

Table 1. Parameters

Diesel Fuel (DI) Price (\$/gal):	2.65
Electricity (EL) Price (\$/kWh):	0.08
Gasoline (GA) Price. (\$/gal):	2.73
LP Gas (LP) Price. (\$/gal):	1.80
Natural Gas (NG) Price (\$/Mcf):	4.75
Operator Labor (OL) Wage Rate. . . (\$/hr):	10.30
Hand Labor (HL) Wage Rate. (\$/hr):	10.30
Irrigation Labor (IL) Wage Rate. . (\$/hr):	10.30
Owner Labor (WL) Wage Rate (\$/hr):	10.30
Short-term Interest Rate (%):	4.75
Intermediate-term Interest Rate. . . (%):	6.00
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 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	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		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
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
29	Strip Plow	35-40 ft	0.1200	4	1.00	1.00	OL	1.20	13000.00	10.00	70.00	7.00	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
BOLL WEEVIL ASSESS					
184	dryland	acre	6.00		
185	Irrigated	acre	12.00		
CROP INSURANCE					
170	corn - irrigated	acre	24.25		
211	corn sil - irrigated	acre	24.25		
4	cotton - dryland	acre	21.25		
5	cotton - irrigated	acre	35.00		
212	peanuts - irrigated	acre	12.00		
223	sorg-silage - irr.	acre	21.25		
221	sorg-sudan - dryland	acre	18.75		
222	sorg-sudan - irr.	acre	21.25		
213	sorghum - dryland	acre	25.00		
214	sorghum - irrigated	acre	26.25		
215	soybean - furrow irr	acre	23.00		
216	soybeans - irrigated	acre	23.00		
217	sunflowers - dryland	acre	11.00		
218	sunflowers - irr.	acre	12.00		
219	wheat - dryland	acre	19.50		
220	wheat - irrigated	acre	20.80		
CUSTOM					
171	crop consultant	acre	7.25		
92	cust harv-sorgh dry	acre	20.00		
94	cust harv-sunfl	acre	26.00		
96	cust harv-wheat	acre	20.00		
207	cust harvest -canola	acre	19.00		
208	cust haul - canola	cwt.	0.38		
100	cust haul-sorgh dry	cwt.	0.39		
103	cust haul-sunfl	cwt.	0.35		
191	cust haul-wheat dry	bu.	0.23		
90	custom baling	ton	25.00		
209	custom harv- cani	acre	23.00		
107	dig & shake - peanut	acre	21.50		
109	drying - peanut	ton	36.00		
111	fert appl - ANH3	acre	11.00		
110	fert application	acre	5.00		
115	fung & appl - peanut	appl	15.60		
117	ginning - cotton	cwt.	3.00		
120	harv & haul - corn	bu.	0.39		
121	harv & haul - cornsi	ton	6.75		
167	harv & haul - sorgh	ton	6.75		
124	harv & haul - soybea	bu.	0.50		
88	harv&haul - peanuts	ton	65.00		
125	harv&haul-wheat irr	bu.	0.50		
126	harvaid appl-cot dry	acre	25.00		
127	harvaid appl-cot irr	acre	25.00		
173	harvest & haul - sor	cwt.	0.88		
205	Herb + appl (Canola)	acre	11.35		
130	herb application	acre	5.00		
175	herb&appl-sorghumi	acre	23.65		
132	herb+appl - alfalfa	acre	26.00		
136	herb+appl - sorghum	acre	18.00		
133	herb+appl -corn post	acre	15.00		
137	herb+appl-soybeans i	acre	15.00		
139	hoeing - peanut	acre	16.80		
141	insec appl - alfalfa	appl	15.40		
142	insec+appl - cornsi	appl	25.40		
143	insec+appl - cotton	appl	13.40		
144	insec+appl - peanut	appl	13.40		
146	insec+appl - sorghum	appl	14.50		
151	insec+appl - wheat	acre	12.30		
210	insec+appl(canola i)	acre	21.85		

147	insec+appl-soybeans	acre	11.50	
206	Insect+Appl (Canola)	acre	13.40	
198	Pesticide appl	acre	5.00	
202	post emer herb+appld	acre	11.20	
190	post emerg herb+appl	acre	17.90	
134	preplant herb + appl	acre	13.40	
154	strip & module-cotto	cwt.	8.00	
181	strip till	acre	14.50	
FERTILIZER				
14	fert(N) - ANH3	lb.	0.43	
15	fert(N) - dry	lb.	0.48	
16	fert(N) - liquid	lb.	0.57	
17	fert(P) - dry	lb.	0.70	
18	fert(P) - liquid	lb.	0.71	
HERBICIDE				
197	2-4D	acre	1.71	
182	burndown herb	acre	18.00	
172	burndown&atrazene ap	acre	16.24	
193	glyphosphate	acre	4.48	
224	Herb + applic - SS	lb.	7.20	
162	herb - corn pre	acre	19.60	
163	herb -corn post	acre	27.80	
34	herb&appl-alfalfa	acre	26.00	
174	herb+appl-corns pre	acre	23.65	
38	herb.& appl.-fallow	acre	15.00	
27	herb.- peanut	acre	16.80	
29	herbicide rotation	acre	4.80	
194	Prowl H2O	acre	8.65	
INSECTICIDE				
157	miticide	acre	20.00	
195	seed insect. - sunfl	acre	4.48	
201	seed insect.-sunflc	acre	6.72	
200	seed insect.-sunfli	acre	5.60	
IRRIGATION FUEL				
168	Irrigation - CP	ac-in	4.75	Y
Pesticide				
196	ammo - pest	acre	3.51	
SEED				
177	conf. sunflower seed	acre	28.00	Assume 15,000 seeds/acre
39	innoculant peanut	acre	6.80	
188	innoculant soybeans	acre	7.84	
203	RR Canola Seed	lbs.	4.83	
55	seed - alfalfa	lb.	3.45	
56	seed - Bt corngr.	bags	255.00	
57	seed - corn silage	bags	255.00	
158	seed - cotton	bag	300.00	
58	seed - cotton dry	bag	300.00	
179	seed - Oilseed sunfl	acre	25.00	Assume 22,000 seeds/acre
59	seed - pasture	lb.	1.25	
60	seed - peanut	lb.	0.76	
61	seed - sorghum	lb.	1.70	
62	seed - soybeans	bag	60.00	
63	seed - sunflower	acre	15.00	
204	Seed Treatment - Can	acre	6.30	
64	seed- wheat	bu.	14.40	
180	sorghum-sudan	lb.	0.53	

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	
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
14	Pesticide
1	SEED

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Table 8. Products

RECORD			-----PRICES-----							
NUM	ITEM NAME	UNIT	BUDGET	CONTRACT	LOAN	FUTURES	HIGH	AVERAGE	LOW	COMMENT
23	Canola	cwt.	19.55	0.00	0.00	0.00	0.00	0.00	0.00	
21	Conf. Sunflowers	cwt	26.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	corn	bu.	5.25	0.00	0.00	0.00	0.00	0.00	0.00	
2	corn silage	ton	48.25	0.00	0.00	0.00	0.00	0.00	0.00	
3	cotton lint	lb.	0.83	0.00	0.00	0.00	0.00	0.00	0.00	
4	cottonseed	ton	190.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	grazing - irrigated	lbs	0.43	0.00	0.00	0.00	0.00	0.00	0.00	
7	grazing - sorghum	lb.	0.43	0.00	0.00	0.00	0.00	0.00	0.00	
8	grazing - wheat	lbs	0.43	0.00	0.00	0.00	0.00	0.00	0.00	
10	hay - alfalfa	ton	175.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	hay - sorghum	ton	90.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	Oilseed Sunflo	cwt	20.25	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	8.25	0.00	0.00	0.00	0.00	0.00	0.00	
20	sorghum silage	ton	43.50	0.00	0.00	0.00	0.00	0.00	0.00	
17	soybeans	bu.	10.70	0.00	0.00	0.00	0.00	0.00	0.00	
18	sunflowers	cwt.	20.25	0.00	0.00	0.00	0.00	0.00	0.00	
19	wheat	bu.	6.48	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	25.00	0.00	0.00	0.00
2	cash rent - alfalfa	1	110.00	0.00	0.00	0.00
25	cash rent - canola d	1	25.00	0.00	0.00	0.00
26	cash rent - canola I	1	65.00	0.00	0.00	0.00
3	cash rent - corn	1	110.00	0.00	0.00	0.00
4	cash rent - cottond	1	25.00	0.00	0.00	0.00
5	cash rent - cottonf	1	65.00	0.00	0.00	0.00
6	cash rent - cottoni	1	65.00	0.00	0.00	0.00
7	cash rent - dryland	1	25.00	0.00	0.00	0.00
9	cash rent - irrigate	1	110.00	0.00	0.00	0.00
10	cash rent - pasture	1	65.00	0.00	0.00	0.00
11	cash rent - peanuts	1	110.00	0.00	0.00	0.00
24	cash rent - sorghsil	1	65.00	0.00	0.00	0.00
15	cash rent - sorghumf	1	65.00	0.00	0.00	0.00
19	cash rent - wheatd	1	25.00	0.00	0.00	0.00
20	cash rent - wheati	1	65.00	0.00	0.00	0.00
14	cash rent- sorghum	1	25.00	0.00	0.00	0.00
16	cash rent- soybeans	1	65.00	0.00	0.00	0.00
17	cash rent-sunflowerd	1	25.00	0.00	0.00	0.00
18	cash rent-sunfloweri	1	65.00	0.00	0.00	0.00
21	lease - pasture	1	5.00	0.00	0.00	0.00
22	perennial crop	1	49.89	0.00	0.00	0.00
23	perennial crop - PP	1	40.12	0.00	0.00	0.00