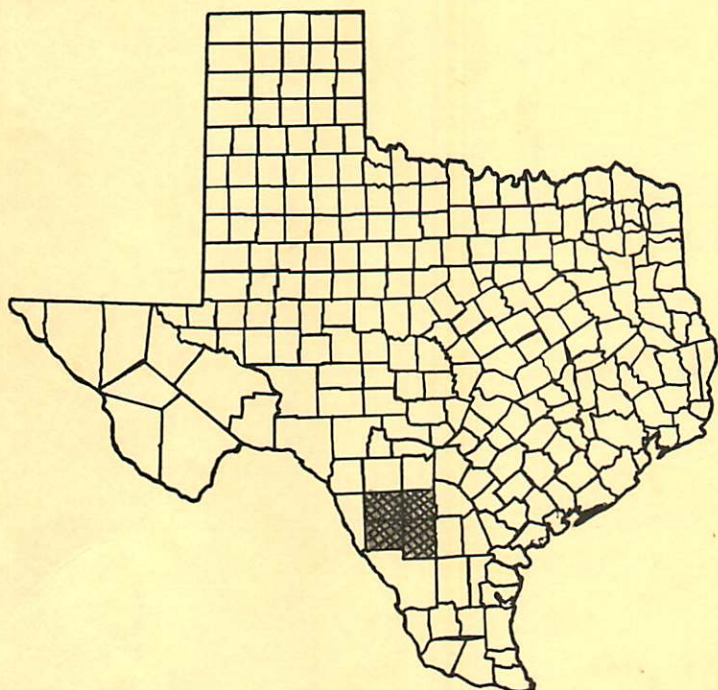


TEXAS WINTER GARDEN

SOIL RESOURCE AREA 12

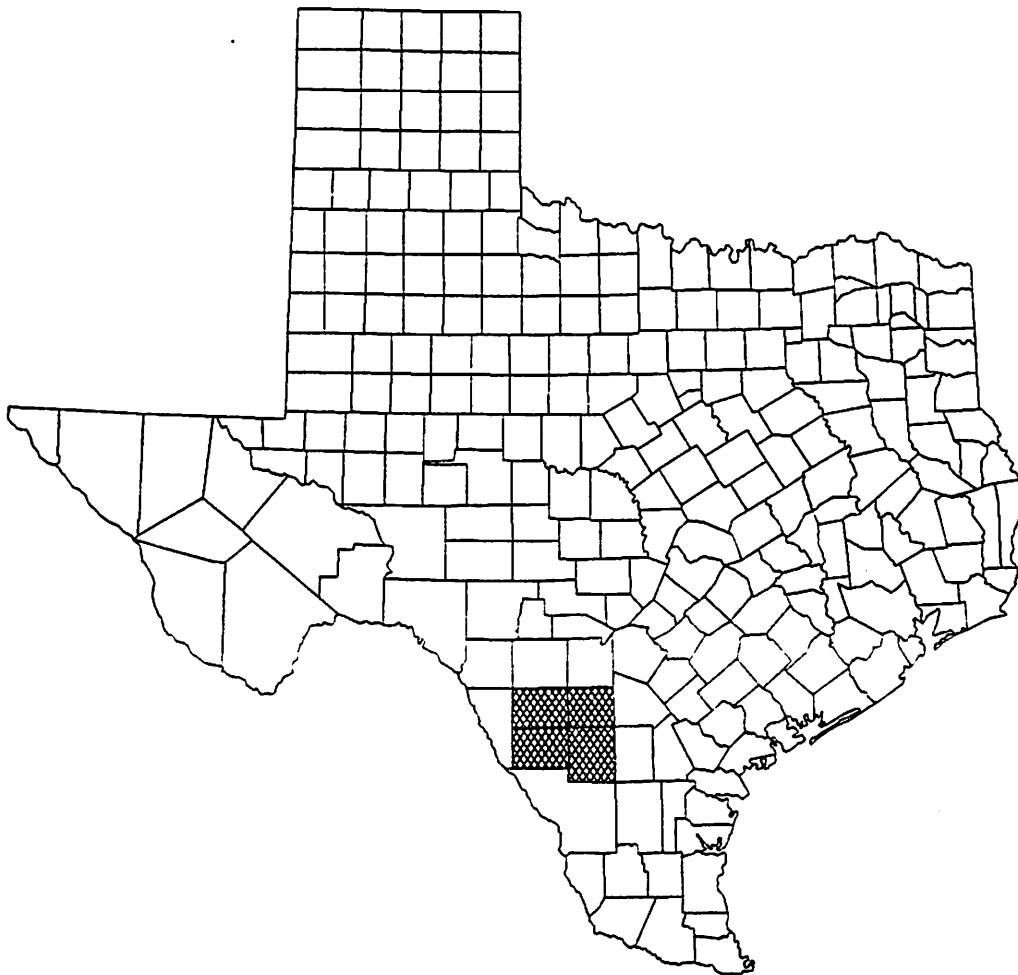


Zavala	Frio
Dimmit	Lasalle

TEXAS CROP ENTERPRISE BUDGETS

TEXAS WINTER GARDEN REGION

Projected for 1985



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**BUFFLE GRASS PASTURE ESTABLISHMENT, (CULTIVATED LAND), DRYLAND
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE**

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
BUFFLE GR. PAST	30.00	DAYS	0.50	15.00	_____
TOTAL PROJECTED RETURNS				\$ 15.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*BUFFLE GRASS SD	1.00	LB.	3.40	3.40	_____
*NITROGEN (DRY)	40.00	LB.	0.26	10.40	_____
*PHOSPHATE	40.00	LB.	0.22	8.80	_____
FUEL & LUBE--TRACTOR		ACRE		4.05	_____
EQUIPMENT		ACRE		0.65	_____
REPAIRS-----TRACTOR		ACRE		0.85	_____
EQUIPMENT		ACRE		1.88	_____
LABOR-----MACHINERY	1.23	HOUR	5.00	6.13	_____
EQUIPMENT	0.28	HOUR	4.00	1.12	_____
OPERATING CAPITAL	26.46	DOL.	0.145	3.84	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 41.12	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 41.12	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.37/DAYS		BUFFLE GR. PAST
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -26.12	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.94	_____
EQUIPMENT		ACRE		14.55	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
MISC ADMIN O/H	0.30	ACRE	16.00	4.80	_____
TOTAL FIXED COSTS		ACRE		\$ 44.28	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 85.40	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.85/DAYS		BUFFLE GR. PAST
6. NET PROJECTED RETURNS		ACRE		\$ -70.40	\$ _____

BUDGET ESTIMATE BASED ON CONVERTING FORMERLY CULTIVATED LAND INTO IMPROVED BUFFLE GRASS PASTURE.

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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BUFFLE GRASS PASTURE ESTABLISHMENT, (CULTIVATED LAND), DRYLAND
 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
MOLDBOARD PLOW	4,32	JAN	1.00	0.571	0.432	3.49	2.85	0.0	13.63	19.98
OFFSET DISC	4,34	JAN	1.00	0.228	0.173	1.14	1.14	0.0	5.48	7.77
PLANTER 6R	4,42	FEB	1.00	0.224	0.170	1.42	1.12	3.40	6.16	12.10
DRY FERT SPRDER	5,60	FEB	1.00	0.203	0.154	0.63	1.02	19.20	3.39	24.24
TOTALS				1.226	0.929	6.68	6.13	22.60	28.67	64.08

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 BUFFLE GR. PAST (DOLLARS)				
		0.40	0.45	0.50	0.55	0.60
QUANTITY OF BUFFLE GR. PAST	DAYS					
	24.00	-31.52	-30.32	-29.12	-27.92	-26.72
	27.00	-30.32	-28.97	-27.62	-26.27	-24.92
	30.00	-29.12	-27.62	-26.12	-24.62	-23.12
	33.00	-27.92	-26.27	-24.62	-22.97	-21.32
	36.00	-26.72	-24.92	-23.12	-21.32	-19.52

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

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BUFFLE GRASS EST. (MARGINAL LAND) DRYLAND
TEXAS WINTER GARDEN REGION
1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
BUFFLE GR. PAST	15.00	DAYS	0.50	7.50	_____
TOTAL PROJECTED RETURNS				\$ 7.50	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
CUSTOM ROOT PLOW	1.00	ACRE	45.00	45.00	_____
BUFFLE GRASS SD	1.00	LB.	3.40	3.40	_____
FUEL & LUBE--TRACTOR		ACRE		0.50	_____
EQUIPMENT		ACRE		0.65	_____
REPAIRS-----TRACTOR		ACRE		0.12	_____
EQUIPMENT		ACRE		0.33	_____
LABOR-----MACHINERY	0.26	HOUR	5.00	1.31	_____
EQUIPMENT	0.28	HOUR	4.00	1.12	_____
OPERATING CAPITAL	48.88	DOL.	0.145	7.09	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 59.52	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 59.52	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 3.97/DAYS		BUFFLE GR. PAST
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -52.02	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		2.02	_____
EQUIPMENT		ACRE		1.85	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
MISC ADMIN O/H	0.30	ACRE	16.00	4.80	_____
TOTAL FIXED COSTS		ACRE		\$ 18.67	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 78.19	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.21/DAYS		BUFFLE GR. PAST
6. NET PROJECTED RETURNS		ACRE		\$ -70.69	\$ _____

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BUFFEL GRASS EST. (MARGINAL LAND) DRYLAND
 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	5,30	JUNE	1.00	0.263	0.199	0.85	1.31	0.0	3.05	5.22
TOTALS				0.263	0.199	0.85	1.31	0.0	3.05	5.22

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 BUFFLE GR. PAST (DOLLARS)				
		0.40	0.45	0.50	0.55	0.60
QUANTITY OF BUFFLE GR. PAST	DAYS					
	12.00	-54.72	-54.12	-53.52	-52.92	-52.32
	13.50	-54.12	-53.45	-52.77	-52.10	-51.42
	15.00	-53.52	-52.77	-52.02	-51.27	-50.52
	16.50	-52.92	-52.10	-51.27	-50.45	-49.62
	18.00	-52.32	-51.42	-50.52	-49.62	-48.72

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

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BUFFLE GRASS PASTURE, DRYLAND
TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
BUFFLE GR. PAST	48.00	DAYS	0.50	24.00	_____
TOTAL PROJECTED RETURNS				\$ 24.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
FUEL & LUBE--TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.49	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.08	_____
LABOR-----MACHINERY	0.0	HOUR	5.00	0.0	_____
EQUIPMENT	0.21	HOUR	4.00	0.84	_____
OTHER	0.40	HOUR	4.00	1.60	_____
OPERATING CAPITAL	-12.91	DOL.	0.145	-1.87	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 1.13	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 1.13	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.02/DAYS	BUFFLE GR. PAST	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 22.87	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.61	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
PRORATED ESTABL	70.40	DOL.	0.10	7.04	_____
MISC ADMIN O/H	0.30	ACRE	16.00	4.80	_____
TOTAL FIXED COSTS		ACRE		\$ 22.45	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 23.59	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.49/DAYS	BUFFLE GR. PAST	
6. NET PROJECTED RETURNS		ACRE		\$ 0.41	\$ _____

ESTABLISHMENT COST PRORATED OVER 10 YEARS. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS.

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BUFFLE GRASS PASTURE, DRYLAND
 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
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 BUFFLE GR. PAST (DOLLARS)				
		0.40	0.45	0.50	0.55	0.60
QUANTITY OF BUFFLE GR. PAST	DAYS					
	38.40	14.23	16.15	18.07	19.99	21.91
	43.20	16.15	18.31	20.47	22.63	24.79
	48.00	18.07	20.47	22.87	25.27	27.67
	52.80	19.99	22.63	25.27	27.91	30.55
	57.60	21.91	24.79	27.67	30.55	33.43

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COASTAL BERMUDA PASTURE ESTABLISHMENT, DRYLAND
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
CSTL PAST GRAZNG	100.00	DAYS	0.50	50.00	_____
TOTAL PROJECTED RETURNS				\$ 50.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
SPRIG & SPRIGNG	1.00	ACRE	40.00	40.00	_____
*NITROGEN (DRY)	50.00	LB.	0.26	13.00	_____
*PHOSPHATE	30.00	LB.	0.22	6.60	_____
*HERBICIDE	1.00	ACRE	2.40	2.40	_____
FUEL & LUBE--TRACTOR		ACRE		3.91	_____
EQUIPMENT		ACRE		0.65	_____
REPAIRS-----TRACTOR		ACRE		0.84	_____
EQUIPMENT		ACRE		1.52	_____
LABOR-----MACHINERY	1.35	HOUR	5.00	6.75	_____
EQUIPMENT	0.28	HOUR	4.00	1.12	_____
OPERATING CAPITAL	32.81	DOL.	0.145	4.76	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 81.55	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 81.55	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.82/DAYS		CSTL PAST GRAZNG
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -31.55	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.69	_____
EQUIPMENT		ACRE		13.48	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
MISC ADMIN O/H	0.30	ACRE	16.00	4.80	_____
TOTAL FIXED COSTS		ACRE		\$ 42.97	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 124.52	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 1.25/DAYS		CSTL PAST GRAZNG
6. NET PROJECTED RETURNS		ACRE		\$ -74.52	\$ _____

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COASTAL BERMUDA PASTURE ESTABLISHMENT, DRYLAND
 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
MOLDBOARD PLOW	4,32	FEB	1.00	0.571	0.432	3.49	2.85	0.0	13.63	19.98
OFFSET DISC	4,34	FEB	1.00	0.228	0.173	1.14	1.14	0.0	5.48	7.77
DRY FERT SPRDER	5,60	MAR	1.00	0.203	0.154	0.63	1.02	19.60	3.39	24.64
HERBICIDE SPRAYR	5,63	APR	1.00	0.349	0.264	0.90	1.75	2.40	4.85	9.89
TOTALS				1.351	1.023	6.17	6.75	22.00	27.36	62.28

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 CSTL PAST GRAZNG (DOLLARS)				
		0.40	0.45	0.50	0.55	0.60
QUANTITY OF CSTL PAST GRAZNG	DAYS					
	80.00	-49.55	-45.55	-41.55	-37.55	-33.55
	90.00	-45.55	-41.05	-36.55	-32.05	-27.55
	100.00	-41.55	-36.55	-31.55	-26.55	-21.55
	110.00	-37.55	-32.05	-26.55	-21.05	-15.55
	120.00	-33.55	-27.55	-21.55	-15.55	-9.55

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

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COASTAL BERMUDA PASTURE, DRYLAND
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
CSTL PAST GRAZNG	200.00	DAYS	0.50	100.00	_____
TOTAL PROJECTED RETURNS				\$ 100.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*NITROGEN (DRY)	90.00	LB.	0.26	23.40	_____
*PHOSPHATE	30.00	LB.	0.22	6.60	_____
*HERBICIDE	1.00	ACRE	2.40	2.40	_____
FUEL & LUBE--TRACTOR		ACRE		2.01	_____
EQUIPMENT		ACRE		0.67	_____
REPAIRS-----TRACTOR		ACRE		0.46	_____
EQUIPMENT		ACRE		0.70	_____
LABOR-----MACHINERY	1.01	HOUR	5.00	5.04	_____
EQUIPMENT	0.29	HOUR	4.00	1.14	_____
OPERATING CAPITAL	-16.67	DOL.	0.145	-2.42	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 40.01	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 40.01	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.20/DAYS	CSTL PAST GRAZNG	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 59.99	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		8.04	_____
EQUIPMENT		ACRE		8.64	_____
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_____
PRORATED ESTABL	74.52	ACRE	0.10	7.45	_____
MISC ADMIN O/H	0.30	ACRE	16.00	4.80	_____
TOTAL FIXED COSTS		ACRE		\$ 43.93	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 83.94	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.42/DAYS	CSTL PAST GRAZNG	
6. NET PROJECTED RETURNS		ACRE		\$ 16.06	\$ _____

ESTABLISHMENT COSTS PRO-RATED OVER TEN YEAR PERIOD

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COASTAL BERMUDA PASTURE, DRYLAND
 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
CHISEL PLOW	4,33	FEB	0.25	0.050	0.038	0.27	0.25	0.0	0.82	1.34
HERBICIDE SPRAYR	5,63	FEB	1.00	0.349	0.264	0.90	1.75	2.40	4.85	9.89
DRY FERT SPRDER	5,60	FEB	1.00	0.203	0.154	0.63	1.02	14.40	3.39	19.44
DRY FERT SPRDER	5,60	JUNE	1.00	0.203	0.154	0.63	1.02	7.80	3.39	12.84
DRY FERT SPRDER	5,60	AUG	1.00	0.203	0.154	0.63	1.02	7.80	3.39	12.84
TOTALS				1.009	0.764	3.07	5.04	32.40	15.85	56.36

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 CSTL PAST GRAZNG (DOLLARS)				
		0.40	0.45	0.50	0.55	0.60
QUANTITY OF CSTL PAST GRAZNG	DAYS					
	160.00	23.99	31.99	39.99	47.99	55.99
	180.00	31.99	40.99	49.99	58.99	67.99
	200.00	39.99	49.99	59.99	69.99	79.99
	220.00	47.99	58.99	69.99	80.99	91.99
	240.00	55.99	67.99	79.99	91.99	103.99

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COASTAL BERMUDA PASTURE, ESTABLISHMENT, IRRIGATED
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
CSTL PAST GRAZNG	240.00	DAYS	0.50	120.00	_____
TOTAL PROJECTED RETURNS				\$ 120.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
SPRIG & SPRIGGNG	1.00	ACRE	40.00	40.00	_____
*NITROGEN (DRY)	180.00	LB.	0.26	46.80	_____
*PHOSPHATE	60.00	LB.	0.22	13.20	_____
*HERBICIDE	1.00	ACRE	2.40	2.40	_____
IRRIGATION WATER	16.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		4.69	_____
EQUIPMENT		ACRE		0.65	_____
IRRIGATION		ACRE		80.00	_____
REPAIRS-----TRACTOR		ACRE		1.02	_____
EQUIPMENT		ACRE		1.83	_____
IRRIGATION		ACRE		9.60	_____
LABOR-----MACHINERY	1.76	HOUR	5.00	8.79	_____
IRRIGATION	1.60	HOUR	4.00	6.40	_____
EQUIPMENT	0.28	HOUR	4.00	1.12	_____
OPERATING CAPITAL	68.99	DOL.	0.145	10.00	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 226.49	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 226.49	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.94/DAYS	CSTL PAST GRAZNG	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -106.49	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		17.82	_____
EQUIPMENT		ACRE		17.14	_____
IRRIGATION		ACRE		32.64	_____
LAND-CASH RENT	1.00	ACRE	25.00	25.00	_____
MISC ADMIN O/H	0.50	ACRE	16.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 100.60	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 327.09	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 1.36/DAYS	CSTL PAST GRAZNG	
6. NET PROJECTED RETURNS		ACRE		\$ -207.09	\$ _____

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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COASTAL BERMUDA PASTURE, ESTABLISHMENT, 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
MOLDBOARD PLOW	4,32	FEB	1.00	0.571	0.432	3.49	2.85	0.0	13.63	19.98
OFFSET DISC	4,34	FEB	1.00	0.228	0.173	1.14	1.14	0.0	5.48	7.77
HERBICIDE SPRAYR	5,63	FEB	1.00	0.349	0.264	0.90	1.75	2.40	4.85	9.89
DRY FERT SPRDER	5,60	FEB	1.00	0.203	0.154	0.63	1.02	28.80	3.39	33.84
DRY FERT SPRDER	5,60	JUNE	1.00	0.203	0.154	0.63	1.02	15.60	3.39	20.64
DRY FERT SPRDER	5,60	AUG	1.00	0.203	0.154	0.63	1.02	15.60	3.39	20.64
TOTALS				1.757	1.331	7.43	8.79	62.40	34.14	112.76

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	FEB	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	APR	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	JUNE	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	AUG	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	0.0	32.64	128.64

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 CSTL PAST GRAZNG (DOLLARS)				
		0.40	0.45	0.50	0.55	0.60
QUANTITY OF CSTL PAST GRAZNG	DAYS					
	192.00	-149.69	-140.09	-130.49	-120.89	-111.29
	216.00	-140.09	-129.29	-118.49	-107.69	-96.89
	240.00	-130.49	-118.49	-106.49	-94.49	-82.49
	264.00	-120.89	-107.69	-94.49	-81.29	-68.09
288.00	-111.29	-96.89	-82.49	-68.09	-53.69	

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

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COASTAL BERMUDA PASTURE, 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					
CSTL PAST GRAZNG	600.00	DAYS	0.50	300.00	_____
TOTAL PROJECTED RETURNS				\$ 300.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*NITROGEN (DRY)	300.00	LB.	0.26	78.00	_____
*PHOSPHATE	60.00	LB.	0.22	13.20	_____
*HERBICIDE	1.00	ACRE	2.40	2.40	_____
IRRIGATION WATER	20.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		5.38	_____
EQUIPMENT		ACRE		0.65	_____
IRRIGATION		ACRE		100.00	_____
REPAIRS-----TRACTOR		ACRE		1.13	_____
EQUIPMENT		ACRE		1.19	_____
IRRIGATION		ACRE		12.00	_____
LABOR-----MACHINERY	1.63	HOUR	5.00	8.14	_____
IRRIGATION	2.00	HOUR	4.00	8.00	_____
EQUIPMENT	0.28	HOUR	4.00	1.12	_____
OPERATING CAPITAL	3.60	DOL.	0.145	0.52	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 231.74	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 231.74	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.39/DAYS	CSTL PAST GRAZNG	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 68.26	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		19.87	_____
EQUIPMENT		ACRE		13.16	_____
IRRIGATION		ACRE		40.80	_____
LAND-CASH RENT	1.00	ACRE	40.00	40.00	_____
PRORATED ESTABL	207.09	DOL.	0.10	20.71	_____
MISC ADMIN O/H	0.50	ACRE	16.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 142.54	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 374.28	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.62/DAYS	CSTL PAST GRAZNG	
6. NET PROJECTED RETURNS		ACRE		\$ -74.28	\$ _____

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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COASTAL BERMUDA PASTURE, 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
DRY FERT SPRDER	4,60	FEB	1.00	0.203	0.154	1.03	1.02	28.80	4.49	35.34
HERBICIDE SPRAYR	4,63	FEB	1.00	0.349	0.264	1.59	1.75	2.40	6.73	12.46
SHREDDER	5,30	FEB	1.00	0.263	0.199	0.85	1.31	0.0	3.05	5.22
DRY FERT SPRDER	4,60	MAY	1.00	0.203	0.154	1.03	1.02	15.60	4.49	22.14
DRY FERT SPRDER	4,60	JUNE	1.00	0.203	0.154	1.03	1.02	15.60	4.49	22.14
DRY FERT SPRDER	4,60	JULY	1.00	0.203	0.154	1.03	1.02	15.60	4.49	22.14
DRY FERT SPRDER	4,60	AUG	1.00	0.203	0.154	1.03	1.02	15.60	4.49	22.14
TOTALS				1.628	1.233	7.61	8.14	93.60	32.22	141.56

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	FEB	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16	
WATER APPLICATION	APR	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16	
WATER APPLICATION	JUNE	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16	
WATER APPLICATION	JULY	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16	
WATER APPLICATION	AUG	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16	
TOTALS			20.00	2.000	0.0	112.00	8.00	0.0	40.80	160.80

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

DAYS	PRICE OF CSTL PAST GRAZNG (DOLLARS)				
	0.40	0.45	0.50	0.55	0.60
480.00	-39.74	-15.74	8.26	32.26	56.26
540.00	-15.74	11.26	38.26	65.26	92.26
600.00	8.26	38.26	68.26	98.26	128.26
660.00	32.26	65.26	98.26	131.26	164.26
720.00	56.26	92.26	128.26	164.26	200.26

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

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COASTAL BERMUDA HAY, ESTABLISHMENT, IRRIGATED
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
CSTL BERMUDA HAY	4.00	TON	60.00	240.00	
TOTAL PROJECTED RETURNS				\$ 240.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
SPRIG & SPRIGGING	1.00	ACRE	40.00	40.00	_____
*NITROGEN (DRY)	180.00	LB.	0.26	46.80	_____
*PHOSPHATE	60.00	LB.	0.22	13.20	_____
*HERBICIDE	1.00	ACRE	2.40	2.40	_____
IRRIGATION WATER	16.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		4.69	_____
EQUIPMENT		ACRE		0.65	_____
IRRIGATION		ACRE		80.00	_____
REPAIRS-----TRACTOR		ACRE		1.02	_____
EQUIPMENT		ACRE		1.83	_____
IRRIGATION		ACRE		9.60	_____
LABOR-----MACHINERY	1.76	HOUR	5.00	8.79	_____
IRRIGATION	1.60	HOUR	4.00	6.40	_____
EQUIPMENT	0.28	HOUR	4.00	1.12	_____
OPERATING CAPITAL	72.31	DOL.	0.145	10.49	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 226.97	\$ _____
HARVEST COSTS					
MOW,RAKE,BALE	132.00	BALE	0.90	118.80	_____
CUSTOM HAUL	132.00	BALE	0.15	19.80	_____
SUBTOTAL, HARVEST		ACRE		\$ 138.60	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 365.57	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 91.39/TON		CSTL BERMUDA HAY
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -125.57	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		17.82	_____
EQUIPMENT		ACRE		17.14	_____
IRRIGATION		ACRE		32.64	_____
LAND-CASH RENT	1.00	ACRE	25.00	25.00	_____
MISC ADMIN O/H	0.50	ACRE	16.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 100.60	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 466.17	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$116.54/TON		CSTL BERMUDA HAY
6. NET PROJECTED RETURNS		ACRE		\$ -226.17	\$ _____

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COASTAL BERUDA HAY, ESTABLISHMENT, 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
MOLDBOARD PLOW	4,32	FEB	1.00	0.571	0.432	3.49	2.85	0.0	13.63	19.98
OFFSET DISC	4,34	FEB	1.00	0.228	0.173	1.14	1.14	0.0	5.48	7.77
DRY FERT SPRDER	5,60	FEB	1.00	0.203	0.154	0.63	1.02	28.80	3.39	33.84
HERBICIDE SPRAYR	5,63	APR	1.00	0.349	0.264	0.90	1.75	2.40	4.85	9.89
DRY FERT SPRDER	5,60	JUNE	1.00	0.203	0.154	0.63	1.02	15.60	3.39	20.64
DRY FERT SPRDER	5,60	AUG	1.00	0.203	0.154	0.63	1.02	15.60	3.39	20.64
TOTALS				1.757	1.331	7.43	8.79	62.40	34.14	112.76

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	FEB	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	APR	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	JUNE	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	AUG	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	0.0	32.64	128.64

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 CSTL BERUDA HAY (DOLLARS)				
		48.00	54.00	60.00	66.00	72.00
QUANTITY OF CSTL BERUDA HAY	TON					
	3.20	-184.25	-165.05	-145.85	-126.65	-107.45
	3.60	-178.91	-157.31	-135.71	-114.11	-92.51
	4.00	-173.57	-149.57	-125.57	-101.57	-77.57
	4.40	-168.23	-141.83	-115.43	-89.03	-62.63
	4.80	-162.89	-134.09	-105.29	-76.49	-47.69

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

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COASTAL BERMUDA HAY, IRRIGATED
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
CSTL BERMUDA HAY	10.00	TON	60.00	600.00	
TOTAL PROJECTED RETURNS				\$ 600.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*NITROGEN (DRY)	300.00	LB.	0.26	78.00	
*PHOSPHATE	60.00	LB.	0.22	13.20	
IRRIGATION WATER	20.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		1.55	
EQUIPMENT		ACRE		0.65	
IRRIGATION		ACRE		100.00	
REPAIRS-----TRACTOR		ACRE		0.36	
EQUIPMENT		ACRE		0.72	
IRRIGATION		ACRE		12.00	
LABOR-----MACHINERY	0.81	HOUR	5.00	4.06	
IRRIGATION	2.00	HOUR	4.00	8.00	
EQUIPMENT	0.28	HOUR	4.00	1.12	
OPERATING CAPITAL	11.73	DOL.	0.145	1.70	
SUBTOTAL, PREHARVEST		ACRE		\$ 221.36	\$ _____
HARVEST COSTS					
MOW,RAKE,BALE	333.30	BALE	0.90	299.97	
CUSTOM HAUL	333.30	BALE	0.15	49.99	
SUBTOTAL, HARVEST		ACRE		\$ 349.96	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 571.33	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 57.13/TON		CSTL BERMUDA HAY
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 28.67	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		6.25	
EQUIPMENT		ACRE		8.13	
IRRIGATION		ACRE		40.80	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
PRORATED ESTABL	226.17	DOL.	0.10	22.62	
MISC ADMIN O/H	0.50	ACRE	16.00	8.00	
TOTAL FIXED COSTS		ACRE		\$ 125.81	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 697.14	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 69.71/TON		CSTL BERMUDA HAY
6. NET PROJECTED RETURNS		ACRE		\$ -97.14	\$ _____

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COASTAL BERMUDA HAY, 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
DRY FERT SPRDER	5,60	FEB	1.00	0.203	0.154	0.63	1.02	28.80	3.39	33.84
DRY FERT SPRDER	5,60	MAY	1.00	0.203	0.154	0.63	1.02	15.60	3.39	20.64
DRY FERT SPRDER	5,60	JUNE	1.00	0.203	0.154	0.63	1.02	15.60	3.39	20.64
DRY FERT SPRDER	5,60	JULY	1.00	0.203	0.154	0.63	1.02	15.60	3.39	20.64
TOTALS				0.813	0.616	2.53	4.06	75.60	13.57	95.76

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	APR	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16	
WATER APPLICATION	JULY	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16	
WATER APPLICATION	AUG	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	0.0	8.16	32.16	
TOTALS			20.00	2.000	0.0	112.00	8.00	0.0	40.80	160.80

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 CSTL BERMUDA HAY
 (DOLLARS)

		48.00	54.00	60.00	66.00	72.00
QUANTITY OF CSTL BERMUDA HAY	TON					
	8.00	-117.34	-69.34	-21.34	26.66	74.66
	9.00	-104.33	-50.33	3.67	57.67	111.67
	10.00	-91.33	-31.33	28.67	88.67	148.67
	11.00	-78.33	-12.33	53.67	119.67	185.67
	12.00	-65.32	6.68	78.68	150.68	222.68

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

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FORAGE SORGHUM FOR GRAZE, IRRIGATED
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SORGHUM PASTURE	600.00	DAYS	0.50	300.00	_____
TOTAL PROJECTED RETURNS				\$ 300.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*FORAGE SORG SEED	40.00	LB.	0.32	12.80	_____
*NITROGEN (ANHY)	180.00	LB.	0.13	23.40	_____
*PHOSPHATE	60.00	LB.	0.22	13.20	_____
IRRIGATION WATER	16.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		8.18	_____
EQUIPMENT		ACRE		1.47	_____
IRRIGATION		ACRE		80.00	_____
REPAIRS-----TRACTOR		ACRE		2.66	_____
EQUIPMENT		ACRE		1.30	_____
IRRIGATION		ACRE		9.60	_____
LABOR-----MACHINERY	1.72	HOUR	5.00	8.58	_____
IRRIGATION	1.60	HOUR	4.00	6.40	_____
EQUIPMENT	0.63	HOUR	4.00	2.51	_____
OPERATING CAPITAL	-20.11	DOL.	0.145	-2.92	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 167.19	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 167.19	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.28/DAYS	SORGHUM PASTURE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 132.81	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		20.66	_____
EQUIPMENT		ACRE		12.38	_____
IRRIGATION		ACRE		32.64	_____
LAND-CASH RENT	1.00	ACRE	40.00	40.00	_____
MISC ADMIN O/H	0.50	ACRE	16.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 113.68	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 280.87	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.47/DAYS	SORGHUM PASTURE	
6. NET PROJECTED RETURNS		ACRE		\$ 19.13	\$ _____

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FORAGE SORGHUM FOR GRAZE, 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	NOV	1.00	0.263	0.199	1.89	1.31	0.0	4.20	7.41
CHISEL PLOW	3,33	NOV	1.00	0.202	0.153	1.49	1.01	0.0	3.06	5.57
OFFSET DISC	3,34	NOV	1.20	0.273	0.207	1.92	1.37	0.0	6.30	9.58
LAND PLANE	3,50	NOV	0.20	0.050	0.038	0.34	0.25	0.0	1.15	1.74
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	0.96	0.76	7.80	1.82	11.33
GRAIN DRILL	3,46	FEB	1.00	0.270	0.205	1.97	1.35	12.80	6.76	22.87
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.44	1.02	13.20	4.28	19.93
ANHYDROUS SPRDER	3,61	MAY	1.00	0.151	0.115	0.96	0.76	7.80	1.82	11.33
ANHYDROUS SPRDER	3,61	JULY	1.00	0.151	0.115	0.96	0.76	7.80	1.82	11.33
TOTALS				1.715	1.299	11.92	8.58	49.40	31.21	101.11

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	JUNE	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	JULY	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
WATER APPLICATION	AUG	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	0.0	32.64	128.64

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 SORGHUM PASTURE
 (DOLLARS)

DAYS	PRICE OF SORGHUM PASTURE (DOLLARS)				
	0.40	0.45	0.50	0.55	0.60
480.00	24.81	48.81	72.81	96.81	120.81
540.00	48.81	75.81	102.81	129.81	156.81
600.00	72.81	102.81	132.81	162.81	192.81
660.00	96.81	129.81	162.81	195.81	228.81
720.00	120.81	156.81	192.81	228.81	264.81

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OATS FOR GRAZING, IRRIGATED
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
OATS GRAZING AUD	400.00	DAYS	0.50	200.00	_____
TOTAL PROJECTED RETURNS				\$ 200.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*OATS SEED	64.00	LB.	0.15	9.60	_____
*NITROGEN (ANHY)	120.00	LB.	0.13	15.60	_____
*PHOSPHATE	60.00	LB.	0.22	13.20	_____
IRRIGATION WATER	12.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		3.35	_____
EQUIPMENT		ACRE		1.47	_____
IRRIGATION		ACRE		60.00	_____
REPAIRS-----TRACTOR		ACRE		0.91	_____
EQUIPMENT		ACRE		1.07	_____
IRRIGATION		ACRE		7.20	_____
LABOR-----MACHINERY	1.30	HOUR	5.00	6.51	_____
IRRIGATION	1.20	HOUR	4.00	4.80	_____
EQUIPMENT	0.63	HOUR	4.00	2.51	_____
OPERATING CAPITAL	-4.98	DOL.	0.145	-0.72	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 125.49	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 125.49	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.31/DAYS	OATS GRAZING AUD	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 74.51	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		11.33	_____
EQUIPMENT		ACRE		11.35	_____
IRRIGATION		ACRE		24.48	_____
LAND-CASH RENT	1.00	ACRE	25.00	25.00	_____
MISC ADMIN O/H	0.50	ACRE	16.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 80.16	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 205.65	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.51/DAYS	OATS GRAZING AUD	
6. NET PROJECTED RETURNS		ACRE		\$ -5.65	\$ _____

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OATS FOR GRAZING, 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
CHISEL PLOW	5,33	JULY	1.00	0.202	0.153	0.69	1.01	0.0	2.19	3.89
OFFSET DISC	5,34	AUG	1.20	0.273	0.207	0.83	1.37	0.0	5.11	7.31
LAND PLANE	5,50	AUG	0.20	0.050	0.038	0.14	0.25	0.0	0.93	1.32
ANHYDROUS SPRDER	3,61	SEPT	1.00	0.151	0.115	0.96	0.76	7.80	1.82	11.33
DRY FERT SPRDER	5,60	SEPT	1.00	0.203	0.154	0.63	1.02	13.20	3.39	18.24
GRAIN DRILL	5,46	OCT	1.00	0.270	0.205	0.89	1.35	9.60	5.58	17.43
ANHYDROUS SPRDER	3,61	JAN	1.00	0.151	0.115	0.96	0.76	7.80	1.82	11.33
TOTALS				1.301	0.986	5.10	6.51	38.40	20.85	70.85

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	0.0	8.16	32.16
WATER APPLICATION	FEB	4.00	0.400	0.0	22.40	1.60	0.0	8.16	32.16
TOTALS		12.00	1.200	0.0	67.20	4.80	0.0	24.48	96.48

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF OATS GRAZING AUD	DAYS	PRICE OF OATS GRAZING AUD (DOLLARS)				
		0.40	0.45	0.50	0.55	0.60
320.00		2.51	18.51	34.51	50.51	66.51
360.00		18.51	36.51	54.51	72.51	90.51
400.00		34.51	54.51	74.51	94.51	114.51
440.00		50.51	72.51	94.51	116.51	138.51
480.00		66.51	90.51	114.51	138.51	162.51

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FORAGE SORGHUM HAY, DRYLAND
 TEXAS WINTER GARDEN REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SORGHUM HAY	4.50	TON	65.00	292.50	_____
TOTAL PROJECTED RETURNS				\$ 292.50	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*FORAGE SORG SEED	30.00	LB.	0.32	9.60	_____
*NITROGEN (ANHY)	80.00	LB.	0.13	10.40	_____
*PHOSPHATE	40.00	LB.	0.22	8.80	_____
FUEL & LUBE--TRACTOR		ACRE		7.00	_____
EQUIPMENT		ACRE		0.65	_____
REPAIRS-----TRACTOR		ACRE		2.28	_____
EQUIPMENT		ACRE		1.12	_____
LABOR-----MACHINERY	1.47	HOUR	5.00	7.34	_____
EQUIPMENT	0.28	HOUR	4.00	1.12	_____
OPERATING CAPITAL	-10.19	DOL.	0.145	-1.48	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 46.84	\$ _____
HARVEST COSTS					
MOW,RAKE,BALE	149.00	BALE	0.90	134.10	_____
CUSTOM HAUL	149.00	BALE	0.15	22.35	_____
SUBTOTAL, HARVEST		ACRE		\$ 156.45	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 203.29	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 45.18/TON	SORGHUM HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 89.21	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		17.68	_____
EQUIPMENT		ACRE		10.32	_____
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_____
MISC ADMIN O/H	0.30	ACRE	16.00	4.80	_____
TOTAL FIXED COSTS		ACRE		\$ 47.80	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 251.09	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 55.80/TON	SORGHUM HAY	
6. NET PROJECTED RETURNS		ACRE		\$ 41.41	\$ _____

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FORAGE SORGHUM HAY, DRYLAND
 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	OCT	1.00	0.263	0.199	1.89	1.31	0.0	4.20	7.41
CHISEL PLOW	3,33	NOV	1.00	0.202	0.153	1.49	1.01	0.0	3.06	5.57
OFFSET DISC	3,34	NOV	1.00	0.228	0.173	1.60	1.14	0.0	5.25	7.99
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	0.96	0.76	5.20	1.82	8.73
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.44	1.02	8.80	4.28	15.53
GRAIN DRILL	3,46	FEB	1.00	0.270	0.205	1.97	1.35	9.60	6.76	19.67
ANHYDROUS SPRDER	3,61	MAY	1.00	0.151	0.115	0.96	0.76	5.20	1.82	8.73
TOTALS				1.468	1.112	10.31	7.34	28.80	27.19	73.63

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 SORGHUM HAY	PRICE OF SORGHUM HAY (DOLLARS)				
	52.00	58.50	65.00	71.50	78.00
3.60	15.20	38.60	62.00	85.40	108.80
4.05	22.95	49.28	75.60	101.93	128.25
4.50	30.71	59.96	89.21	118.46	147.71
4.95	38.46	70.64	102.81	134.99	167.16
5.40	46.22	81.32	116.42	151.52	186.62