SOYBEANS, DRYLAND, TEXAS UPPER GULF COAST REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL 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
DISK TANDEM	2,35	JAN	1.00	0.150	0.114	1.47	0.76	0.0	2.42	4.65
DISK TANDEM	2,35	FEB	1.00	0.150	0.114	1.47	0.76	0.0	2.42	4.65
LAND PLANE6	2,56	FEB	1.00	0.242	0.183	2.10	1.22	0.0	3.48	6.80
DISK TANDEM	2,35	APR	1.00	0.150	0.114	1.47	0.76	0.0	2.42	4.65
BEDDER	2,59	APR	1.00	0.340	0.258	2.92	1.72	0.0	3.37	8.01
BEDDER	2,59	MAY	1.00	0.340	0.258	2.92	1.72	0.0	3.37	8.01
BED PLANTER	2,43	MAY	1.00	0.387	0.293	3.44	1.96	13.65	4.36	23.40
BLADE (DOZER)	4,30	MAY	1.00	0.332	0.252	1.96	1.68	0.0	4.00	7.64
ROLL CULTIVATOR	2,41	MAY	1.00	0.211	0.160	1.77	1.07	0.0	2.34	5.17
ROLL CULTIVATOR	2,41	JUNE	2.00	0.421	0.319	3.54	2.13	0.0	4.67	10.34
ROLL CULTIVATOR	2,41	JULY	1.00	0.211	0.160	1.77	1.07	0.0	2.34	5.17
BLADE (DOZER)	4,30	AUG	1.00	0.332	0.252	1.96	1.68	0.0	4.00	7.64
COMBINE - SB	18	OCT	0.50	0.187	0.149	1.95	0.95	0.0	7.98	10.88
GRAIN CART	2,92	OCT	0.50	0.282	0.214	2.25	1.43	0.0	2.73	6.41
TRUCK.	11	OCT	0.12	0.150	0.120	0.26	0.76	0.0	0.97	1.99
DISK TANDEM	2,35	NOV	1.00	0.150	0.114	1.47	0.76	0.0	2.42	4.65
COMBINE - SB	18	NOV	0.50	0.187	0.149	1.95	0.95	0.0	7.98	10.88
GRAIN CART	2,92	NOV	0.50	0.282	0.214	2.25	1.43	0.0	2.73	6.41
TRUCK.	11	NOV	0.12	0.150	0.120	0.26	0.76	0.0	0.97	1.99
TOTALS				4.654	3.555	37.18	23.55	13.65	64.95	139.34

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 SOYBEANS (DOLLARS)

QUANTITY OF SOYBEANS (BU.)	4.80	5.40	6.00	6.60	7.20
19.60	-39.76	-29.65	-19.54	-9.42	0.69
22.05	-30.56	-19.18	-7.80	3.58	14.95
24.50	-21.35	-8.71	3.93	16.58	29.22
26.95	-12.14	1.76	15.67	29.58	43.48
29.40	-2.94	12.23	27.40	42.58	57.75

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

SOYBEANS, DRYLAND, TEXAS UPPER GULF COAST REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SOYBEANS	32.00	BU.	6.00	192.00	
TOTAL PROJECTED RETURNS				$ 192.00	$
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SOYBEAN SEED	65.00	LB.	0.21	13.65	
NITROGEN	6.00	LB.	0.27	1.62	
PHOSPHATE	29.00	LB.	0.23	6.67	
POTASH	34.00	LB.	0.14	4.76	
HERBICIDE	0.46	ACRE	19.12	8.80	
CUST AIR FUNGIC.	1.00	ACRE	7.10	7.10	
*INSECTICIDE	2.00	ACRE	3.87	7.74	
CUST AIR INSECT	2.00	ACRE	3.10	6.20	
CUST AIR FUNG	2.00	ACRE	3.50	7.00	
FUEL & LUBE--TRACTOR		ACRE		20.20	
REPAIRS------TRACTOR		ACRE		4.31	
EQUIPMENT		ACRE		3.75	
LABOR--------MACHINERY	3.42	HOUR	5.06	17.29	
EQUIPMENT	0.00	HOUR	4.50	0.00	
OPERATING CAPITAL	31.05	DOL.	0.160	4.97	
SUBTOTAL, PREHARVEST		ACRE		$ 114.05	$
HARVEST COSTS					
DRY & STORAGE	32.00	BU.	0.25	8.00	
CUSTOM HAUL	32.00	BU.	0.12	3.84	
FUEL & LUBE--TRACTOR		ACRE		3.62	
EQUIPMENT		ACRE		1.86	
REPAIRS------TRACTOR		ACRE		0.81	
EQUIPMENT		ACRE		1.75	
LABOR--------MACHINERY	1.24	HOUR	5.06	6.26	
SUBTOTAL, HARVEST		ACRE		$ 26.15	$
TOTAL VARIABLE COSTS		ACRE		$ 140.20	$
BREAK-EVEN PRICE, VARIABLE COSTS		$ 4.38/BU.	SOYBEANS		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 51.80	$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		36.73	
EQUIPMENT		ACRE		29.71	
LAND---NET SHARE-RENT		ACRE		26.88	
TOTAL FIXED COSTS		ACRE		$ 93.31	$
5. TOTAL PROJECTED COSTS		ACRE		$ 233.51	$
BREAK-EVEN PRICE, TOTAL COSTS		$ 7.30/BU.	SOYBEANS		
6. NET PROJECTED RETURNS		ACRE		$ -41.51	$

LAND RENT IS 1/7 OF GROSS INCOME.

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.

SOYBEANS, DRYLAND, TEXAS UPPER GULF COAST REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

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TRUCK.	11	OCT	0.12	0.150	0.120	0.26	0.76	0.0	0.97	1.99
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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 SOYBEANS (DOLLARS)

	BU.	4.80	5.40	6.00	6.60	7.20
	25.60	-32.15	-18.94	-5.73	7.48	20.69
	28.80	-20.13	-5.27	9.60	24.46	39.32
QUANTITY OF SOYBEANS	32.00	-8.10	8.41	24.92	41.44	57.95
	35.20	3.92	22.09	40.25	58.41	76.58
	38.40	15.95	35.76	55.58	75.39	95.21

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

LISTING OF THE NAME SET AND PRICE VECTOR REGION NUMBER: 22 DATE: 021782

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
7[illegible]	GRAIN SORGHUM	GRSG	CWT.	4.75	526	HERBICIDE	SB	ACRE	24.11
93	COTTON LINT	COTT	LB.	0.57	527	CUST AIR FUNGIC.	SB	ACRE	7.10
94	COTTONSEED	COTT	TON	100.00	528	CUST AIR INSECT	SB	ACRE	3.10
98	SOYBEANS	SOYB	BU.	6.00	529	INSECTICIDE	SB	ACRE	7.65
186	GRAIN SORG. SEED		LB.	0.72	530	DRY & STORAGE	SB	BU.	0.25
189	SOYBEAN SEED	SOYB	LB.	0.21	531	HAUL	SB	BU.	0.21
192	SOYBEAN SEED		LB.	0.33	532	CUST AIR INSECT	RICE	ACRE	3.10
211	NITROGEN		LB.	0.27	533	CUST AIR FUNG	RICE	ACRE	3.25
215	PHOSPHATE		LB.	0.23	536	CUST AIR FUNG	SOYB	ACRE	3.50
220	POTASH		LB.	0.14	538	N & P & K		ACRE	21.75
222	CUST AIR FERT	RICE	CWT.	2.65	539	FUNGICIDE	RICE	ACRE	10.00
223	CUST AIR HERB	RICE	ACRE	2.85	540	FUNGICIDE	SB	ACRE	10.75
224	CUST AIR SEED	RICE	CWT.	3.25					
225	CUSTOM HAUL	RICE	CWT.	0.20					
226	CUSTOM DRY	RICE	CWT.	0.70					
233	INSECTICIDE	SOYB	ACRE	3.87					
234	FURADAN		LB.	0.48					
241	INSECTICIDE	RICE	ACRE	6.80					
247	PROPANIL-ORDRAM		ACRE	16.50					
248	HERB. PREMERGE		ACRE	7.80					
249	HERB, POSTEMERGE		ACRE	7.50					
250	HERBICIDE	SOYB	ACRE	19.12					
285	CUSTOM HAUL	SOYB	BU.	0.12					
291	SEED (UPLAND)	COTT	LB.	0.49					
293	COMBINE & HAUL	SORG	CWT.	0.75					
5[illegible]	BIDRIN	COTT	ACRE	1.30					
502	GUTHION	COTT	ACRE	2.12					
503	TOX-METHYL	COTT	ACRE	5.72					
504	CUST AIR INSECT	COTT	ACRE	2.20					
505	SEED	RICE	CWT.	23.00					
506	CUST HARV & HAUL	COTT	CWT.	13.00					
507	GIN, BAG, ETC	COTT	BALE	50.62					
508	WANNATE	GS	ACRE	13.24					
509	HERBICIDE	GS	ACRE	6.35					
510	CUST AIR INSECT.	SORG	ACRE	3.10					
511	DRYING	SORG	CWT.	0.30					
512	1ST CROP	RICE	CWT.	10.00					
513	2ND CROP	RICE	CWT.	10.00					
514	SEED	RICE	CWT.	25.00					
515	INSECTICIDE	RICE	ACRE	5.00					
516	PROPANIL-ORDRAM	RICE	ACRE	22.00					
517	FURADAN	RICE	ACRE	7.56					
518	FUNGICIDE	RICE	ACRE	10.75					
519	CUST AIR OTHER	RICE	ACRE	3.00					
520	CUST AIR HERB	RICE	ACRE	3.58					
521	CUST AIR SEED	RICE	CWT.	2.75					
522	CUST AIR FERT	RICE	CWT.	2.58					
523	CUST HAUL	RICE	CWT.	0.35					
524	CUST DRY	RICE	CWT.	0.73					
525	SALES COMM	RICE	CWT.	0.07					

1 = HEAD	6 = BALE	11 = ACIN	15 = DOL.	19 = FEET	23 = CRTN	27 = EACH
2 = BU.	7 = ACRE	12 = LB.	16 = CWT.	20 = APPL	24 = CRAT	28 = GPM
3 = TON	8 = HOUR	13 = PINT	17 = OZ.	21 = SQFT	25 = BAGS	29 = KWH
4 = DOZ.	9 = DAYS	14 = QT.	18 = MILE	22 = LBGN	26 = TREE	30 = MCF
5 = GAL.	10 = AUM					

TABLE . DEFAULT PARAMETER VALUES AND DEFINITIONS
REGION: 22 DATE: 021782

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.0000
2.	PRICE PER GALLON OF L.P. GAS	0.3500
3.	PRICE PER GALLON OF DIESEL	1.0000
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0400
5.	PRICE PER 1000 CU. FT. OF NATURAL GAS	0.0
6.	NOMINAL INTEREST RATE	0.1600
7.	MACHINERY INSUR. RATE (AVERAGE INVESTMENT)	0.0100
8.	MACHINERY TAX RATE (PURCHASE VALUE)	0.0050
9.	IRRIGATION SYSTEM NUMBER	1.
10.	HOURLY MACHINERY WAGE RATE	5.06
11.	HOURLY OTHER LABOR WAGE RATE	4.50
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	5.06
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)	0.0050
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