

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2010*

B-1241 (C2)

Table 1. Parameters

Diesel Fuel (DI) Price (\$/gal):	2.20
Electricity (EL) Price (\$/kWh):	0.09
Gasoline (GA) Price. (\$/gal):	2.40
LP Gas (LP) Price. (\$/gal):	1.71
Natural Gas (NG) Price (\$/Mcf):	8.00
Operator Labor (OL) Wage Rate. . . (\$/hr):	10.00
Hand Labor (HL) Wage Rate. (\$/hr):	10.00
Irrigation Labor (IL) Wage Rate. . (\$/hr):	10.00
Owner Labor (WL) Wage Rate (\$/hr):	10.00
Short-term Interest Rate (%):	6.00
Intermediate-term Interest Rate. . . (%):	7.00
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	58700.00	38.0	60.00	7.00	350.00
2	Tractor	125	DI	6.69	OL	1.00	77200.00	38.0	60.00	7.00	400.00
3	Tractor	150	DI	7.72	OL	1.00	85300.00	38.0	60.00	7.00	600.00
4	Tractor	175	DI	9.78	OL	1.00	96500.00	38.0	60.00	7.00	400.00
5	Tractor	40	DI	2.57	OL	1.00	24250.00	38.0	75.00	7.00	350.00
6	Tractor	75	DI	3.86	OL	1.00	32350.00	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

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Table 5. Operating Inputs

RECORD				COST	
NUM	ITEM NAME	UNIT	PRICE	YIELD?	COMMENT
BOLL WEEVIL ASSESS					
184	dryland	acre	1.00		
185	Irrigated	acre	1.00		
CROP INSURANCE					
170	corn -CP	acre	15.00		
5	cotton - CP	acre	20.00		
4	cotton - dryland ins	acre	12.25		
CUSTOM					
86	aerial spray - sunfl	acre	4.20		
171	crop consultant	acre	6.00		
92	cust harv-sorgh dry	acre	14.00		
94	cust harv-sunfl dry	acre	15.00		
95	cust harv-sunfl irri	acre	20.00		
96	cust harv-wheat dry	acre	14.00		
97	cust harv-wheat irr	acre	12.60		
100	cust haul-sorgh dry	cwt.	0.40		
103	cust haul-sunfl dry	cwt.	0.30		
191	cust haul-wheat dry	bu.	0.14		
104	cust haul-wheat irr	bu.	0.14		
89	custom baling	bale	0.66		
90	custom baling -round	ton	25.00		
98	custom hauling	bu.	0.13		
105	custom swathing	acre	5.50		
107	dig & shake - peanut	acre	25.00		
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		
113	fert appl - peanut	acre	4.50		
195	fert appl.	acre	4.50		
110	fert application	acre	4.50		
115	fung & appl - peanut	appl	14.00		
114	fungicide & appl	appl	15.00		
117	ginning - cotton	cwt.	3.00		
120	harv & haul - corn	bu.	0.40		
121	harv & haul - cornsi	ton	4.66		
122	harv & haul - hay	ton	22.00		
167	harv & haul - sorgh	ton	4.66		
124	harv & haul - soybea	bu.	0.50		
88	harv&haul - peanuts	ton	60.00		
125	harv&haul-wheat irr	bu.	0.50		
196	harvaid appl-cot dri	acre	30.00		
126	harvaid appl-cot dry	acre	20.00		
127	harvaid appl-cot irr	acre	25.00		

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119	harvest & haul	cwt.	1.38
173	harvest & haul - sor	cwt.	0.60
130	herb application	acre	4.50
175	herb&appl-sorghumi	acre	21.12
132	herb+appl - alfalfa	acre	23.25
135	herb+appl - rot	acre	12.00
136	herb+appl - sorghum	acre	10.50
133	herb+appl -corn post	acre	15.00
137	herb+appl-soybeans i	acre	9.00
139	hoeing - peanut	acre	20.00
166	hoeing -dry cotton	acre	20.00
141	insec appl - alfalfa	appl	13.75
142	insec+appl - cornsi	appl	22.73
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	14.00
149	insec+appl-sunflow2	appl	14.00
150	insec+appl-sunflower	appl	8.00
140	insecticide appl	appl	10.00
190	post emerg herb+appl	acre	16.00
201	preplant herb + appl	acre	12.00
134	preplant herb. appl	acre	4.50
153	soil test	acre	0.50
198	spot spray and chem.	acre	20.00
154	strip & module-cotto	lb.	0.08
181	strip till	acre	15.00
155	thinning - custom	acre	25.00

FERTILIZER

13	fert(N) - alfalfa	lb.	0.50
14	fert(N) - ANH3	lb.	0.20
15	fert(N) - dry	lb.	0.50
16	fert(N) - liquid	lb.	0.50
17	fert(P) - dry	lb.	0.50
18	fert(P) - liquid	lb.	0.50
193	fert. (N)	lb.	0.40
194	fert. (P)	lb.	0.40
48	nitrogen - dry	lb.	0.50
51	phosphate - dry	lb	0.50

FUNGICIDE

19	fungicide	appl	8.00
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HERBICIDE

182	burndown herb	acre	10.00
172	burndown&atrazene ap	acre	14.50
162	herb - corn pre	acre	17.50
163	herb -corn post	acre	24.85
200	herb cotton preplant	acre	12.00
34	herb&appl-alfalfa	acre	28.50

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35	herb&appl.-rot#1	acre	12.00	
174	herb+appl-corns pre	acre	21.12	
199	herb-banded-cotton	acre	5.00	
33	herb. & appl - sunfl	acre	15.00	
24	herb. - alfalfa	acre	17.75	
26	herb. - cotton	acre	18.50	
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	
192	herbicide-hyb trial	acre	28.26	
INSECTICIDE				
43	insec. - sunflower	acre	14.00	
40	insect - alfalfa	acre	10.75	
44	insect. - wheat	acre	12.60	
157	miticide	acre	25.00	
156	rootworm ins&appl	appl	14.65	
IRRIGATION FUEL				
168	Irrigation - CP	ac-in	8.00	Y
SEED				
177	conf. sunflower seed	acre	20.00	Assume 15,000 seeds/ac
197	cotton-brown bag	thou	0.25	
39	innoculant peanut	acre	6.00	
188	innoculant soybeans	acre	7.00	
55	seed - alfalfa	lb.	3.25	
57	seed - corn silage	bags	210.00	
158	seed - cotton	thou	1.10	
58	seed - cotton dry	thou	0.90	
179	seed - Oilseed sunfl	acre	16.00	Assume 22,000 seeds/ac
59	seed - pasture	lb.	1.25	
60	seed - peanut	lb.	0.81	
61	seed - sorghum	lb.	1.50	
62	seed - soybeans	lb.	1.25	
56	seed - stacked gene	bags	250.00	
63	seed - sunflower	acre	12.00	
65	seed treatment-cttn	acre	12.00	
64	seed- wheat	bu.	12.00	
186	seed- wheat g	bu.	12.30	
180	sorghum-sudan	lb.	0.36	

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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
6	Center Pivot	ac-in	NG	1.0000	2.030	IL	0.0640	0.000	33.60	
7	Drip Irrigated	ac-in	NG	1.0000	2.250	IL	0.0640	0.000	50.00	
5	Furrow	ac-in	NG	1.0000	1.800	IL	0.1405	0.000	24.62	

Table 7. Operating Input Categories

RECORD

NUM ITEM NAME

12	BOLL WEEVIL ASSESS
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	19.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	corn	bu.	4.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	corn silage	ton	32.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	cotton lint	lb.	0.62	0.00	0.00	0.00	0.00	0.00	0.00	
4	cottonseed	ton	175.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	grazing - irrigated	days	0.43	0.00	0.00	0.00	0.00	0.00	0.00	
7	grazing - sorghum	lb.	0.38	0.00	0.00	0.00	0.00	0.00	0.00	
8	grazing - wheat	days	0.35	0.00	0.00	0.00	0.00	0.00	0.00	
9	grazing - wheati	days	0.35	0.00	0.00	0.00	0.00	0.00	0.00	
10	hay - alfalfa	ton	125.00	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	Oilseed Sunflo	cwt	16.00	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	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	sorghum	cwt	6.50	0.00	0.00	0.00	0.00	0.00	0.00	
20	sorghum silage	ton	26.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	soybeans	bu.	8.50	0.00	0.00	0.00	0.00	0.00	0.00	
18	sunflowers	cwt.	16.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	wheat	bu.	5.00	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
1	cash - rent	1	15.00	0.00	0.00	0.00
2	cash rent - alfalfa	1	100.00	0.00	0.00	0.00
3	cash rent - corn	1	100.00	0.00	0.00	0.00
4	cash rent - cottond	1	25.00	0.00	0.00	0.00
25	cash rent - cottondr	1	75.00	0.00	0.00	0.00
5	cash rent - cottonf	1	75.00	0.00	0.00	0.00
6	cash rent - cottoni	1	75.00	0.00	0.00	0.00
7	cash rent - dryland	1	25.00	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	100.00	0.00	0.00	0.00
24	cash rent - sorghsil	1	75.00	0.00	0.00	0.00
15	cash rent - sorghumf	1	75.00	0.00	0.00	0.00
19	cash rent - wheatd	1	25.00	0.00	0.00	0.00
20	cash rent - wheati	1	75.00	0.00	0.00	0.00
14	cash rent- sorghum	1	25.00	0.00	0.00	0.00
16	cash rent- soybeans	1	75.00	0.00	0.00	0.00
17	cash rent-sunflowerd	1	25.00	0.00	0.00	0.00
18	cash rent-sunfloweri	1	50.00	0.00	0.00	0.00
21	lease - pasture	1	5.00	0.00	0.00	0.00
22	perennial crop	1	58.50	0.00	0.00	0.00
23	perennial Crop - PP	1	40.12	0.00	0.00	0.00
26	Share rent - cotton	1	35.00	0.00	0.00	0.00