

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/18/82.

B-1241(C14)

HYBRID SUDAN HAY, DRYLAND, TEXAS GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CHISEL	3,30	OCT	1.00	0.238	0.180	1.91	1.07	0.0	1.90	4.88
DISK-TANDEM	3,34	NOV	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
DISK-TANDEM	3,34	MAR	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
GRAIN DRILL	4,38	APR	1.00	0.344	0.260	2.12	1.55	10.00	5.11	18.79
TOTALS				1.031	0.781	7.35	4.64	10.00	11.14	33.12

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

INCCME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF HAY-SUDAN-SORG (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF HAY-SUDAN-SORG	TON					
	2.80	-22.08	-6.68	8.72	24.12	39.52
	3.15	-17.12	0.20	17.53	34.85	52.18
	3.50	-12.16	7.09	26.34	45.59	64.84
	3.85	-7.20	13.97	35.15	56.32	77.50
	4.20	-2.24	20.86	43.96	67.06	90.16

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

COASTAL BERMUDAGRASS ESTAB., DRYLAND, TEXAS GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS			\$	0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
CUSTOM SPRIGGING	1.00	ACRE	27.00	27.00	
*NITROGEN	60.00	LB.	0.27	16.20	
*PHOSPHATE	40.00	LB.	0.24	9.60	
FERTILIZER APPLI	2.00	ACRE	2.40	4.80	
*HERBICIDE	2.00	APPL	6.00	12.00	
FUEL & LUBE--TRACTOR		ACRE		4.81	
EQUIPMENT		ACRE		2.29	
REPAIRS-----TRACTOR		ACRE		0.87	
EQUIPMENT		ACRE		0.75	
LABOR-----MACHINERY	1.01	HOUR	4.50	4.54	
EQUIPMENT	0.91	HOUR	4.50	4.09	
OPERATING CAPITAL	37.13	DOL.	0.081	3.01	
SUBTOTAL, PREHARVEST		ACRE	\$	89.97	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE	\$	0.0	\$
TOTAL VARIABLE COSTS		ACRE	\$	89.97	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE	\$	-89.97	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		5.98	
EQUIPMENT		ACRE		4.46	
TOTAL FIXED COSTS		ACRE	\$	10.44	\$
5. TOTAL PROJECTED COSTS		ACRE	\$	100.41	\$
6. NET PROJECTED RETURNS		ACRE	\$	-100.41	\$

LAND CHARGES BASED ON RENTAL RATES IN THE REGION.

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

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COASTAL BERMUDAGRASS ESTAB., DRYLAND, TEXAS GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CHISEL	3,30	DEC	1.00	0.238	0.180	1.91	1.07	0.0	1.90	4.88
DISK-TANDEM	3,34	DEC	2.00	0.449	0.340	3.31	2.02	0.0	4.13	9.46
SPRAYER HERBICID	5,40	APR	1.00	0.322	0.244	0.95	1.45	6.00	2.67	11.07
TOTALS				1.009	0.764	6.17	4.54	6.00	8.70	25.41

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COASTAL BERMUDAGRASS PASTURE, DRYLAND, GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS			\$	0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*NITROGEN	60.00	LB.	0.27	16.20	
*PHOSPHATE	30.00	LB.	0.24	7.20	
FERTILIZER APPLI	3.00	ACRE	2.40	7.20	
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		2.47	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.29	
LABOR-----MACHINERY	0.0	HOURL	4.50	0.0	
EQUIPMENT	0.98	HOURL	4.50	4.41	
OPERATING CAPITAL	19.67	DOL.	0.081	1.59	
SUBTOTAL, PREHARVEST		ACRE	\$	39.36	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE	\$	0.0	\$
TOTAL VARIABLE COSTS		ACRE	\$	39.36	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE	\$	-39.36	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		1.88	
LAND-CASH RENT	1.00	ACRE	15.00	15.00	
PRORATED ESTABL	100.41	DOL.	0.07	7.03	
TOTAL FIXED COSTS		ACRE	\$	23.90	\$
5. TOTAL PROJECTED COSTS		ACRE	\$	63.27	\$
6. NET PROJECTED RETURNS		ACRE	\$	-63.27	\$

LAND CHARGE BASED ON PREVAILING RATE IN REGION.
ESTABLISHMENT COST PRORATED OVER 15 YEARS.

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COASTAL BERMUDAGRASS PASTURE, DRYLAND, GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

COASTAL BERMUDAGRASS HAY, DRYLAND, TEXAS GRAND PRAIRIE REGION
 1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COASTAL HAY	3.00	TON	55.00	165.00	
TOTAL PROJECTED RETURNS				\$ 165.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*NITROGEN	60.00	LB.	0.27	16.20	
*PHOSPHATE	40.00	LB.	0.24	9.60	
FERTILIZER APPLI	2.00	ACRE	2.40	4.80	
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		1.76	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.20	
LABOR-----MACHINERY	0.0	HOUR	4.50	0.0	
EQUIPMENT	0.70	HOUR	4.50	3.13	
OPERATING CAPITAL	-1.02	DOL.	0.081	-0.08	
SUBTOTAL, PREHARVEST		ACRE		\$ 35.61	\$
HARVEST COSTS					
CUSTOM BALE HAUL	100.00	BALE	0.90	90.00	
SUBTOTAL, HARVEST		ACRE		\$ 90.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 125.61	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 41.87/TON		COASTAL HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 39.39	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		1.33	
LAND-CASH RENT	1.00	ACRE	15.00	15.00	
PRORATED ESTABL	100.41	DOL.	0.07	7.03	
TOTAL FIXED COSTS		ACRE		\$ 23.36	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 148.97	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 49.66/TON		COASTAL HAY	
6. NET PROJECTED RETURNS		ACRE		\$ 16.03	\$

LAND CHARGE BASED ON RENTAL RATES IN REGION.
 ESTABLISHMENT COST PRORATED OVER 15 YEARS.

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MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
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 COASTAL HAY (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF COASTAL HAY	TON					
	2.40	-2.01	11.19	24.39	37.59	50.79
	2.70	2.19	17.04	31.89	46.74	61.59
	3.00	6.39	22.89	39.39	55.89	72.39
	3.30	10.59	28.74	46.89	65.04	83.19
	3.60	14.79	34.59	54.39	74.19	93.99

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

KLEINGRASS ESTABLISHMENT, DRYLAND, TEXAS GRAND PRAIRIE REGION
 1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS			\$	0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*KLEINGRASS SEED	2.00	LB.	6.75	13.50	
*NITROGEN	80.00	LB.	0.27	21.60	
*PHOSPHATE	40.00	LB.	0.24	9.60	
FERTILIZER APPLI	1.00	ACRE	2.40	2.40	
FUEL & LUBE--TRACTOR		ACRE		5.73	
EQUIPMENT		ACRE		1.59	
REPAIRS-----TRACTOR		ACRE		1.00	
EQUIPMENT		ACRE		0.66	
LABOR-----MACHINERY	1.40	HOUR	4.50	6.30	
EQUIPMENT	0.63	HOUR	4.50	2.84	
OPERATING CAPITAL	15.12	DOL.	0.081	1.23	
SUBTOTAL, PREHARVEST		ACRE	\$	66.44	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE	\$	0.0	\$
TOTAL VARIABLE COSTS		ACRE	\$	66.44	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE	\$	-66.44	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		7.71	
EQUIPMENT		ACRE		3.07	
LAND-CASH RENT	1.00	ACRE	10.00	10.00	
TOTAL FIXED COSTS		ACRE	\$	20.79	\$
5. TOTAL PROJECTED COSTS		ACRE	\$	87.23	\$
6. NET PROJECTED RETURNS		ACRE	\$	-87.23	\$

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