

*Projections for Planning Purposes Only
Not to be Used without Updating after October 15, 2004*

Table 1. Parameters

Diesel Fuel (DI) Price(\$/gal):	1.73
Electricity (EL) Price(\$/kWh):	0.07
Gasoline (GA) Price.(\$/gal):	1.83
LP Gas (LP) Price.(\$/gal):	1.49
Natural Gas (NG) Price(\$/Mcf):	7.00
Operator Labor (OL) Wage Rate. . . (\$/hr):	8.00
Hand Labor (HL) Wage Rate. (\$/hr):	8.00
Irrigation Labor (IL) Wage Rate. . (\$/hr):	8.00
Owner Labor (WL) Wage Rate (\$/hr):	8.00
Short-term Interest Rate(%):	6.50
Intermediate-term Interest Rate. . . (%):	6.50
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	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
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		UNIT	PRICE	COST	
NUM	ITEM NAME			YIELD?	COMMENT
	2 corral repair	head	1.55		
CROP	INSURANCE				
	5 cotton - irrig	acre	20.00		
	4 cottond	acre	15.00		
CUSTOM					
	86 aerial spray - sunfl	acre	4.20		
	91 cust harv - peanuts	ton	33.00		
	92 cust harv - sorghumd	acre	11.00		
	93 cust harv - sorghumi	cwt.	0.33		
	94 cust harv - sunflowd	acre	16.50		
	95 cust harv - sunflowi	acre	16.50		
	96 cust harv - wheatd	acre	13.20		
	97 cust harv - wheati	acre	16.50		
	99 cust haul - peanuts	ton	11.00		
	100 cust haul - sorghumd	cwt.	0.28		
	101 cust haul - sorghumi	cwt.	0.28		
	102 cust haul - soybeans	bu.	0.17		
	103 cust haul - sunflowe	cwt.	0.28		
	104 cust haul - wheat	bu.	0.13		
	89 custom baling	bale	0.66		
	90 custom baling -round	ton	22.00		
	98 custom hauling	bu.	0.13		
	105 custom swathing	acre	5.50		
	107 dig & shake - peanut	acre	17.50		
	109 drying - peanut	ton	20.00		
	111 fert appl - ANH3	acre	6.60		
	112 fert appl - dry	acre	3.30		
	113 fert appl - peanut	acre	5.25		
	110 fert application	acre	3.30		
	115 fung & appl - peanut	appl	12.00		
	114 fungicide & appl	appl	15.00		
	116 gin, bag & ties	cwt.	1.75		
	117 ginning - cotton	cwt.	2.25		
	120 harv & haul - corn	bu.	0.31		
	121 harv & haul - cornsi	ton	4.66		
	122 harv & haul - hay	ton	22.00		
	124 harv & haul - soybea	bu.	0.33		
	125 harv & haul - wheati	bu.	0.44		
	87 harv&haul - cotton	cwt.	1.38		
	88 harv&haul - peanuts	ton	49.50		
	126 harvaid appl - cott	acre	20.00		
	127 harvaid appl - cotti	acre	25.00		
	119 harvest & haul	cwt.	1.38		
	128 hauling sunflower	cwt.	0.25		
	130 herb application	acre	3.30		
	129 herb sunflowerd	acre	11.49		
	132 herb+appl - alfalfa	acre	18.05		
	161 herb+appl - corn pre	acre	17.30		
	134 herb+appl - cotton	acre	15.00		
	135 herb+appl - rot	acre	12.00		
	136 herb+appl - sorghum	acre	18.66		
	137 herb+appl - soybean1	acre	11.63		
	133 herb+appl -corn post	acre	19.30		
	138 hoeing	acre	12.60		
	139 hoeing - peanut	acre	15.00		
	166 hoeing -dry	acre	12.00		
	142 inse + appl - corn	appl	22.73		
	141 insect appl - alfalfa	appl	13.75		
	143 insect+appl - cotton	appl	10.50		
	144 insect+appl - peanut	appl	10.00		
	146 insect+appl - sorghum	appl	13.00		
	151 insect+appl - wheat	acre	11.00		
	147 insect+appl-soybeans	acre	10.24		
	148 insect+appl-sunflow1	appl	7.35		
	149 insect+appl-sunflow2	appl	16.66		
	150 insect+appl-sunflower	appl	8.00		
	140 insecticide appl	appl	10.00		
	153 soil test	acre	0.50		
	6 stocker delivery	head	5.00		
	154 strip & module-cotto	cwt.	1.25		
	155 thinning - custom	acre	25.00		

*Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation.
These projections were collected and developed by staff members of Texas Cooperative Extension and approved for publication*

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7	fallow land - confix	acre	32.94
9	fallow land- convar	acre	11.99
11	fallow land-min var	acre	17.23
10	fallow land-minfixd	acre	23.94
FEED			
3	cottonseed meal	lb	0.09
22	hay	lb.	0.06
23	hay - stocker	ton	105.00
50	pasture	\$/mo	10.00
54	salt & minerals	lb.	0.23
84	wheat pasture	cwt.	3.00
12	fence repair	head	4.00
FERTILIZER			
160	fert (N) - cotton	lb.	0.31
159	fert (P) - cotton	lb.	0.27
13	fert(N) - alfalfa	lb.	0.31
14	fert(N) - ANH3	lb.	0.19
15	fert(N) - dry	lb.	0.31
16	fert(N) - liquid	lb.	0.32
17	fert(P) - dry	lb.	0.27
18	fert(P) - liquid	lb.	0.32
48	nitrogen	lb.	0.31
49	nitrogen - peanut	lb.	0.31
51	phosphate	lb	0.27
52	phosphate- peanut	lb.	0.27
FUNGICIDE			
19	fungicide	appl	8.00
32	herb. - sunflowerd	acre	13.44
21	gin,bags & ties	cwt.	1.75
HERBICIDE			
34	herb&appl-alfalfa	acre	18.05
35	herb&appl.-rot#1	acre	12.00
162	herb+appl - corn pre	acre	17.30
163	herb+appl -corn post	acre	19.30
33	herb. & appl - sunfl	acre	11.75
24	herb. - alfalfa	acre	17.75
26	herb. - cotton	acre	15.00
30	herb. - sorghumi	acre	18.66
31	herb. - soybean	acre	11.63
38	herb.& appl. - wheat	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
INSECTICIDE			
164	Boll Weevil - Dry	acre	6.00
165	Boll Weevil - Irr	acre	12.00
42	insec. - sorghum	acre	10.80
43	insec. - sunflower	acre	13.66
40	insect - alfalfa	acre	10.75
41	insect. - corn	acre	19.73
44	insect. - wheat	acre	11.00
157	miticide	acre	23.50
156	rootworm ins&appl	appl	14.65
45	marketing-cow/calf	head	5.00
47	misc. - stocker	head	1.00
46	misc.- cow/calf	head	3.00
53	range improvement	acre	0.40
SEED			
39	innoculant	acre	5.00
55	seed - alfalfa	lb.	2.92
57	seed - corn silage	bags	83.50
56	seed - corngr.	bags	111.50
58	seed - cotton	lb.	0.60
158	seed - cotton (RR)	lb.	1.50
59	seed - pasture	lb.	1.25
60	seed - peanut	lb.	0.81
61	seed - sorghum	lb.	1.21
62	seed - soybean	lb.	0.50
63	seed - sunflower	lb.	4.00
65	seed treatment-cttn	acre	12.00
64	seed- wheat	bu.	7.00

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68	set aside - corn f	acre	52.94
69	set aside - corn v	acre	7.29
70	set aside - drycon f	acre	23.10
71	set aside - drycon v	acre	7.79
72	set aside - irrgrn f	acre	32.94
73	set aside - irrgrn v	acre	7.29
74	set aside - rowf	acre	31.66
76	set aside - wheatf	acre	30.16
77	set aside - wheatv	acre	17.82
75	set aside- rowv	acre	17.90
78	stocker steers	cwt.	82.00
79	stocker steers-winte	cwt.	78.00
81	vet & processing	head	15.00
82	vet. medicine	head	7.50
83	water facil repair	head	2.50

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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
3	irrig.-CP(nat. gas)	ac-in	NG	1.0000	2.030	IL	0.0640	0.000	33.60	
2	irrigation - nat.gas	ac-in	NG	1.0000	1.800	IL	0.1405	0.000	24.62	

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Table 7. Operating Input Categories

RECORD	
NUM	ITEM NAME
10	
9	CROP INSURANCE
8	CUSTOM
7	FEED
6	FERTILIZER
5	FUNGICIDE
4	HARVEST AID
3	HERBICIDE
2	INSECTICIDE
1	SEED

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Table 8. Products

RECORD		-----PRICES-----								COMMENT
NUM	ITEM NAME	UNIT	BUDGET	CONTRACT	LOAN	FUTURES	HIGH	AVERAGE	LOW	
1	corn	bu.	2.55	0.00	0.00	0.00	0.00	0.00	0.00	
2	corn silage	ton	26.50	0.00	0.00	0.00	0.00	0.00	0.00	
3	cotton lint	lb.	0.52	0.00	0.00	0.00	0.00	0.00	0.00	
4	cottonseed	ton	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	grazing - dryland	days	0.15	0.00	0.00	0.00	0.00	0.00	0.00	
6	grazing - irrigated	days	0.36	0.00	0.00	0.00	0.00	0.00	0.00	
7	grazing - sorghum	lb.	0.35	0.00	0.00	0.00	0.00	0.00	0.00	
8	grazing - wheat	days	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
9	grazing - wheati	days	0.40	0.00	0.00	0.00	0.00	0.00	0.00	
10	hay - alfalfa	ton	120.00	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	
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	3.85	0.00	0.00	0.00	0.00	0.00	0.00	
20	sorghum silage	ton	24.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	soybean	bu.	4.91	0.00	0.00	0.00	0.00	0.00	0.00	
18	sunflowers	cwt.	11.55	0.00	0.00	0.00	0.00	0.00	0.00	
19	wheat	bu.	3.11	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	75.00	0.00	0.00	0.00
3	cash rent - corn	1	75.00	0.00	0.00	0.00
4	cash rent - cottond	1	15.00	0.00	0.00	0.00
5	cash rent - cottonf	1	45.00	0.00	0.00	0.00
6	cash rent - cottoni	1	45.00	0.00	0.00	0.00
7	cash rent - dryland	1	15.00	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	75.00	0.00	0.00	0.00
15	cash rent - sorghumf	1	45.00	0.00	0.00	0.00
19	cash rent - wheatd	1	15.00	0.00	0.00	0.00
20	cash rent - wheati	1	45.00	0.00	0.00	0.00
14	cash rent- sorghum	1	15.00	0.00	0.00	0.00
16	cash rent- soybeans	1	45.00	0.00	0.00	0.00
17	cash rent-sunflowerd	1	15.00	0.00	0.00	0.00
18	cash rent-sunfloweri	1	45.00	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