

*Projections for Planning Purposes Only  
Not to be Used without Updating after October 15, 2003*

Table 1. Parameters

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Diesel Fuel (DI) Price . . . . . (\$/gal):	1.06
Electricity (EL) Price . . . . . (\$/kWh):	0.07
Gasoline (GA) Price . . . . . (\$/gal):	1.47
LP Gas (LP) Price . . . . . (\$/gal):	1.12
Natural Gas (NG) Price . . . . . (\$/Mcf):	5.37
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 . . . . . (%) :	9.00
Intermediate-term Interest Rate . . . (%) :	9.00
Comment at End of Table Titles . . . . . :	
Comment at End of Tables:	

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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
2	4 row stripper		0.2500	DI	6.00	OL	0.00	45000.00	60.00	50.00	10.00	200.00
1	pickup truck	3/4 ton	0.0067	DI	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 hp	100	DI	5.40	OL	1.00	54514.00	65.0	50.00	10.00	400.00
2	tractor 125	125	DI	6.69	OL	1.00	74253.00	65.0	50.00	10.00	500.00
3	tractor 150	150	DI	7.72	OL	1.00	80073.00	65.0	50.00	10.00	600.00
4	Tractor 40	40	DI	2.57	OL	1.00	21283.00	65.0	50.00	10.00	350.00
5	Tractor 75	75	DI	3.86	OL	1.00	34748.00	65.0	50.00	10.00	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
29	8 row hooded sprayer		0.1577	2	1.00	1.00		0.00	2000.00	10.00	70.00	10.00	125.00
1	chisel		0.1980	5	1.00	1.00		0.00	3300.00	10.00	70.00	10.00	150.00
2	chisel 26 ft	26 ft	0.0996	3	1.00	1.00		0.00	6200.00	10.00	70.00	10.00	300.00
3	combine peanut		0.5978	1	1.00	1.00		0.00	14850.00	10.00	70.00	10.00	200.00
26	cotton stripper	6.6 ft	0.6663	1	1.00	1.00		0.00	12050.00	10.00	70.00	10.00	450.00
4	cultivator 4 row		0.2474	5	1.00	1.00		0.00	2500.00	10.00	70.00	10.00	150.00
5	cultivator 6 row		0.1473	5	1.00	1.00		0.00	4000.00	10.00	70.00	10.00	150.00
27	cultivator 8 row		0.1100	3	1.00	1.00		0.00	6000.00	10.00	70.00	10.00	150.00
6	cultivator rolling		0.1608	5	1.00	1.00		0.00	3300.00	10.00	70.00	10.00	175.00
7	digger - peanut		0.3420	1	1.00	1.00		0.00	6050.00	10.00	70.00	10.00	175.00
8	disc - tandem	13 ft	0.1592	5	1.00	1.00		0.00	4500.00	10.00	70.00	10.00	150.00
9	disc-tandem 21 feet	21 ft	0.1051	1	1.00	1.00		0.00	18000.00	10.00	70.00	10.00	225.00
10	disc/bedder	18 ft	0.1432	1	1.00	1.00		0.00	3050.00	10.00	70.00	10.00	150.00
11	drill - 12 ft	12 ft	0.2387	5	1.00	1.00		0.00	3850.00	10.00	70.00	10.00	150.00
12	drill - 8 ft	8 ft	0.3580	4	1.00	1.00		0.00	2000.00	10.00	70.00	10.00	150.00
13	fert. spreader	20 ft	0.1161	4	1.00	1.00		0.00	2000.00	10.00	70.00	10.00	100.00
14	lister	20 ft	0.1145	1	1.00	1.00		0.00	1590.00	10.00	70.00	10.00	225.00
15	lister/bedder		0.2423	1	1.00	1.00		0.00	2850.00	10.00	70.00	10.00	150.00
16	lister/planter		0.1145	1	1.00	1.00		0.00	4500.00	10.00	70.00	10.00	175.00
17	moldboard plow	4 bottom	0.4745	2	1.00	1.00		0.00	4250.00	10.00	70.00	10.00	200.00
18	planter 4 row	13 ft	0.1894	5	1.00	1.00		0.00	1695.00	10.00	70.00	10.00	75.00
19	planter 6 row	18 ft	0.1527	5	1.00	1.00		0.00	9350.00	10.00	70.00	10.00	225.00
28	planter 8 row		0.1345	2	1.00	1.00		0.00	11000.00	10.00	70.00	10.00	225.00
20	sand fighter	22 ft.	0.0572	4	1.00	1.00		0.00	1000.00	10.00	70.00	10.00	125.00
21	shredder - 2 row	6 ft	0.4424	4	1.00	1.00		0.00	2000.00	10.00	70.00	10.00	100.00
22	shredder 4 row	13 ft	0.2095	5	1.00	1.00		0.00	5000.00	10.00	70.00	10.00	150.00
24	sprayer - 24 ft		0.1351	5	1.00	1.00		0.00	2750.00	10.00	70.00	10.00	125.00
23	sprayer 12 ft		0.2644	4	1.00	1.00		0.00	1200.00	10.00	70.00	10.00	100.00
25	sprayer mounted	60 ft	0.1577	2	1.00	1.00		0.00	650.00	10.00	70.00	10.00	125.00

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Table 5. Operating Inputs

RECORD NUM	ITEM NAME	UNIT	PRICE	COST YIELD?	COMMENT
crop insurance					
7	cotton insurance	acre	13.00		
8	dry cotton insurance	acre	12.00		
84	sorghum insurance	acre	3.00		
9	wheat insurance	acre	4.25		
custom					
75	boll weevil erad	acre	8.00		
63	cust. harv - wheat	acre	12.00		
62	cust. harv. - sorghu	acre	11.00		
60	custom baling	bale	0.80		
61	custom combining	acre	10.00		
68	custom fertilizing	acre	1.75		
64	custom haul - oats	bu.	0.30		
65	custom haul - sorghu	cwt.	0.20		
66	custom haul - wheat	bu.	0.20		
67	drying - peanuts	ton	22.50		
15	gin, bags, ties	lb.	0.12		
70	haul & mkt - stocker	head	7.50		
69	haul & stack	bale	0.40		
71	insect appl.	acre	3.50		
72	overage - wheat	bu.	0.12		
48	shearing - goats	head	1.65		
49	shearing - sheep	head	2.00		
73	sprigging	acre	30.00		
74	stripping	lb.	0.07		
feed					
16	hay	bale	2.00		
23	lamb feed	lb.	0.09		
59	pasture - wheat	lb.	0.32		
38	range cubes	lb	0.10		
40	salt & mineral	lb.	0.15		
51	suppl. feed - goats	lb.	0.08		
52	suppl. feed - sheep	lb.	0.08		
fertilizer					
11	fert (N) - wheat	lb	0.12		
10	fert (N) applied	lb	0.30		
12	fert (P) - applied	lb.	0.30		
83	fertilizer	lb.	0.12		
34	nitrogen	lb.	0.16		
35	phosphate	lb.	0.23		
36	potash	lb.	0.12		
fungicide					
13	fungicide - foliar	appl	4.25		
14	fungicide - soil	appl	7.00		
harvest					
76	defoliant - cyclone	acre	4.75		
herbicide					
18	herbicide	lb.	7.00		
19	herbicide - cotton	pint	2.40		
17	pre-emerge, herb	acre	3.40		
insecticide					
85	insec&appl-sorghum	acre	7.00		
20	insecticide	appl	11.50		
21	insecticide - cotton	lb.	6.25		
22	insecticide - wheat	acre	6.25		
misc.					
1	advertising - deer	year	100.00		
2	allotment leas. pean	lb.	0.02		
5	broker - cotton	acre	1.25		
4	buck exp. - mgoat	head	72.15		
3	buck expense - goat	head	81.02		
24	deer license	year	135.00		
25	marketing - goat	head	1.75		
26	marketing - sheep	head	1.75		
31	misc - cotton	acre	5.00		
27	misc - cow/calf	dollar	1.00		
32	misc - stocker	dollar	2.00		
33	misc - wheat	acre	1.00		
29	misc- goats	head	1.00		
28	misc. - deer	dollar	500.00		
30	misc. - sheep	dollar	1.00		

*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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37	ram expense	head	79.12
39	sales commission	head	8.00
50	stocker steers	cwt.	70.00
pre-harvest			
81	caparol + direx	acre	3.00
86	caparol+direx 2	acre	3.50
82	generic RU	acre	4.00
87	generic RU 2	acre	6.50
88	generic RU 3	acre	5.00
89	Generic Ru and 24D	acre	6.12
seed			
41	seed - cotton	lb.	1.27
42	seed - klein grass	lb	5.00
43	seed - oats	bu	6.00
crop insurance			
47	seed - rye	lb.	0.14
seed			
44	seed - sorghum	lb.	2.00
45	seed - wheat	bu.	0.15
46	seed -peanut	lb.	0.82
6	seed corn	lb	0.06
vet. medicine			
54	vet - cow/calf	head	14.32
55	vet - goats	head	1.65
56	vet - mgoats	head	0.98
53	vet fert. test - bul	year	40.00
57	vet. - sheep	head	1.25
58	vet. - stocker	head	12.50

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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
1	irrigation	ac/in	NG	1.0000	2.030		0.0640	0.000	33.60	

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Table 7. Operating Input Categories

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RECORD	
NUM	ITEM NAME
6	crop insurance
4	custom
8	feed
2	fertilizer
5	fungicide
11	harvest
3	herbicide
10	insecticide
7	misc.
12	pre-harvest
1	seed
9	vet. medicine

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Table 8. Products

RECORD			-----PRICES-----							COMMENT
NUM	ITEM NAME	UNIT	BUDGET	CONTRACT	LOAN	FUTURES	HIGH	AVERAGE	LOW	
1	cotton lint	lb.	0.52	0.00	0.00	0.00	0.00	0.00	0.00	
2	cottonseed	ton	120.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	hay - coastal	ton	45.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	hay - sorghum	ton	35.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	oats	bu.	1.25	0.00	0.00	0.00	0.00	0.00	0.00	
6	pasture - coastal	aum	8.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	pasture - klein gras	aum	8.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	pasture - sm. grain	aum	8.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	pasture - wheat	lb/g	0.32	0.00	0.00	0.00	0.00	0.00	0.00	
10	peanuts	lb.	0.30	0.00	0.00	0.00	0.00	0.00	0.00	
11	sorghum	cwt	4.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	wheat	bu.	3.17	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
3	crops	1	12.00	0.00	0.00	0.00
1	dry land cotton	1	27.77	0.00	0.00	0.00
4	forage	1	12.00	0.00	0.00	0.00
2	irr. cotton	1	80.00	0.00	0.00	0.00
9	land charge-sorghum	1	29.00	0.00	0.00	0.00
6	pasture rent	1	7.00	0.00	0.00	0.00
5	wheat	1	29.00	0.00	0.00	0.00