

HAY PRODUCTION (COASTAL BERNHARDASS ESTABLISHMENT), NORTHEAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	VALUE	ESTIMATE
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1. GROSS RECEIPTS	HAY	70.00	BALE	1.40	98.00
TOTAL PROJECTED RETURNS					98.00

2. VARIABLE COSTS	INPUT USE				
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PREHARVEST COSTS					
FERT (N) APPL'D	180.00	LB.	0.29	52.20	
FERT (P) APPL'D	80.00	LB.	0.27	21.60	
FERT (K) APPL'D	80.00	LB.	0.15	12.00	
*SPRIGS	1.00	ACRE	35.00	35.00	
*HERBICIDE	1.00	ACRE	4.06	4.06	
FUEL & LUBE--TRACTOR		ACRE	3.43	3.43	
EQUIPMENT		ACRE	1.52	1.52	
REPAIRS--TRACTOR		ACRE	0.63	0.63	
EQUIPMENT		ACRE	0.65	0.65	
LABOR-----MACHINERY	0.83	HOUR	4.50	3.71	
EQUIPMENT	0.63	HOUR	4.50	2.84	
OPERATING CAPITAL	64.49	DOL.	0.180	11.61	
SUBTOTAL, PREHARVEST		ACRE		149.24	
HARVEST COSTS					
CUSTOM BALING	70.00	BALE	0.50	35.00	
SUBTOTAL, HARVEST		ACRE		35.00	
TOTAL VARIABLE COSTS		ACRE		184.24	

BREAK-EVEN PRICE, VARIABLE COSTS \$ 2.63/BALE HAY

3. INCOME ABOVE VARIABLE COSTS	ACRE		\$ -86.24
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4. FIXED COSTS

DEPRECIATION, INTEREST, TAXES & INSUR.

TRACTOR	ACRE		7.07
EQUIPMENT	ACRE		3.41
LAND-CASH RENT	ACRE	1.00	35.00
TOTAL FIXED COSTS	ACRE		45.47

5. TOTAL PROJECTED COSTS

BREAK-EVEN PRICE, TOTAL COSTS \$ 3.28/BALE HAY

6. NET PROJECTED RETURNS

ACRE		\$ -131.71
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HAY SOLD IN FIELD.

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PROJECTIONS FOR PLANNING PURPOSES ONLY
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B-1241(C11)

HAY PRODUCTION (COASTAL BERMUDAGRASS ESTABLISHMENT), NORTHEAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

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
TANDEM DISC	H	3,68	MAR	2.00	0.453	0.343	3.44	2.04	35.00	5.96	46.44
SPRAYER	H	5,83	APR	1.00	0.372	0.282	1.08	1.67	4.06	2.86	9.67
TOTALS					0.825	0.625	4.52	3.71	39.06	8.81	56.11

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 HAY (DOLLARS)				
		1.12	1.26	1.40	1.54	1.68
QUANTITY OF HAY	BALE					
	56.00	-114.52	-106.68	-98.84	-91.00	-83.16
	63.00	-110.18	-101.36	-92.54	-83.72	-74.90
	70.00	-105.84	-96.04	-86.24	-76.44	-66.64
	77.00	-101.50	-90.72	-79.94	-69.16	-58.38
	84.00	-97.16	-85.40	-73.64	-61.88	-50.12

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

HAY PRODUCTION (COASTAL BERNUDAGRASS), NORTHEAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
HAY	300.00	BALE	1.80	540.00	
TOTAL PROJECTED RETURNS				\$ 540.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*FERT (N) APPL'D	300.00	LB.	0.29	87.00	
*FERT (P) APPL'D	100.00	LB.	0.27	27.00	
*FERT (K) APPL'D	200.00	LB.	0.15	30.00	
*HERBICIDE	1.00	ACRE	4.06	4.06	
FUEL & LUBE—TRACTOR		ACRE		0.85	
EQUIPMENT		ACRE		1.69	
REPAIRS-----TRACTOR		ACRE		0.12	
EQUIPMENT		ACRE		0.31	
LABOR-----MACHINERY	0.37	HOURL	4.50	1.67	
EQUIPMENT	0.70	HOURL	4.50	3.15	
OPERATING CAPITAL	-31.29	DOL.	0.180	-5.63	
SUBTOTAL, PREHARVEST		ACRE		\$ 150.22	\$
HARVEST COSTS					
CUSTOM BALING	300.00	BALE	0.50	150.00	
SUBTOTAL, HARVEST		ACRE		\$ 150.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 300.22	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.00/BALE HAY		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 239.78	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		2.50	
EQUIPMENT		ACRE		2.20	
LAND-CASH RENT	1.00	ACRE	35.00	35.00	
PRORATED ESTABL	131.71	DOL.	0.10	13.17	
TOTAL FIXED COSTS		ACRE		\$ 52.87	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 353.10	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 1.18/BALE HAY		
6. NET PROJECTED RETURNS		ACRE		\$ 186.90	\$

ESTABLISHMENT COST PRORATED OVER 10 YEARS. HAY SOLD IN FIELD.

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HAY PRODUCTION (COASTAL BERMUDAGRASS), NORTHEAST TEXAS REGION
 1982 PROJECTED COSTS AND RETURNS PER ACRE
 HIGH LEVEL MANAGEMENT

						MACH		APPL.	MACH	TOTAL	
MACHINERY		ITEM	OPER	TIMES	LABOR	MACHINE	OPER	LABOR	INPUT	FIXED	OPER.
OPERATION		NO.	MONTH	OVER	HOURS	HOURS	COSTS	COSTS	COSTS	COSTS	COST
SPRAYER	H	5,83	MAR	1.00	0.372	0.282	1.08	1.67	4.06	2.86	9.67
TOTALS					0.372	0.282	1.08	1.67	4.06	2.86	9.67

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 HAY (DOLLARS)				
		1.44	1.62	1.80	1.98	2.16
QUANTITY OF HAY	BALE					
	240.00	75.38	118.58	161.78	204.98	248.18
	270.00	103.58	152.18	200.78	249.38	297.98
	300.00	131.78	185.78	239.78	293.78	347.78
	330.00	159.98	219.38	278.78	338.18	397.58
	360.00	188.18	252.98	317.78	382.58	447.38

OATS, NORTHEAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED		PROJECTED		YOUR ESTIMATE
	YIELD	UNIT	\$/UNIT	VALUE	
1. GROSS RECEIPTS					
OATS	65.00	BU.	1.80	117.00	
TOTAL PROJECTED RETURNS				\$ 117.00	\$
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN	100.00	LB.	0.29	29.00	
*PHOSPHATE	80.00	LB.	0.27	21.60	
*POTASH	80.00	LB.	0.15	12.00	
*SEED	80.00	LB.	0.24	19.20	
*INSECTICIDE	1.00	APPL	5.31	5.31	
FUEL & LUBE-----TRACTOR		ACRE		5.14	
EQUIPMENT		ACRE		1.69	
REPAIRS-----TRACTOR		ACRE		0.67	
EQUIPMENT		ACRE		0.60	
LABOR-----MACHINERY	1.45	HOUR	4.50	6.51	
EQUIPMENT	0.70	HOUR	4.50	3.15	
OPERATING CAPITAL	55.88	DOL.	0.180	10.06	
SUBTOTAL, PREHARVEST		ACRE		\$ 114.93	\$
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	15.00	15.00	
CUSTOM HAUL	65.00	BU.	0.20	13.00	
SUBTOTAL, HARVEST		ACRE		\$ 28.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 142.93	\$
BREAK-EVEN PRICE, VARIABLE COSTS	\$ 2.20/BU. OATS				
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -25.93	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		13.71	
EQUIPMENT		ACRE		6.81	
LAND-CASH RENT	1.00	ACRE	30.00	30.00	
TOTAL FIXED COSTS		ACRE		\$ 50.52	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 193.44	\$
BREAK-EVEN PRICE, TOTAL COSTS	\$ 2.98/BU. OATS				
6. NET PROJECTED RETURNS		ACRE		\$ -76.44	\$

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OATS, NORTHEAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

						MACH		APPL.		MACH		TOTAL
MACHINERY		ITEM	OPER	TIMES	LABOR	MACHINE	OPER	LABOR	INPUT	FIXED		
OPERATION		NO.	MONTH	OVER	HOURS	HOURS	COSTS	COSTS	COSTS	COSTS		OPER.
												COST
OFFSET DISC	T	4,32	AUG	1.00	0.273	0.207	1.38	1.23	0.0	3.85		6.47
RENTD.FERT.APPL1		5,86	SEPT	1.00	0.104	0.079	0.27	0.47	45.20	0.70		46.63
OFFSET DISC	T	4,32	SEPT	1.00	0.273	0.207	1.38	1.23	0.0	3.85		6.47
GRAIN DRILL	T	4,42	SEPT	1.00	0.378	0.286	2.00	1.70	19.20	5.65		28.55
SPRAYER	T	5,49	OCT	1.00	0.315	0.239	0.90	1.42	5.31	3.92		11.54
RENTD.FERT.APPL1		5,86	FEB	1.00	0.104	0.079	0.27	0.47	17.40	0.70		18.83
TOTALS					1.447	1.096	6.20	6.51	87.11	18.67		118.50

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 OATS (DOLLARS)				
		1.44	1.62	1.80	1.98	2.16
QUANTITY OF OATS	BU.					
	52.00	-65.45	-56.09	-46.73	-37.37	-28.01
	58.50	-57.39	-46.86	-36.33	-25.80	-15.27
	65.00	-49.33	-37.63	-25.93	-14.23	-2.53
	71.50	-41.27	-28.40	-15.53	-2.66	10.21
	78.00	-33.21	-19.17	-5.13	8.91	22.95

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

OATS, NORTHEAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
OATS	110.00	BU.	1.80	198.00	
TOTAL PROJECTED RETURNS				\$ 198.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*NITROGEN	160.00	LB.	0.29	46.40	
*PHOSPHATE	80.00	LB.	0.27	21.60	
*POTASH	80.00	LB.	0.15	12.00	
*SEED	80.00	LB.	0.24	19.20	
*INSECTICIDE	1.00	APPL	5.31	5.31	
FUEL & LUBE--TRACTOR		ACRE		5.50	
EQUIPMENT		ACRE		1.69	
REPAIRS-----TRACTOR		ACRE		0.72	
EQUIPMENT		ACRE		0.86	
LABOR-----MACHINERY	1.56	HOUR	4.50	7.01	
EQUIPMENT	0.70	HOUR	4.50	3.15	
OPERATING CAPITAL	61.02	DOL.	0.180	10.98	
SUBTOTAL, PREHARVEST		ACRE		\$ 134.41	\$
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	15.00	15.00	
CUSTOM HAUL	110.00	BU.	0.20	22.00	
SUBTOTAL, HARVEST		ACRE		\$ 37.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 171.41	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.56/BU.	OATS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 26.59	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.68	
EQUIPMENT		ACRE		4.17	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
TOTAL FIXED COSTS		ACRE		\$ 58.86	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 230.27	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.09/BU.	OATS	
6. NET PROJECTED RETURNS		ACRE		\$ -32.27	\$

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1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

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	H	4,66	AUG	1.00	0.295	0.223	1.59	1.33	0.0	3.85	6.77
RENTD.FERT.APPL1		5,86	SEPT	1.00	0.104	0.079	0.27	0.47	56.80	0.70	58.23
OFFSET DISC	H	4,66	SEPT	1.00	0.295	0.223	1.59	1.33	0.0	3.85	6.77
GRAIN DRILL	H	4,76	SEPT	1.00	0.389	0.295	2.06	1.75	19.20	5.05	28.06
SPRAYER	H	5,83	OCT	1.00	0.372	0.282	1.08	1.67	5.31	2.86	10.92
RENTD.FERT.APPL1		5,86	FEB	1.00	0.104	0.079	0.27	0.47	23.20	0.70	24.63
TOTALS					1.558	1.180	6.87	7.01	104.51	17.01	135.40

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF OATS (DOLLARS)				
		1.44	1.62	1.80	1.98	2.16
QUANTITY OF OATS	BU.					
	88.00	-40.29	-24.45	-8.61	7.23	23.07
	99.00	-26.65	-8.83	8.99	26.81	44.63
	110.00	-13.01	6.79	26.59	46.39	66.19
	121.00	0.63	22.41	44.19	65.97	87.75
	132.00	14.27	38.03	61.79	85.55	109.31

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

SOYBEANS, NORTHEAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
SOYBEANS	25.00	BU.	6.15	153.75	_____
TOTAL PROJECTED RETURNS				\$ 153.75	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*PHOSPHATE	40.00	LB.	0.27	10.80	_____
*POTASH	40.00	LB.	0.15	6.00	_____
*SEED	45.00	LB.	0.24	10.80	_____
*HERBICIDE	1.00	ACRE	8.25	8.25	_____
*INSECTICIDE	2.00	APPL	4.67	9.34	_____
FUEL & LUBE—TRACTOR		ACRE		15.65	_____
EQUIPMENT		ACRE		1.69	_____
REPAIRS-----TRACTOR		ACRE		2.76	_____
EQUIPMENT		ACRE		1.15	_____
LABOR-----MACHINERY	3.05	HOUR	4.50	13.74	_____
EQUIPMENT	0.70	HOUR	4.50	3.15	_____
OPERATING CAPITAL	25.74	DOL.	0.180	4.63	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 87.97	\$ _____
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	15.00	15.00	_____
CUSTOM HAUL	25.00	BU.	0.25	6.25	_____
SUBTOTAL, HARVEST		ACRE		\$ 21.25	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 109.22	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.37/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 44.53	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		31.32	_____
EQUIPMENT		ACRE		12.00	_____
LAND-CASH RENT	1.00	ACRE	30.00	30.00	_____
TOTAL FIXED COSTS		ACRE		\$ 73.32	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 182.54	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.30/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -28.79	\$ _____

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