

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2009*

B-1241 (C2)

Table 1. Parameters

Diesel Fuel (DI) Price (\$/gal):	2.25
Electricity (EL) Price (\$/kWh):	0.09
Gasoline (GA) Price. (\$/gal):	2.00
LP Gas (LP) Price. (\$/gal):	1.71
Natural Gas (NG) Price (\$/Mcf):	12.00
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

*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 3. Tractors

RECORD NUM	ITEM NAME	SIZE	FUEL TYPE	FUEL CONS RATE	LABOR TYPE	LABOR MULT	PURCHASE PRICE	SV RATE	R&M RATE	USEFUL LIFE	ANNUAL USE
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

Table 5. Operating Inputs

RECORD	NUM	ITEM NAME	UNIT	PRICE	COST	YIELD?	COMMENT
ROLL WEEVIL ASSESS							
184		dryland	acre	3.00			
185		irrigated	acre	6.00			
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.	0.42			
121		harv & haul - cornsi	ton	4.66			
122		harv & haul - hay	ton	22.00			
167		harv & haul - sorgh	ton	4.66			
124		harv & haul - soybean	bu.	0.50			
88		harv&haul - peanuts	ton	60.00			
125		harv&haul-wheat irr	bu.	0.50			
196		harvaidd appl-cot dri	acre	30.00			
126		harvaidd appl-cot dry	acre	20.00			
127		harvaidd appl-cot irr	acre	25.00			
119		harvest & haul	cwt.	1.38			
173		harvest & haul - sor	cwt.	0.60			
130		herb application	acre	4.50			
175		herbkappl-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-sunflow	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.	0.50			
194		fert. (P)	lb.	0.50			
48		nitrogen - dry	lb.	0.50			
51		phosphate - dry	lb.	0.50			
FUNGICIDE							
19		fungicide	appl	8.00			
HERBICIDE							
162		burndown herb	acre	10.00			
172		burndown&trazene 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		herbkappl-alfalfa	acre	28.50			
35		herbkappl.-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 inskappl	appl	14.65			
IRRIGATION FUEL							
168		irrigation - CP	ac-in	8.30		Y	
SEED							
177		conf. sunflower seed	acre	20.00			Assume 15,000 seeds/acre
197		cotton-brown bag	thou	0.25			
19		inoculant peanut	acre	6.00			
188		inoculant 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/acre
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	210.00			
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			

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

Table 8. Products

RECORD			-----PRICES-----						
NUM	ITEM NAME	UNIT	BUDGET	CONTRACT	LOAN	FUTURES	HIGH	AVERAGE	LOW COMMENT
21	Conf. Sunflowers	cwt	21.00	0.00	0.00	0.00	0.00	0.00	0.00
1	corn	bu.	4.50	0.00	0.00	0.00	0.00	0.00	0.00
2	corn silage	ton	30.00	0.00	0.00	0.00	0.00	0.00	0.00
3	cotton lint	lb.	0.54	0.00	0.00	0.00	0.00	0.00	0.00
4	cottonseed	ton	200.00	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	180.00	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	18.00	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	7.00	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.	8.00	0.00	0.00	0.00	0.00	0.00	0.00
18	sunflowers	cwt.	18.00	0.00	0.00	0.00	0.00	0.00	0.00
19	wheat	bu.	5.50	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	75.00	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