

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

B-1241 (C8)

Table 1. Parameters

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Diesel Fuel (DI) Price . . . . . (\$/gal):	2.50
Electricity (EL) Price . . . . . (\$/kWh):	0.09
Gasoline (GA) Price. . . . . (\$/gal):	2.05
LP Gas (LP) Price. . . . . (\$/gal):	1.49
Natural Gas (NG) Price . . . . . (\$/Mcf):	6.50
Operator Labor (OL) Wage Rate. . . (\$/hr):	11.50
Hand Labor (HL) Wage Rate. . . . . (\$/hr):	11.50
Irrigation Labor (IL) Wage Rate. . (\$/hr):	11.50
Owner Labor (WL) Wage Rate . . . . (\$/hr):	11.50
Short-term Interest Rate . . . . . (%):	9.00
Intermediate-term Interest Rate. . . (%):	7.25
Comment at End of Table Titles . . . . . :	
Comment at End of Tables:	

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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
3	Combine		0.0500	DI	10.00	OL	1.00	200000.00	10.00	60.00	7.00	300.00
2	High Boy Spryr	60' Boom	0.0300	DI	9.17	OL	1.20	75000.00	10.00	80.00	8.00	350.00
1	Pickup Truck	3/4 Ton	0.0067	GA	15.00	OL	0.00	28000.00	16.70	80.00	10.00	25000.00

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Table 3. Tractors

RECORD NUM	ITEM NAME	SIZE	FUEL TYPE	FUEL CONS RATE	LABOR TYPE	LABOR MULT	PURCHASE PRICE	SV RATE	R&M RATE	U
3	Tractor	150 hp	DI	7.72	OL	1.10	85000.00	20.0	60.00	1
6	Tractor	200 hp	DI	9.77	OL	1.10	100000.00	20.0	60.00	1
1	Tractor	2WD 100	DI	5.40	OL	1.10	40000.00	20.0	60.00	1
2	Tractor	2WD 125	DI	6.69	OL	1.10	55000.00	20.0	60.00	1
8	Tractor	50 hp	DI	2.57	OL	1.00	15000.00	38.0	60.00	

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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	anhydrous rig	12R-30	0.0710	6	1.00	1.00		0.00	9500.00	15.00	50.00	8.00	150.00
37	Chisel Plow	24 ft	0.2056	6	1.00	1.00		0.00	20000.00	10.00	60.00	7.00	280.00
40	Chisel plow	7-9 shank	0.1527	8	1.00	1.00		0.00	3700.00	10.00	70.00	7.00	100.00
27	Cultivator	12R-30	0.0580	3	1.00	1.00		0.00	12000.00	15.00	80.00	12.00	200.00
33	Cultivator	6 Row	0.1030	2	1.00	1.00		0.00	7150.00	10.00	36.40	10.00	115.00
42	dry fert rig		0.0035	8	1.00	1.00		0.00	2000.00	38.00	60.00	7.00	50.00
24	Field Cultivator	32 ft.	0.0470	6	1.00	1.00		0.00	18000.00	15.00	65.00	10.00	100.00
38	grain cart		0.0500	3	1.00	1.00		0.00	15000.00	10.00	50.00	15.00	300.00
31	Grain Drill	20'	0.2046	2	1.00	1.00		0.00	6000.00	20.00	50.00	10.00	60.00
28	Grain Drill	30' Fold	0.0610	6	1.00	1.00		0.00	40000.00	15.00	70.00	10.00	100.00
43	Hay Spear		0.0055	8	1.00	1.00		0.00	500.00	38.00	40.00	10.00	50.00
29	Hooded Sprayer	12R-30	0.0550	3	1.10	1.10		0.00	10500.00	15.00	85.00	10.00	200.00
30	Molboard Plow		0.4860	6	1.00	1.00		0.00	9500.00	10.00	60.00	7.00	160.00
11	offset disc	13 ft.	0.1322	3	1.00	1.00		0.00	10900.00	10.00	60.00	7.00	70.00
12	peanut combine		0.5978	2	1.00	1.00		0.00	15000.00	10.00	60.00	7.00	100.00
13	peanut digger		0.6840	3	1.00	1.00		0.00	3400.00	10.00	60.00	7.00	45.00
14	planter	6 row	0.1375	2	1.00	1.00		0.00	16500.00	10.00	60.00	7.00	25.00
25	Planter 3pt	12 row	0.0650	6	1.00	1.00		0.00	33000.00	15.00	70.00	12.00	150.00
26	Planter Pull	12 row	0.1400	6	1.00	1.00		0.00	65000.00	15.00	50.00	7.00	250.00
15	roller		0.0550	1	1.00	1.00		0.00	500.00	10.00	60.00	7.00	25.00
16	rolling cultivator	6 row	0.1031	2	1.00	1.00		0.00	7500.00	10.00	60.00	7.00	115.00
32	Saddle Tank		0.1178	2	1.00	1.00		0.00	1800.00	10.00	70.00	10.00	105.00
35	Shredder	20 foot	0.1470	6	1.00	1.00		0.00	9500.00	15.00	40.00	10.00	185.00
17	shredder	4 row	0.1150	1	1.00	1.00		0.00	8000.00	10.00	60.00	7.00	35.00
41	shredder	6 ft	0.1000	8	1.00	1.00		0.00	3000.00	38.00	70.00	7.00	200.00
18	spray rig		0.0644	3	1.00	1.00		0.00	3850.00	10.00	60.00	7.00	500.00
34	Spray Rig	6 Row	0.0000	2	1.00	1.00		0.00	3150.00	10.00	60.00	7.00	500.00
19	tandem disc	20 ft.	0.1145	2	1.00	1.00		0.00	11500.00	10.00	60.00	7.00	280.00
36	tandem disc -24 foot	24 ft	0.0950	6	1.00	1.00		0.00	20000.00	10.00	60.00	7.00	280.00
39	tandem disk	12 foot	0.1840	8	1.00	1.00		0.00	4000.00	10.00	60.00	7.00	100.00
23	Tandem Disk	30 ft.	0.0760	6	1.00	1.00		0.00	30000.00	15.00	80.00	10.00	180.00

Table 5. Operating Inputs

RECORD		UNIT	PRICE	COST	
NUM	ITEM NAME			YIELD?	COMMENT
Boll Weevil Erad.					
209	Boll Weevil Erad	acre	13.25		
CROP INSURANCE					
3	corn 65/100	acre	6.42		
206	corn 70%CRC	acre	8.77		
179	Corn Ins APH 65/100	Ac.	6.50		\$2.25 Selling Price
5	cotton 425	acre	15.91		
181	Cttn Ins APH 65/100	Acre	10.00		\$.52 Price Level
180	Sorg Ins APH 65/100	Ac.	4.34		\$2.20 Price Level
7	sorgum 28	acre	5.16		
8	sorgum 36	acre	5.43		
165	soybean	acre	6.84		
10	wheat 25	acre	4.91		
12	wheat 35 - crop insu	acre	5.31		
13	wheat 45	acre	5.19		
182	Wheat Ins APH 65/100	Ac.	2.86		\$3.15 Price Level
CUSTOM					
142	aerial appliction	acre	3.00		
166	cust comb soybeans	acre	14.00		
144	custom baling	bale	0.65		
145	Custom Combine Corn	Acre	18.00		
146	Custom Combine Sorg	Acre	14.00		
147	Custom Combine Wheat	Acre	15.00		
229	custom cut & bale	acre	35.00		
233	Custom Drag Harrow	acre	5.00		
241	custom fert.	acre	4.00		
148	custom harvest peanu	acre	100.00		
150	Custom Hauling Bu.	Bu.	0.20	Y	
183	Custom Hauling CWT	CWT	0.25	Y	
151	custom hauling hay	bale	0.40		
152	custom hauling sorgh	cwt.	0.25		
153	custom hauling soyb	cwt.	0.14		
154	custom hauling wheat	bu.	0.15		
236	custom spraying	acre	4.00		
155	custom sprigging	acre	50.00		
226	Custom Stripping	lb	0.10		
156	custom stripping cot	lb.	0.08	Y	
158	dry fert. rig	acre	3.00		
159	drying	ton	20.00		
239	fungicide applicatio	acre	4.00		
227	ginning	lb	0.09		
160	ginning cotton	cwt	2.40	Y	
161	hauling milk	cwt	0.72		
195	insec & appl - cott	acre	12.00		
232	Land Renovation	acre	15.00		
162	liquid fert. rig	Acre	4.00		
230	Mec Tree & Brush Rem	acre	150.00		
6	peanut	acre	23.69		
163	shearing	head	1.50		
164	sod seeding	acre	5.00		
194	strip & module - cot	cwt	1.45		
FEED					
2	boar feed	cwt	10.00		
23	finishing ration	cwt.	10.00		
26	grain mix	cwt.	7.90		
27	hay	cwt	3.00		

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RECORD				COST	
NUM	ITEM NAME	UNIT	PRICE	YIELD?	COMMENT
28	hay alfalfa	cwt.	4.50		
29	hay bermuda	cwt.	3.00		
30	hay sorgum	cwt.	3.00		
33	herb, pre-emerg berm	acre	3.00		
79	milk replacer	lb.	0.91		
91	pasture, bermuda	acre	37.32		
92	pasture, dairy	head	20.00		
93	pasture, native	head	8.00		
94	pig starter	cwt.	15.00		
96	protien supplment	cwt.	10.75		
105	salt	cwt.	5.30		
121	sorghum silage	ton	25.00		
122	sow feed gest	cwt.	10.75		
123	sow feed lact	cwt.	10.75		
9	soybean	acre	6.84		
125	supplement	cwt.	10.75		
137	wheat	lb.	0.06		
138	wheat \$/cwt gain	cwt	25.00		
FERTILIZER					
242	0-0-60	lb.	0.13		
243	46-0-0	lb.	0.32		
143	anhydrous rig	acre	2.60		
200	fert (K) - corn	lb.	0.00		
198	fert (N) - corn	lb.	0.38		
192	fert (N) - cotton	lb.	0.38		
201	fert (N,P,K) - corn	acre	75.00		
199	fert (P) - corn	lb.	0.29		
193	fert (P) - cotton	lb.	0.29		
234	fert - (17-4-9)	lb	0.15		
208	fert - (N,P,K) -cott	acre	50.00		
204	fert - (N,P,Zinc,S)	acre	55.00		
235	fert - 21-14-7	lb.	0.18		
11	fert 10-34-0	lb.	0.14		
168	Fert 11-37-0	gal.	1.61		
18	fert 18-46-0	lb.	0.16		
19	fert 32-0-0	gal.	0.78		
20	fert 34-0-0	lb.	0.14		
21	fert 6-24-24	lb.	0.11		
22	fert 82-0-0	lb.	0.14		
244	liquid 32 N	lb.	0.12		
FUNGICIDE					
24	fung peanuts	acre	11.25		
25	fung wheat	acre	11.72		
240	fungice- wheat	oz	3.90		
HARVEST AID					
224	defoliant	acre	12.00		
197	Defoliant - cotton	acre	18.00		
196	dessicant	acre	7.31		
225	dessicant	acre	7.31		
HERBICIDE					
221	1st appl - herb-cott	oz	0.24		
222	2nd appl - herb-cott	oz	0.24		
223	3rd appl- herb - cot	oz	0.24		
211	corn herbicide	oz.	0.24		
184	Cotton Burndown	Pint	5.00		Burndown - Paraquat
14	Cotton Defoliant	Oz	0.24		Cyclone
190	Cotton Destruction	Pt	2.25		Fall Killing of Cotton, 2-4D, LV6
207	cotton pre-emerge	acre	7.00		

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RECORD				COST	
NUM	ITEM NAME	UNIT	PRICE	YIELD?	COMMENT
237	herb - pre&post emer	acre	6.75		
202	herb, atrazine	lb.	2.50		
48	herb, post-emerg alf	acre	5.50		
49	herb, post-emerg cot	acre	5.58		
50	herb, post-emerg sor	oz	9.80		Peak, .5oz/Ac
51	herb, ppi cotton	pt	5.58		
54	herb, ppi soybean	pt.	21.56		
32	herb, pre-emerg alfa	acre	11.37		
36	herb, pre-emerg corn	pint	3.00		Bicep II
37	herb, pre-emerg cott	pint	2.25		Trifluralin
38	herb, pre-emerg pean	acre	6.75		
46	herb, pre-emerg sorg	Quart	6.50		Bicep Lite II Magnum
55	herb, pre-emerg sorg	acre	11.06		
47	herb, pre-emerg whea	cwt.	3.00		
167	herb, pre-emerge bur	acre	3.00		
245	herb-post(cornsil.)	qt.	8.75		
213	plant burndown	oz.	0.24		
210	pre emerg. weed cont	acre	7.00		
176	Roundup Corn	Pint	6.75		Generic Roundup \$26/gal \$1/ac agitand
185	Roundup Cotton	Gallon	44.50		Roundup Ultra-Max
205	weed burndown	oz.	0.24		Roundup original max
212	yellow herb - cotton	acre	7.00		
INSECTICIDE					
218	1st appl - insec-cot	acre	4.00		
219	2nd appl- insec -cot	acre	4.00		
220	3rd appl -insec-cot	acre	4.00		
191	Baythroid	Oz	3.13		\$400/gal, 2.5oz in Milo
169	Corn Insect Soil	Lb.	2.10		Aztec
203	corn insecticide	acre	14.41		
178	Cttn Rndp Insect	Ac.	2.20		Vidrin \$88/gal 1gal/40ac
56	inoculant	acre	1.50		
214	insec. - planting	acre	12.50		
68	insect, armyworm	acre	2.25		
70	insect, bollworm	acre	5.20		
177	Insect, Bollworm	Ac.	15.14		Tracer \$757/gal 1gal/50ac
72	insect, greenbug	acre	4.50		
64	insect, peanuts	acre	3.20		
73	insect, plantbug	acre	2.05		
74	insect, soil	acre	12.75		
67	insect, sorgum	acre	16.25		
75	insect, trips	acre	1.23		
76	insect, weevil	acre	3.88		
238	Insecticde - Midge	acre	3.00		
187	Orthene	Oz	0.56		Fleahoppers
170	Sorghum Insect Soil	acre	8.00		Counter
186	Temik	3.30	0.00		
IRRIGATION					
189	Irrigation	Ac/In	3.50		Estimated Water Cost
247	Irrigation - Corn Si	ac-in	7.00		
LABOR					
231	Prescribed Burn	acre	1.00		
LIVESTOCK					
45	feeder pigs	cwt.	100.00		
77	marketing, hogs	head	3.50		
78	mgmt records	head	18.00		
81	misc, dairy	head	15.00		
80	misc. cow-calf	head	10.00		
85	misc. fartofin	head	37.00		

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NUM	ITEM NAME	UNIT	PRICE	YIELD?	COMMENT
86	misc. goats	head	10.00		
87	misc. hogs	head	0.75		
88	misc. hogs	head	21.00		
89	misc. sheep	head	21.00		
90	misc. stocker	head	4.00		
95	preadator control	head	0.35		
98	sales com. beef catt	cwt.	3.00		
99	sales com. cull cow	cwt.	1.25		
100	sales com. dairy	head	6.05		
101	sales com. goats	head	1.00		
102	sales com. pig	head	1.75		
103	sales com. sheep	head	0.60		
104	sales com. stocker	cwt.	2.00		
106	salt and minerals	cwt.	7.93		
124	stocker steers	cwt.	92.00		
126	supplies dairy	head	34.75		
128	utilities	head	40.00		
131	vet medicine	head	0.80		
129	vet medicine cow-cal	head	7.00		
130	vet medicine dairy	head	30.00		
132	vet medicine hogs	head	0.50		
133	vet medicine pigs	head	0.80		
134	vet medicine sheep	head	1.00		
135	vet medicine sows	head	6.50		
136	vet medicine stocker	head	7.00		
PROGRAMS					
188	Boll Weevil	Acre	12.00		Eradication
SEED					
1	bermuda sprigs	bu.	0.75		
171	Herb Resis Corn Seed	acre	26.50		\$120/bag 80k count
246	HR CornSilage Seed	thou	1.50		
97	quota cost, peanuts	lb.	0.02		
173	RR Cotton Tech Fee	Lb.	0.90		\$45/bg Tech Fee
174	RR+BT Cttn Tech Fee	Lb.	2.20		\$110/bg Tech Fee
111	Seed & Tech Fee	lb.	2.40		\$66/bg
107	seed alfalfa	lb.	2.50		
108	seed cereal rye	lb.	0.20		
109	seed clover	lb.	1.10		
110	Seed Corn	thou.	1.25		Conventional \$100/bg
112	seed forage sorgum	lb.	0.20		
113	seed oats	lb.	0.12		
114	seed peanuts	lb.	0.74		
115	seed ryegrass	lb.	0.85		
116	seed ryegrass	lb.	0.40		
117	Seed Sorghum treated	Lb.	1.40		70/bg
118	seed soybeans	lb.	0.15		
119	seed treatment	lb.	0.07		
120	seed wheat	lb.	0.15		
215	seed-stacked -cotton	acre	30.00		
216	techfee- herb-cotton	acre	26.00		
228	techfee-bt-cotton	acre	13.00		

Table 6. Other Durable Inputs

RECORD		FUEL	FUEL		LABOR	LABOR	FIXED	FIXED		
NUM	ITEM NAME	UNIT	TYPE	RATE	COST	TYPE	USE	/UNIT	/ACRE	COMMENT

*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.*

Table 7. Operating Input Categories

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RECORD

NUM ITEM NAME

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17	Boll Weevil Erad.
1	CROP INSURANCE
2	CUSTOM
3	FEED
4	FERTILIZER
5	FUNGICIDE
6	HARVEST AID
16	Harvest Aid
7	HERBICIDE
8	INSECTICIDE
15	IRRIGATION
18	LABOR
10	LIVESTOCK
14	PROGRAMS
9	SEED

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Table 8. Products

RECORD NUM	ITEM NAME	UNIT	-----PRICES-----							COMMENT
			BUDGET	CONTRACT	LOAN	FUTURES	HIGH	AVERAGE	LOW	
15	Corn	bu.	2.50	2.20	1.98	2.25	2.50	2.25	2.00	
16	Corn Silage	Ton	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	Corn Silage (Irr)	ton	26.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	cotton lint	lb.	0.54	0.00	0.52	0.00	0.00	0.00	0.00	
3	cotton seed	ton	115.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	Fall Hay Cutting	bale	35.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	hay alfalfa	bale	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	hay bermuda	bale	35.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	hay sorghum	bale	2.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Peanuts	Ton	355.00	0.00	350.00	0.00	0.00	0.00	0.00	
9	sorghum	cwt.	3.80	0.00	0.00	0.00	0.00	0.00	0.00	
10	soybeans	bu	5.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	weight gain stockers	lb.	0.38	0.00	0.00	0.00	0.00	0.00	0.00	
13	wheat	bu.	3.30	0.00	0.00	0.00	0.00	0.00	0.00	

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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
10	A Example	3	0.00	25.00	0.00	0.00
1	BERMUDA PASTURE	1	20.00	0.00	0.00	0.00
2	CASH RENT CROPLAND	1	25.00	0.00	0.00	0.00
11	cash rent cropland i	1	45.00	0.00	0.00	0.00
3	CASH RENT PASTURE	1	8.00	0.00	0.00	0.00
4	NATIVE PASTURE	1	8.00	0.00	0.00	0.00
5	PASTURE RENT DAIRY	1	2.00	0.00	0.00	0.00
6	PASTURE RENT GOATS	1	3.50	0.00	0.00	0.00
7	PASTURE RENT HOGS	1	15.00	0.00	0.00	0.00
8	PASTURE RENT NATIVE	1	8.00	0.00	0.00	0.00
9	PASTURE RENT SHEEP	1	3.50	0.00	0.00	0.00