

Table 1. Parameters

Diesel Fuel (DI) Price (\$/gal):	2.65
Electricity (EL) Price (\$/kWh):	0.10
Gasoline (GA) Price. (\$/gal):	2.90
LP Gas (LP) Price. (\$/gal):	2.02
Natural Gas (NG) Price (\$/ac-in):	8.25
Operator Labor (OL) Wage Rate. . . (\$/hr):	9.10
Hand Labor (HL) Wage Rate. (\$/hr):	9.10
Irrigation Labor (IL) Wage Rate. . (\$/hr):	9.10
Owner Labor (WL) Wage Rate (\$/hr):	9.10
Short-term Interest Rate (%):	7.80
Intermediate-term Interest Rate. . . (%):	7.80
Comment at End of Table Titles :	
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Table 3. Tractors

RECORD				FUEL			
NUM	ITEM NAME	SIZE	FUEL TYPE	CONS RATE	LABOR TYPE	LABOR MULT	PURCHASE PRICE
1	Tractor	100	DI	5.40	OL	1.00	54514.00
2	Tractor	125	DI	6.69	OL	1.00	74253.00
3	Tractor	150	DI	7.72	OL	1.00	80073.00
4	Tractor	175	DI	9.78	OL	1.00	92300.00
5	Tractor	40	DI	2.57	OL	1.00	21283.00
6	Tractor	75	DI	3.86	OL	1.00	34748.00

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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
1	Pickup Truck	3/4 ton	0.0067	GA	15.00	OL	0.00

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Table 4. Implements

RECORD NUM	ITEM NAME	SIZE	PERF RATE	TRAC NUM	TRAC MULT	FUEL MULT	LABOR TYPE	ADD LABO
1	bed planter		0.0572	2	1.00	1.00	HL	1.0
2	bedder		0.0572	3	1.00	1.00	OL	1.2
3	blade plow		0.0996	3	1.00	1.00	OL	1.2
4	box float		0.3273	5	1.00	1.00	OL	1.2
5	chisel		0.0996	2	1.00	1.00	OL	1.2
6	cultivator	12 row	0.0785	1	1.00	1.00	OL	1.2
7	cultivator	8 row	0.1181	6	1.00	1.00	OL	1.2
8	cultivator	rolling	0.1473	1	1.00	1.00	OL	1.2
9	cultivator 12 row	rolling	0.0736	2	1.00	1.00	OL	1.2
10	disc	offset	0.0788	1	1.00	1.00	OL	1.2
12	disc	tandem	0.1380	1	1.00	1.00	OL	1.2
14	field cultivator	35 ft	0.0654	3	1.00	1.00	OL	1.2
15	furrow opener	20 feet	0.1000	6	1.00	1.00	OL	1.2
13	grain drill		0.2121	5	1.00	1.00	HL	1.0
16	lister	20 ft	0.1145	1	1.00	1.00	OL	1.2
17	lister/planter	20 ft	0.1145	6	1.00	1.00	OL	1.2
18	moldboard		0.2864	2	1.00	1.00	OL	1.2
19	packer		0.2761	5	1.00	1.00	OL	1.2
20	planter	bed	0.1527	6	1.00	1.00	HL	1.0
21	planter	no-till	0.1527	1	1.00	1.00	HL	1.0
22	rod weeder	8 row	0.0775	1	1.00	1.00	OL	1.2
23	rotary hoe	8 row	0.0775	6	1.00	1.00	OL	1.2
24	sand fighter		0.0572	5	1.00	1.00	OL	1.2
25	shredder	4 row	0.2095	5	1.00	1.00	OL	1.2
26	sprayer	mounted	0.1577	1	1.00	1.00	HL	1.0
28	stalk cutter		0.0690	2	1.00	1.00	OL	1.0
29	Strip Plow	35-40 ft	0.1200	4	1.00	1.00	OL	1.2
27	sweep plow		0.0654	3	1.00	1.00	OL	1.2

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

Table 5. Operating Inputs

RECORD NUM	ITEM NAME	UNIT	PRICE	COST YIELD?	COMMENT
BOLL WEevil ASSESSES					
184	dryland	acre	6.00		
185	Irrigated	acre	12.00		
DROD INSURANCE					
170	corn - CD	acre	15.00		
5	cotton - CD	acre	20.00		
4	cotton - dryland	acre	12.25		
CUSTOM					
86	aerial spray - sunfl	acre	4.20		
271	crop consultant	acre	6.00		
92	cust harv-sorgh dry	acre	12.60		
94	cust harv-sunfl dry	acre	22.00		
95	cust harv-sunfl irr	acre	22.00		
96	cust harv-wheat dry	acre	12.60		
97	cust harv-wheat irr	acre	12.60		
207	cust harvest canola	acre	16.00		
208	cust haul - canola	cwt.	0.32		
100	cust haul-sorgh dry	cwt.	0.28		
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		
209	custom harv- canl	acre	19.04		
98	custom hauling	bu.	0.13		
105	custom sawthing	acre	5.50		
107	dig & make - peanut	acre	22.50		
109	drying - peanut	ton	30.00		
111	fert appl - AMH3	acre	9.00		
112	fert appl - dry	acre	4.50		
169	fert appl - liquid	acre	4.50		
113	fert appl - peanut	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.	2.40		
120	harv & haul - corn	bu.	0.26		
121	harv & haul - cornst	ton	4.66		
122	harv & haul - hay	ton	22.00		
167	harv & haul - sorgh	ton	4.66		
124	harv & haul - soybean	bu.	0.33		
88	harv&haul - peanuts	ton	55.00		
125	harv&haul-wheat irr	bu.	0.44		
126	harv&id appl-cot dry	acre	20.00		
127	harv&id appl-cot irr	acre	25.00		
119	harvest & haul	cwt.	1.38		
173	harvest & haul - sor	cwt.	0.53		
205	Herb + appl (Canola)	acre	10.13		
130	herb application	acre	4.50		
175	herb&appl-sorghum	acre	21.12		
132	herb&appl - alfalfa	acre	23.25		
135	herb&appl - rot	acre	12.00		
136	herb&appl - sorghum	acre	16.20		
133	herb&appl -corn post	acre	15.00		
137	herb&appl-soybeans	acre	9.00		
139	hoeing - peanut	acre	15.00		
166	hoeing -dry cotton	acre	12.00		
141	insec appl - alfalfa	appl	13.75		
142	insec&appl - cornst	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		
210	insec&appl(canola i)	acre	19.50		
147	insec&appl-soybeans	acre	10.24		
148	insec&appl-sunflw1	appl	14.00		
149	insec&appl-sunflw2	appl	14.00		
150	insec&appl-sunflower	appl	8.00		
206	insect&appl (canola)	acre	12.00		
140	insecticide appl	appl	10.00		
198	pesticide appl	acre	4.50		
202	post emer herb&appld	acre	10.00		
190	post emer herb&appl	acre	16.00		
134	proplant herb + appl	acre	12.00		
153	soil test	acre	0.50		
154	strip & module-cotto	cwt.	1.45		
181	strip till	acre	15.00		
155	thinning - custom	acre	25.00		
FERTILIZERS					
13	fert(N) - alfalfa	lb.	0.31		
14	fert(N) - AMH3	lb.	0.28		
15	fert(N) - dry	lb.	0.49		
16	fert(N) - liquid	lb.	0.57		
17	fert(P) - dry	lb.	0.47		
18	fert(P) - liquid	lb.	0.44		
48	nitrogen - dry	lb.	0.49		
51	phosphate - dry	lb.	0.47		
FUNGICIDE					
19	fungicide	appl	8.00		
HERBICIDE					
197	2-4D	acre	1.53		
182	burndown herb	acre	10.00		
172	burndown&trazene ap	acre	14.50		
193	glyphosphate	acre	4.00		
162	herb - corn pre	acre	17.50		
163	herb -corn post	acre	24.45		
34	herb&appl-alfalfa	acre	28.50		
35	herb&appl-rot81	acre	12.00		
174	herb&appl-corn pre	acre	21.12		
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- rot82	acre	9.00		
37	herb.&appl. - rot83	acre	15.00		
27	herb. - peanut	acre	15.00		
29	herbicide rotatfan	acre	4.80		
192	herbicide-hyb trial	acre	28.26		
194	Flow H2O	acre	7.72		
INSECTICIDE					
43	insec. - sunflower	acre	14.00		
40	insec - alfalfa	acre	10.75		
44	insec. - wheat	acre	12.50		
157	miticide	acre	25.00		
156	rootworm ins&appl	appl	14.65		
185	seed insect. - sunfl	acre	4.00		
201	seed insect.-sunfl	acre	6.00		
200	seed insect.-sunfl	acre	5.00		
IRRIGATION FUEL					
168	Irrigation - CD	ac-in	8.25	Y	
Pesticide					
196	ammo - pest	acre	3.13		
SEED					
199	conf sunflower seed	acre	23.00		
177	conf. sunflower seed	acre	23.00		Assume 15,000 seeds/acre
39	innoculant peanut	acre	6.00		
188	innoculant soybeans	acre	7.00		
203	RR Canola Seed	lbs.	4.60		
56	seed - alfalfa	lb.	3.55		
56	seed - Bt corrgr.	bags	132.00		
57	seed - corn silage	bags	114.00		
158	seed - cotton	lb.	2.60		
58	seed - cotton dry	lb.	0.63		
179	seed - Oilseed sunfl	acre	20.00		Assume 22,000 seeds/acre
59	seed - pasture	lb.	1.25		
60	seed - peanut	lb.	0.81		
61	seed - sorghum	lb.	1.35		
62	seed - soybeans	lb.	0.45		
63	seed - sunflower	acre	12.00		
204	Seed Treatment - Can	acre	6.00		
65	seed treatment-cotn	acre	11.50		
64	seed- wheat	bu.	12.30		
186	seed- wheat g	bu.	12.10		
180	sorghum-sudan	lb.	0.38		

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 /ACR
6	Center Pivot	ac-in	NG	1.0000	2.030	IL	0.0640	0.000	33.6
5	Furrow	ac-in	NG	1.0000	1.800	IL	0.1405	0.000	24.6

ED
ST
RE COMMENT

60
62

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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
25	cash rent - canola d	1	20.00	0.00	0.00	0.00
26	cash rent - canola I	1	60.00	0.00	0.00	0.00
3	cash rent - corn	1	100.00	0.00	0.00	0.00
4	cash rent - cottond	1	20.00	0.00	0.00	0.00
5	cash rent - cottonf	1	60.00	0.00	0.00	0.00
6	cash rent - cottoni	1	60.00	0.00	0.00	0.00
7	cash rent - dryland	1	20.00	0.00	0.00	0.00
9	cash rent - irrigat	1	100.00	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	100.00	0.00	0.00	0.00
15	cash rent - sorghumf	1	60.00	0.00	0.00	0.00
19	cash rent - wheatd	1	20.00	0.00	0.00	0.00
20	cash rent - wheati	1	60.00	0.00	0.00	0.00
14	cash rent- sorghum	1	20.00	0.00	0.00	0.00
16	cash rent- soybeans	1	60.00	0.00	0.00	0.00
17	cash rent-sunflowerd	1	20.00	0.00	0.00	0.00
18	cash rent-sunfloweri	1	60.00	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

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Table 8. Products

RECORD			-----PRICES-----							
NUM	ITEM NAME	UNIT	BUDGET	CONTRACT	LOAN	FUTURES	HIGH	AVERAGE	LOW	COMMENT
23	Canola	cwt.	15.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	Conf. Sunflowers	cwt	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	corn	bu.	4.11	0.00	0.00	0.00	0.00	0.00	0.00	
2	corn silage	ton	38.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	cotton lint	lb.	0.56	0.00	0.00	0.00	0.00	0.00	0.00	
4	cottonseed	ton	150.00	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	160.00	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	425.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	sorghum	cwt	6.43	0.00	0.00	0.00	0.00	0.00	0.00	
20	sorghum silage	ton	34.20	0.00	0.00	0.00	0.00	0.00	0.00	
17	soybeans	bu.	8.73	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.	6.33	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.*