.0	0.70	0.33	0.	1.60	60.	7.	0.60	0.88	10000.	1.	450.	25.
PECAN PICKER	20.	36.0	10000.	4.0	0.70	0.33	0.	1.60	30.	7.	0.60	0.88	10000.	1.	450.	25.
SHREDDER	30.	14.0	5180.	3.7	0.80	0.60	0.	1.80	200.	7.	0.60	0.88	4750.	0.	2000.	0.
MOLDBOARD PLOW	32.	5.3	6480.	4.5	0.80	1.00	0.	1.30	100.	7.	0.60	0.88	6480.	0.	2000.	0.
CHISEL PLOW	33.	15.0	3780.	4.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	3780.	0.	2000.	0.
OFFSET DISC	34.	12.0	6590.	4.8	0.83	0.65	0.	1.80	100.	7.	0.60	0.88	6590.	0.	2000.	0.
OFFSET DISC	35.	8.0	3800.	5.0	0.80	0.65	0.	1.80	50.	7.	0.60	0.88	3800.	0.	2000.	0.
BEDDER 6R	36.	20.0	3780.	4.5	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	1760.	0.	2000.	0.
ROLLING CULT 4R	37.	12.0	2700.	3.5	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	2700.	0.	2000.	0.
ROLLING CULT 6R	38.	18.0	3780.	3.5	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	3780.	0.	2000.	0.
CULTIVATOR 4R	39.	12.0	3025.	5.0	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	2590.	0.	2000.	0.
CULTIVATOR 6R	40.	18.0	3240.	5.0	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	3240.	0.	2000.	0.
PLANTER 4R	41.	13.3	5180.	4.5	0.60	0.80	0.	1.60	75.	7.	0.60	0.88	5180.	0.	1200.	0.
PLANTER 6R	42.	18.0	6480.	4.5	0.60	0.80	0.	1.60	75.	7.	0.60	0.88	6480.	0.	1200.	0.
FIELD CULTIVATOR	43.	15.0	3780.	6.0	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	3780.	0.	2000.	0.
STANHAY PLANTER	44.	13.3	3240.	4.5	0.60	0.80	0.	1.80	75.	7.	0.60	0.88	3240.	0.	1200.	0.
GRAIN DRILL	46.	14.0	3890.	4.0	0.72	0.75	0.	1.80	50.	7.	0.60	0.88	3890.	0.	1000.	0.
BED SHAPER 6R	48.	12.0	2700.	4.5	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	1950.	0.	2000.	0.
LAND PLANE	50.	12.0	6480.	6.0	0.60	0.60	0.	1.80	100.	7.	0.60	0.88	6480.	0.	2500.	0.
TANDEM DISK	58.	14.0	4320.	4.5	0.83	0.65	0.	1.80	100.	7.	0.60	0.88	4320.	0.	2000.	0.
DRY FERT SPRDER	60.	20.0	2700.	4.0	0.67	1.20	0.	1.80	50.	7.	0.60	0.88	2700.	0.	1200.	0.
ANHYDROUS SPRDER	61.	18.0	1.	5.0	0.80	1.20	0.	1.80	100.	1.	1.00	1.00	1.	0.	1200.	0.
HERBICIDE SPRAYR	62.	6.0	3000.	4.0	0.65	1.00	0.	1.80	35.	7.	0.60	0.88	2900.	0.	1200.	0.
HERBICIDE SPRAYR	63.	12.0	1300.	4.0	0.65	1.00	0.	1.80	35.	7.	0.60	0.88	1300.	0.	1200.	0.
ROD WEEDER	65.	16.0	1190.	5.0	0.80	1.00	0.	1.80	100.	10.	0.60	0.88	1080.	0.	2000.	0.
PEANUT DIG SHK2R	66.	6.7	3240.	2.5	0.60	1.00	0.	1.30	250.	12.	0.60	0.88	1300.	0.	3000.	0.
PEANUT COMB. 4R	67.	13.3	16200.	2.5	0.60	0.50	0.	1.80	250.	12.	0.60	0.88	16200.	0.	3000.	0.
PEANUT PLANTER	68.	12.7	5400.	4.5	0.60	0.80	0.	1.60	75.	10.	0.60	0.88	5400.	0.	1200.	0.
HARROW SPIKE	73.	24.0	1620.	4.5	0.80	0.65	0.	1.80	35.	10.	0.60	0.88	1620.	0.	2000.	0.
SPRAYER H. SPEED	83.	150.0	5500.	0.3	0.70	0.80	0.	1.60	200.	7.	0.60	0.88	5500.	0.	2000.	0.
SPRAYR HYDRAULIC	84.	150.0	1500.	0.3	0.70	0.80	0.	1.60	200.	7.	0.60	0.88	1000.	0.	3000.	0.
PECAN SHAKER HYD	87.	10.5	4200.	6.0	0.60	0.33	0.	1.60	140.	10.	0.60	0.88	3800.	0.	1500.	0.
PECAN SHAKER	88.	10.5	4200.	6.0	0.60	0.33	0.	1.60	70.	10.	0.60	0.88	3800.	0.	1500.	0.

TEXAS LIVESTOCK ENTERPRISE BUDGETS

TEXAS WINTER GARDEN REGION

Projected for 1985



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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.

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COW-CALF PRODUCTION TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER COW
 UNIMPROVED BRUSH COUNTRY

INVESTMENT REQUIREMENTS				PROJECTED		YOUR	
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE	
COW RAISED	1.00	HEAD	1.00	550.00	550.00		
BULL PURCHASED	0.05	HEAD	1.00	875.00	43.75		
HEIFER RAISED	0.13	HEAD	1.00	540.00	70.20		
HORSE	0.01	HEAD	1.00	503.91	4.03		
TOTAL LIVESTOCK INVESTMENT					\$ 667.98	\$	
PRODUCTION				PROJECTED			
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN		
STEER CALVES	0.40	4.50	1.8 CWT.	76.00	136.80		
HEIFER CALVES	0.27	4.10	1.1 CWT.	67.00	74.17		
CULL COWS	0.10	9.50	0.9 CWT.	38.75	36.81		
DEER LEASE	22.00	1.00	22.0 ACRE	2.50	55.00		
TOTAL PROJECTED RETURNS					\$ 302.78	\$	
OPERATING INPUTS				PROJECTED			
		INPUT USE	UNIT	\$/UNIT	COST		
SALT & MIN.		50.00	LB.	0.30	15.00		
VET MEDICINE		2.00	DOL.	5.00	10.00		
COTTONSEED CAKE		180.00	LB.	0.13	23.40		
SALES COMM		0.77	HEAD	9.00	6.93		
CUSTOM HAULING		0.77	HEAD	8.00	6.16		
WATER FACIL REPR		1.00	HEAD	2.00	2.00		
MISC EXPENSE		1.00	DOL.	5.00	5.00		
EQUIPMENT FUEL AND LUBE					4.08		
EQUIPMENT REPAIR					1.02		
TOTAL OPERATING COST					\$ 73.59	\$	
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 229.19	\$	
CAPITAL INVESTMENT				QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL		-20.86	DOL.	0.145		-3.03	
EQUIPMENT INVESTMENT		54.15	DOL.	0.145		7.85	
LIVESTOCK INVESTMENT		667.98	DOL.	0.145		96.86	
TOTAL CAPITAL COST						\$ 101.68	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ 127.50	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST			
EQUIPMENT					9.06		
LIVESTOCK					14.08		
TOTAL OWNERSHIP COST					\$ 23.14	\$	
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT						\$ 104.37	\$
OPERATOR LABOR COSTS				LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST
EQUIPMENT		1.75	hour	4.00		7.00	
LIVESTOCK		7.50	hour	4.00		30.00	
TOTAL LABOR COST						\$ 37.00	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT						\$ 67.37	\$
LAND COSTS				INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST
PASTURE RENT		22.00	acre	3.50		77.00	
TOTAL LAND COST						\$ 77.00	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT						\$ -9.63	\$
TOTAL PROJECTED COST OF PRODUCTION						\$ 312.42	\$

SPRING CALVING, 80% CALF CROP, 3% DEATH LOSS ON COWS,
 13% REPLACEMENT RATE, 10,000 ACRE RANCH, 450 ANIMAL UNITS.

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COW-CALF PRODUCTION TEXAS WINTER GARDEN REGION
1985 PROJECTED COSTS AND RETURNS PER COW
UNIMPROVED BRUSH COUNTRY

	1	2	3	4	5	6	7	8	9	10	11	12	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	-2.09	-1.29	-0.99	0.44	-1.39	-0.38	0.92	2.25	-12.68	0.55	-3.44	-2.76	-20.86
	(HOURS)												TOTAL
LABOR REQUIREMENTS													
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	1.75
LIVESTOCK LABOR	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	7.50
TOTAL LABOR	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	9.25

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLO (%)
STOCK TRAILER	1	214.00	208.36	14.37	0.0	13.00	0.0	0.0	436.73	13.00	0.0	0.002
STOCK SPRAYER	2	90.00	86.27	5.95	0.0	10.00	0.0	0.0	182.22	10.00	0.0	0.002
TACK	3	45.00	43.14	2.98	0.0	5.00	0.0	0.0	91.11	5.00	0.0	0.002
FENCE	4	83.33	78.54	5.42	0.0	4.17	0.0	0.0	167.29	4.17	0.0	0.002
PICKUP TRUCK	10	1057.14	917.64	63.29	0.0	252.00	1554.00	77.70	2038.07	1883.70	700.00	0.002
COW RAISED	51	0.0	79.75	5.50	2.75	0.0	0.0	0.0	88.00	0.0	0.0	1.000
BULL PURCHASED	54	70.00	126.87	8.75	4.37	0.0	0.0	0.0	210.00	0.0	0.0	0.050
HEIFER RAISED	55	0.0	78.30	5.40	2.70	0.0	0.0	0.0	86.40	0.0	0.0	0.130
HORSE	95	70.31	73.07	5.04	2.52	9.38	0.0	0.0	150.94	9.38	0.0	0.008

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. (%LP)	9 REPAIR (%LP)	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
STOCK TRAILER	1.	16.	CMT.	2.	2600.	2400.	10.	0.10	0.05	0.0	0.0	0.0	0.0	0.0	0.0
STOCK SPRAYER	2.	150.	GAL.	2.	1000.	1000.	10.	0.10	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	3.	1.	DOL.	2.	500.	500.	10.	0.10	0.10	0.0	0.0	0.0	0.0	0.0	0.0
FENCE	4.	1.	MILE	2.	1000.	1000.	12.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	HEAD	1.	550.	550.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL PURCHASED	54.	1.	HEAD	1.	1050.	1050.	6.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	540.	540.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	95.	1.	HEAD	1.	750.	750.	8.	0.25	0.10	0.0	0.0	0.0	0.0	0.0	0.0

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COW-CALF PRODUCTION TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER COW
 ONE-THIRD IMPROVED AND TWO-THIRDS UNIMPROVED PASTURE

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
COW RAISED	1.00	HEAD	1.00	550.00	550.00	
BULL PURCHASED	0.04	HEAD	1.00	875.00	35.00	
HEIFER RAISED	0.13	HEAD	1.00	540.00	70.20	
HORSE	0.01	HEAD	1.00	503.91	4.03	
TOTAL LIVESTOCK INVESTMENT					\$ 659.23	\$
PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
STEER CALVES	0.43	4.80	2.0 CWT.	76.00	155.04	
HEIFER CALVES	0.30	4.30	1.3 CWT.	67.00	84.99	
CULL COWS	0.10	9.75	1.0 CWT.	38.75	37.78	
DEER LEASE	18.00	1.00	18.0 ACRE	2.50	45.00	
TOTAL PROJECTED RETURNS					\$ 322.81	\$
OPERATING INPUTS				PROJECTED		
	INPUT USE	UNIT		\$/UNIT	COST	
SALT & MIN.	50.00	LB.		0.30	15.00	
VET MEDICINE	2.00	DOL.		5.00	10.00	
COTTONSEED CAKE	180.00	LB.		0.13	23.40	
SALES COMM	0.83	HEAD		9.00	7.47	
CUSTOM HAULING	0.83	HEAD		8.00	6.64	
WATER FACIL REPR	1.00	HEAD		2.00	2.00	
PASTURE MAINT.	2.00	ACRE		2.00	4.00	
MISC EXPENSE	1.00	DOL.		5.00	5.00	
EQUIPMENT FUEL AND LUBE					6.53	
EQUIPMENT REPAIR					1.43	
TOTAL OPERATING COST					\$ 81.47	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 241.34	\$
CAPITAL INVESTMENT				PROJECTED		
	QUANTITY INVESTED	UNIT	RATE OF RETURN	COST		
ANNUAL OPERATING CAPITAL	-8.56	DOL.	0.145	-1.24		
EQUIPMENT INVESTMENT	66.43	DOL.	0.145	9.63		
LIVESTOCK INVESTMENT	659.23	DOL.	0.145	95.59		
TOTAL CAPITAL COST					\$ 103.98	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 137.37	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED		
				COST		
EQUIPMENT				11.19		
LIVESTOCK				13.25		
TOTAL OWNERSHIP COST					\$ 24.44	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 112.92	\$
OPERATOR LABOR COSTS				PROJECTED		
	LABOR USE	UNIT	RATE OF RETURN	COST		
EQUIPMENT	2.80	HOUR	4.00	11.20		
LIVESTOCK	6.50	HOUR	4.00	26.00		
TOTAL LABOR COST					\$ 37.20	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 75.73	\$
LAND COSTS				PROJECTED		
	INPUT USE	UNIT	RATE OF RETURN	COST		
PASTURE RENT	18.00	ACRE	4.00	72.00		
TOTAL LAND COST					\$ 72.00	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ 3.73	\$
TOTAL PROJECTED COST OF PRODUCTION					\$ 319.08	\$

SPRING CALVING, 85% CALF CROP, 3% DEATH LOSS ON COWS,
 13% REPLACEMENT RATE, 4,500 ACRE RANCH, 250 ANIMAL UNITS.

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**COW-CALF PRODUCTION TEXAS WINTER GARDEN REGION
1985 PROJECTED COSTS AND RETURNS PER COW
ONE-THIRD IMPROVED AND TWO-THIRDS UNIMPROVED PASTURE**

	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	TOTAL
AVER. ANNUAL CAPITAL	-0.59	0.65	0.96	1.95	-0.23	0.76	1.83	3.01	-14.11	0.66	-2.07	-1.37	-8.56
(DOLLARS)													
LABOR REQUIREMENTS	(HOURS)												TOTAL
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	2.80
LIVESTOCK LABOR	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	6.50
TOTAL LABOR	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	9.30

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR												
EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
STOCK TRAILER	1	214.00	208.36	14.37	0.0	13.00	0.0	0.0	436.73	13.00	0.0	0.003
STOCK SPRAYER	2	90.00	86.27	5.95	0.0	10.00	0.0	0.0	182.22	10.00	0.0	0.003
TACK	3	45.00	43.14	2.98	0.0	5.00	0.0	0.0	91.11	5.00	0.0	0.003
FENCE	4	83.33	78.54	5.42	0.0	4.17	0.0	0.0	167.29	4.17	0.0	0.004
PICKUP TRUCK	10	1057.14	917.64	63.29	0.0	252.00	1554.00	77.70	2038.07	1883.70	700.00	0.004
COW RAISED	51	0.0	79.75	5.50	2.75	0.0	0.0	0.0	88.00	0.0	0.0	1.000
BULL PURCHASED	54	70.00	126.87	8.75	4.37	0.0	0.0	0.0	210.00	0.0	0.0	0.040
HEIFER RAISED	55	0.0	78.30	5.40	2.70	0.0	0.0	0.0	86.40	0.0	0.0	0.130
HORSE	95	70.31	73.07	5.04	2.52	9.38	0.0	0.0	150.94	9.38	0.0	0.008

SELECTED EQUIPMENT COMPLEMENT INFORMATION															
EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. (%LP)	9 REPAIR (%LP)	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
STOCK TRAILER	1.	16.	CWT.	2.	2600.	2400.	10.	0.10	0.05	0.0	0.0	0.0	0.0	0.0	0.0
STOCK SPRAYER	2.	150.	GAL.	2.	1000.	1000.	10.	0.10	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	3.	1.	DOL.	2.	500.	500.	10.	0.10	0.10	0.0	0.0	0.0	0.0	0.0	0.0
FENCE	4.	1.	MILE	2.	1000.	1000.	12.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	HEAD	1.	550.	550.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL PURCHASED	54.	1.	HEAD	1.	1050.	1050.	6.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	540.	540.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	95.	1.	HEAD	1.	750.	750.	8.	0.25	0.10	0.0	0.0	0.0	0.0	0.0	0.0

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COW-CALF PRODUCTION TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER COW
 IMPROVED PASTURE (BUFFEL GRASS)

INVESTMENT REQUIREMENTS				PROJECTED		YOUR	
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE	
COW RAISED	1.00	HEAD	1.00	550.00	550.00		
BULL PURCHASED	0.03	HEAD	1.00	875.00	25.00		
HEIFER RAISED	0.13	HEAD	1.00	540.00	70.20		
HORSE	0.01	HEAD	1.00	503.91	4.03		
TOTAL LIVESTOCK INVESTMENT					\$ 649.23	\$	
PRODUCTION				PROJECTED			
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN		
STEER CALVES	0.45	5.00	2.2 CWT.	76.00	171.00		
HEIFER CALVES	0.32	4.60	1.5 CWT.	67.00	98.62		
CULL COWS	0.10	10.00	1.0 CWT.	38.75	38.75		
TOTAL PROJECTED RETURNS					\$ 308.37	\$	
OPERATING INPUTS				PROJECTED			
	INPUT USE	UNIT		\$/UNIT	COST		
SALT & MIN.	50.00	LB.		0.30	15.00		
VET MEDICINE	2.00	DOL.		5.00	10.00		
COTTONSEED CAKE	200.00	LB.		0.13	26.00		
SALES COMM	0.87	HEAD		9.00	7.83		
CUSTOM HAULING	0.87	HEAD		8.00	6.96		
WATER FACIL REPR	1.00	HEAD		2.00	2.00		
PASTURE MAINT.	3.33	ACRE		2.00	6.67		
MISC EXPENSE	1.00	DOL.		5.00	5.00		
EQUIPMENT FUEL AND LUBE					8.16		
EQUIPMENT REPAIR					1.65		
TOTAL OPERATING COST					\$ 89.26	\$	
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 219.11	\$	
CAPITAL INVESTMENT				QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL	41.48	DOL.		0.145		6.01	
EQUIPMENT INVESTMENT	68.42	DOL.		0.145		9.92	
LIVESTOCK INVESTMENT	649.23	DOL.		0.145		94.14	
TOTAL CAPITAL COST					\$ 110.07	\$	
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 109.04	\$	
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST			
EQUIPMENT					11.60		
LIVESTOCK					12.30		
TOTAL OWNERSHIP COST					\$ 23.90	\$	
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 85.14	\$	
OPERATOR LABOR COSTS				LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST
EQUIPMENT	3.50	HR		4.00		14.00	
LIVESTOCK	6.00	HR		4.00		24.00	
TOTAL LABOR COST					\$ 38.00	\$	
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 47.14	\$	
LAND COSTS				INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST
PASTURE RENT	10.00	ACRE		7.50		75.00	
TOTAL LAND COST					\$ 75.00	\$	
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ -27.86	\$	
TOTAL PROJECTED COST OF PRODUCTION					\$ 336.24	\$	

SPRING CALVING, 90% CALF CROP, 3% DEATH LOSS ON COWS,
 13% REPLACEMENT RATE, 2000 ACRE RANCH, 200 ANIMAL UNITS.

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**COW-CALF PRODUCTION TEXAS WINTER GARDEN REGION
1985 PROJECTED COSTS AND RETURNS PER COW
IMPROVED PASTURE (BUFFEL GRASS)**

	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	TOTAL
AVER. ANNUAL CAPITAL	3.95	5.08	5.83	6.89	4.76	5.55	6.79	7.93	-12.01	1.22	2.39	3.10	41.48
(DOLLARS)													
LABOR REQUIREMENTS	(HOURS)												TOTAL
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	3.50
LIVESTOCK LABOR	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	6.00
TOTAL LABOR	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	9.50

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR												
EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLO (%)
STOCK TRAILER	1	214.00	208.36	14.37	0.0	13.00	0.0	0.0	436.73	13.00	0.0	0.003
STOCK SPRAYER	2	90.00	86.27	5.95	0.0	10.00	0.0	0.0	182.22	10.00	0.0	0.003
TACK	3	45.00	43.14	2.98	0.0	5.00	0.0	0.0	91.11	5.00	0.0	0.003
FENCE	4	83.33	78.54	5.42	0.0	4.17	0.0	0.0	167.29	4.17	0.0	0.005
PICKUP TRUCK	10	1057.14	917.64	63.29	0.0	252.00	1554.00	77.70	2038.07	1883.70	700.00	0.005
COW RAISED	51	0.0	79.75	5.50	2.75	0.0	0.0	0.0	88.00	0.0	0.0	1.000
BULL PURCHASED	54	70.00	126.87	8.75	4.37	0.0	0.0	0.0	210.00	0.0	0.0	0.029
HEIFER RAISED	55	0.0	78.30	5.40	2.70	0.0	0.0	0.0	86.40	0.0	0.0	0.130
HORSE	95	70.31	73.07	5.04	2.52	9.38	0.0	0.0	150.94	9.38	0.0	0.008

SELECTED EQUIPMENT COMPLEMENT INFORMATION															
EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. (%LP)	9 REPAIR (%LP)	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
STOCK TRAILER	1.	16.	CNT.	2.	2600.	2400.	10.	0.10	0.05	0.0	0.0	0.0	0.0	0.0	0.0
STOCK SPRAYER	2.	150.	GAL.	2.	1000.	1000.	10.	0.10	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	3.	1.	DOL.	2.	500.	500.	10.	0.10	0.10	0.0	0.0	0.0	0.0	0.0	0.0
FENCE	4.	1.	MILE	2.	1000.	1000.	12.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	HEAD	1.	550.	550.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL PURCHASED	54.	1.	HEAD	1.	1050.	1050.	6.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	540.	540.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	95.	1.	HEAD	1.	750.	750.	8.	0.25	0.10	0.0	0.0	0.0	0.0	0.0	0.0