

*Projections for Planning Purposes Only
Not to be Used without Updating after November 1, 2005*

B-1241 (C1&2)

Table 1. Parameters

Diesel Fuel (DI) Price (\$/gal):	2.16
Electricity (EL) Price (\$/kWh):	0.08
Gasoline (GA) Price. (\$/gal):	2.20
LP Gas (LP) Price. (\$/gal):	1.78
Natural Gas (NG) Price (\$/Mcf):	10.00
Operator Labor (OL) Wage Rate. . . (\$/hr):	8.00
Hand Labor (HL) Wage Rate. (\$/hr):	8.00
Irrigation Labor (IL) Wage Rate. . (\$/hr):	8.00
Owner Labor (WL) Wage Rate (\$/hr):	8.00
Short-term Interest Rate (%):	7.85
Intermediate-term Interest Rate. . . (%):	7.85
Comment at End of Table Titles :	
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Table 2. Self-Propelled Machines

RECORD NUM	ITEM NAME	SIZE	PERF RATE	FUEL TYPE	FUEL CONS RATE	LABOR TYPE	LABOR MULT	PURCHASE PRICE	SV RATE	R&M RATE	USEFUL LIFE	ANNUAL USE
1	Pickup Truck	3/4 ton	0.0067	GA	15.00	OL	0.00	23110.00	16.00	80.00	10.00	1500.00

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Table 3. Tractors

RECORD NUM	ITEM NAME	SIZE	FUEL TYPE	FUEL		LABOR MULT	PURCHASE PRICE	SV RATE	R&M RATE	USEFUL LIFE	ANNUAL USE
				CONS RATE	LABOR TYPE						
1	Tractor	100	DI	5.40	OL	1.00	54514.00	38.0	60.00	7.00	350.00
2	Tractor	125	DI	6.69	OL	1.00	74253.00	38.0	60.00	7.00	400.00
3	Tractor	150	DI	7.72	OL	1.00	80073.00	38.0	60.00	7.00	600.00
4	Tractor	175	DI	9.78	OL	1.00	92300.00	38.0	60.00	7.00	400.00
5	Tractor	40	DI	2.57	OL	1.00	21283.00	38.0	75.00	7.00	350.00
6	Tractor	75	DI	3.86	OL	1.00	34748.00	38.0	75.00	7.00	400.00

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Table 4. Implements

RECORD NUM	ITEM NAME	SIZE	PERF RATE	TRAC NUM	TRAC MULT	FUEL MULT	LABOR TYPE	ADD LABOR	PURCHASE PRICE	SV RATE	R&M RATE	USEFUL LIFE	ANNUAL USE
1	bed planter		0.0572	2	1.00	1.00	HL	1.00	53000.00	10.00	70.00	7.00	150.00
2	bedder		0.0572	3	1.00	1.00	OL	1.20	13500.00	10.00	80.00	7.00	200.00
3	blade plow		0.0996	3	1.00	1.00	OL	1.20	17745.00	10.00	50.00	7.00	200.00
4	box float		0.3273	5	1.00	1.00	OL	1.20	2175.00	10.00	50.00	7.00	100.00
5	chisel		0.0996	2	1.00	1.00	OL	1.20	13907.00	10.00	70.00	7.00	200.00
6	cultivator	12 row	0.0785	1	1.00	1.00	OL	1.20	19862.00	10.00	80.00	7.00	100.00
7	cultivator	8 row	0.1181	6	1.00	1.00	OL	1.20	14966.00	10.00	80.00	7.00	100.00
8	cultivator	rolling	0.1473	1	1.00	1.00	OL	1.20	14537.00	10.00	80.00	7.00	200.00
9	cultivator 12 row	rolling	0.0736	2	1.00	1.00	OL	1.20	19226.00	10.00	80.00	7.00	200.00
10	disc	offset	0.0788	1	1.00	1.00	OL	1.20	34261.00	10.00	80.00	7.00	200.00
12	disc	tandem	0.1380	1	1.00	1.00	OL	1.20	19345.00	10.00	80.00	7.00	200.00
14	field cultivator	35 ft	0.0654	3	1.00	1.00	OL	1.20	24884.00	10.00	65.00	7.00	200.00
15	furrow opener	20 feet	0.1000	6	1.00	1.00	OL	1.20	6750.00	10.00	80.00	7.00	100.00
13	grain drill		0.2121	5	1.00	1.00	HL	1.00	8500.00	10.00	70.00	7.00	120.00
16	lister	20 ft	0.1145	1	1.00	1.00	OL	1.20	8750.00	10.00	80.00	7.00	200.00
17	lister/planter	20 ft	0.1145	6	1.00	1.00	OL	1.20	17500.00	10.00	70.00	7.00	150.00
18	moldboard		0.2864	2	1.00	1.00	OL	1.20	13729.00	10.00	80.00	7.00	100.00
19	packer		0.2761	5	1.00	1.00	OL	1.20	9500.00	10.00	80.00	7.00	200.00
20	planter	bed	0.1527	6	1.00	1.00	HL	1.00	16500.00	10.00	70.00	7.00	100.00
21	planter	no-till	0.1527	1	1.00	1.00	HL	1.00	42543.00	10.00	70.00	7.00	100.00
22	rod weeder	8 row	0.0775	1	1.00	1.00	OL	1.20	11500.00	10.00	70.00	7.00	80.00
23	rotary hoe	8 row	0.0775	6	1.00	1.00	OL	1.20	6707.00	10.00	80.00	7.00	80.00
24	sand fighter		0.0572	5	1.00	1.00	OL	1.20	2880.00	10.00	80.00	7.00	100.00
25	shredder	4 row	0.2095	5	1.00	1.00	OL	1.20	8437.00	10.00	40.00	7.00	125.00
26	sprayer	mounted	0.1577	1	1.00	1.00	HL	1.00	7500.00	10.00	100.00	7.00	100.00
28	stalk cutter		0.0690	2	1.00	1.00	OL	1.00	23900.00	10.00	70.00	8.00	200.00
27	sweep plow		0.0654	3	1.00	1.00	OL	1.20	22884.00	10.00	80.00	7.00	200.00

Table 5. Operating Inputs

RECORD		UNIT	PRICE	COST	
NUM	ITEM NAME			YIELD?	COMMENT
2	corral repair	head	1.55		
12	fence repair	head	4.00		
CROP INSURANCE					
5	cotton - irrig	acre	17.25		
4	cotton	acre	12.25		
170	crop insurance-corn	acre	15.00		
CUSTOM					
86	aerial spray - sunfl	acre	4.20		
171	crop consultant	acre	6.00		
91	cust harv - peanuts	ton	55.00		
92	cust harv - sorghum	acre	12.60		
94	cust harv - sunflowd	acre	15.00		
95	cust harv - sunflowi	acre	18.00		
96	cust harv - wheatd	acre	12.60		
100	cust haul - sorghum	cwt.	0.25		
101	cust haul - sorghumi	cwt.	0.28		
103	cust haul - sunflowe	cwt.	0.30		
104	cust haul - wheat	bu.	0.14		
	cust harv&haul-sorg	cwt	0.53		
90	custom baling -round	ton	20.00		
98	custom hauling	bu.	0.13		
105	custom swathing	acre	5.50		
107	dig & shake - peanut	acre	22.50		
109	drying - peanut	ton	30.00		
111	fert appl - ANH3	acre	9.00		
112	fert appl - dry	acre	4.50		
169	fert appl - liquid	acre	4.50		
115	fung & appl - peanut	appl	14.00		
114	fungicide & appl	appl	15.00		
116	gin, bag & ties	cwt.	1.75		
117	ginning - cotton	cwt.	2.40		
120	harv & haul - corn	bu.	0.26		
121	harv & haul - cornsi	ton	4.66		
167	harv & haul - sorghs	ton	4.66		
124	harv & haul - soybea	bu.	0.33		
125	harv & haul - wheati	bu.	0.28		
87	harv&haul - cotton	cwt.	1.38		
88	harv&haul - peanuts	ton	55.00		
126	harvaid appl - cott	acre	20.00		
127	harvaid appl - cotti	acre	25.00		
119	harvest & haul	cwt.	1.38		
173	harvest & haul - sor	cwt.	0.53		
130	herb application	acre	4.50		
129	herb sunflowerd	acre	4.50		
176	herb&appl - soghumi	acre	21.12		
175	herb&appl-sorghumi	acre	21.12		
132	herb+appl - alfalfa	acre	23.25		
161	herb+appl - corn pre	acre	17.30		
134	herb+appl - cotton	acre	15.00		
135	herb+appl - rot	acre	12.00		
136	herb+appl - soghum	acre	10.50		
137	herb+appl - soybean1	acre	9.00		
133	herb+appl -corn post	acre	19.30		
139	hoeing-peanut	acre	12.00		
	hoeing-cotton dry	acre	12.00		
142	inse + appl - corn	appl	22.73		
141	insec appl - alfalfa	appl	13.75		
143	insec+appl - cotton	appl	12.00		
144	insec+appl - peanut	appl	12.00		
146	insec+appl - sorghum	appl	13.00		
151	insec+appl - wheat	acre	11.00		
147	insec+appl-soybeans	acre	10.24		

148	insec+appl-sunflow1	appl	16.00	
149	insec+appl-sunflow2	appl	16.00	
153	soil test	acre	0.50	
6	stocker delivery	head	5.00	
154	strip & module-cotto	cwt.	1.45	
181	strip till	acre	15.00	
155	thinning - custom	acre	25.00	
IRRIGATION FUEL				
7	fallow land - confix	acre	32.94	
9	fallow land- convar	acre	11.99	
11	fallow land-min var	acre	17.23	
10	fallow land-minfixd	acre	23.94	
FEED				
3	cottonseed meal	lb	0.09	
22	hay	lb.	0.04	
23	hay - stocker	ton	90.00	
50	pasture	\$/mo	12.00	
54	salt & minerals	lb.	0.23	
84	wheat pasture	cwt.	3.25	
12	fence repair	head	4.00	
	Preconditioning	head	20.00	
FERTILIZER				
14	fert(N) - ANH3	lb.	0.30	
15	fert(N) - dry	lb.	0.39	
16	fert(N) - liquid	lb.	0.40	
17	fert(P) - dry	lb.	0.31	
18	fert(P) - liquid	lb.	0.37	
HERBICIDE				
182	burndown herb	acre	10.00	
172	burndown&atrazene ap	acre	14.50	
19	fungicide	appl	8.00	
162	herb - corn pre	acre	17.30	
163	herb -corn post	acre	19.30	
34	herb&appl-alfalfa	acre	28.50	
35	herb&appl.-rot#1	acre	12.00	
174	herb+appl-corns pre	acre	21.12	
33	herb. & appl - sunfl	acre	12.00	
26	herb. - cotton	acre	18.50	
30	herb. - sorghumi	acre	21.12	
32	herb. - sunflowerd	acre	13.44	
31	herb. - soybean	acre	11.63	
38	herb.& appl.-fallow	acre	9.00	
36	herb.&appl- rot#2	acre	9.00	
37	herb.&appl. - rot#3	acre	15.00	
27	herb.- peanut	acre	15.00	
29	herbicide rotation	acre	4.80	
INSECTICIDE				
164	Boll Weevil - Dry	acre	6.00	
165	Boll Weevil - Irr	acre	12.00	
42	insect-sorghum irrig	acre	13.00	
43	insect-sunflower	acre	13.66	
40	insect-alfalfa	acre	13.75	
44	insect-wheat	acre	11.00	
157	miticide	acre	23.50	
IRRIGATION FUEL				
168	Irrigation - CP	ac-in	10.00	
45	marketing-cow/calf	head	4.25	
47	misc. - stocker	head	1.00	
46	misc.- cow/calf	head	3.00	
53	range improvement	acre	0.40	
SEED				
177	conf. sunflower seed	acre	20.00	Assume 15,000 seeds/acre
39	innoculant	acre	5.00	
55	seed - alfalfa	lb.	2.75	
56	seed - Bt corngr.	bags	145.00	
57	seed - corn silage	bags	93.00	
158	seed - cotton	lb.	2.40	
58	seed - cotton dry	lb.	0.60	

179	seed - NuSun Oilseed	acre	16.00	Assume 22,000 seeds/acre
60	seed - peanut	lb.	0.81	
61	seed - sorghum	lb.	1.25	
62	seed - soybean	lb.	0.50	
65	seed treatment-cttn	acre	12.00	
64	seed- wheat	bu.	7.00	
180	seed - sorghum-sudan	lb.	0.36	

IRRIGATION FUEL

68	set aside - corn f	acre	52.94	
69	set aside - corn v	acre	7.29	
70	set aside - drycon f	acre	23.10	
71	set aside - drycon v	acre	7.79	
72	set aside - irrgrn f	acre	32.94	
73	set aside - irrgrn v	acre	7.29	
74	set aside - rowf	acre	31.66	
76	set aside - wheatf	acre	30.16	
77	set aside - wheatv	acre	17.82	
75	set aside- rowv	acre	17.90	
78	stocker steers	cwt.	82.00	
79	stocker steers-winte	cwt.	78.00	
81	vet & processing	head	15.00	
82	vet. medicine	head	10.00	
83	water facil repair	head	2.50	

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Table 6. Other Durable Inputs

RECORD NUM	ITEM NAME	UNIT	FUEL TYPE	FUEL CONS RATE	R&M COST	LABOR TYPE	LABOR USE	FIXED COST /UNIT	FIXED COST /ACRE	COMMENT
4	irrig.-CP	ac-in	EL	123.5300	2.030	IL	0.0640	0.000	33.60	
3	irrig.-CP(nat. gas)	ac-in	NG	1.0000	2.030	IL	0.0640	0.000	33.60	
2	irrigation - nat.gas	ac-in	NG	1.0000	1.800	IL	0.1405	0.000	24.62	

Table 7. Operating Input Categories

RECORD	
NUM	ITEM NAME
	12
9	CROP INSURANCE
8	CUSTOM
7	FEED
6	FERTILIZER
5	FUNGICIDE
4	HARVEST AID
3	HERBICIDE
2	INSECTICIDE
10	IRRIGATION FUEL
1	SEED

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Table 8. Products

RECORD			-----PRICES-----						
NUM	ITEM NAME	UNIT	BUDGET	CONTRACT	LOAN	FUTURES	HIGH	AVERAGE	LOW COMMENT
21	Conf. Sunflowers	cwt	17.00	0.00	0.00	0.00	0.00	0.00	0.00
1	corn	bu.	2.65	0.00	0.00	0.00	0.00	0.00	0.00
2	corn silage	ton	26.50	0.00	0.00	0.00	0.00	0.00	0.00
3	cotton lint	lb.	0.52	0.00	0.00	0.00	0.00	0.00	0.00
4	cottonseed	ton	100.00	0.00	0.00	0.00	0.00	0.00	0.00
5	grazing - dryland	days	0.15	0.00	0.00	0.00	0.00	0.00	0.00
6	grazing - irrigated	days	0.36	0.00	0.00	0.00	0.00	0.00	0.00
7	grazing - sorghum	lb.	0.35	0.00	0.00	0.00	0.00	0.00	0.00
8	grazing - wheat	days	0.20	0.00	0.00	0.00	0.00	0.00	0.00
9	grazing - wheati	days	0.40	0.00	0.00	0.00	0.00	0.00	0.00
10	hay - alfalfa	ton	130.00	0.00	0.00	0.00	0.00	0.00	0.00
11	hay - sorghum	ton	45.00	0.00	0.00	0.00	0.00	0.00	0.00
22	NuSun Oilseed Sunflo	cwt	11.00	0.00	0.00	0.00	0.00	0.00	0.00
12	pasture	days	0.84	0.00	0.00	0.00	0.00	0.00	0.00
13	peanuts - runner	ton	375.00	0.00	0.00	0.00	0.00	0.00	0.00
16	sorghum	cwt	4.15	0.00	0.00	0.00	0.00	0.00	0.00
20	sorghum silage	ton	22.50	0.00	0.00	0.00	0.00	0.00	0.00
17	soybean	bu.	5.50	0.00	0.00	0.00	0.00	0.00	0.00
18	confect sunflowers	cwt.	17.00	0.00	0.00	0.00	0.00	0.00	0.00
19	wheat	bu.	3.45	0.00	0.00	0.00	0.00	0.00	0.00

*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
These projections were collected & developed by TCE staff & approved for publication.*

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Table 9. Allocated Cost Items

RECORD NUM	ITEM NAME	CALC NUM	DOLLARS PER ACRE	% OF INCOME	% OF DIRECT EXPENSES	% OF TOTAL EXPENSES
1	cash - rent	1	15.00	0.00	0.00	0.00
2	cash rent - alfalfa	1	75.00	0.00	0.00	0.00
3	cash rent - corn	1	75.00	0.00	0.00	0.00
4	cash rent - cottond	1	15.00	0.00	0.00	0.00
5	cash rent - cottonf	1	45.00	0.00	0.00	0.00
6	cash rent - cottoni	1	45.00	0.00	0.00	0.00
7	cash rent - dryland	1	15.00	0.00	0.00	0.00
9	cash rent - irrigat	1	75.00	0.00	0.00	0.00
10	cash rent - pasture	1	45.00	0.00	0.00	0.00
11	cash rent - peanuts	1	75.00	0.00	0.00	0.00
24	cash rent - sorghsil	1	75.00	0.00	0.00	0.00
15	cash rent - sorghumf	1	45.00	0.00	0.00	0.00
19	cash rent - wheatd	1	15.00	0.00	0.00	0.00
20	cash rent - wheati	1	45.00	0.00	0.00	0.00
14	cash rent- sorghum	1	15.00	0.00	0.00	0.00
16	cash rent- soybeans	1	45.00	0.00	0.00	0.00
17	cash rent-sunflowerd	1	15.00	0.00	0.00	0.00
18	cash rent-sunfloweri	1	45.00	0.00	0.00	0.00
21	lease - pasture	1	5.00	0.00	0.00	0.00
22	perenial crop	1	49.89	0.00	0.00	0.00
23	perennial Crop - PP	1	40.12	0.00	0.00	0.00