

*Projections for Planning Purposes Only  
Not to be Used without Updating after November 1, 2005*

B-1241 (L5)

Table 1. Parameters

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Diesel Fuel (DI) Price . . . . . (\$/gal):	2.42
Electricity (EL) Price . . . . . (\$/kWh):	0.09
Gasoline (GA) Price. . . . . (\$/gal):	2.10
LP Gas (LP) Price. . . . . (\$/gal):	1.49
Natural Gas (NG) Price . . . . . (\$/Mcf):	6.50
Operator Labor (OL) Wage Rate. . . (\$/hr):	6.50
Hand Labor (HL) Wage Rate. . . . . (\$/hr):	7.50
Irrigation Labor (IL) Wage Rate. . (\$/hr):	6.50
Owner Labor (WL) Wage Rate . . . . (\$/hr):	6.50
Short-term Interest Rate . . . . . (%):	9.00
Intermediate-term Interest Rate. . . (%):	9.00
Comment at End of Table Titles . . . . . :	- East Texas (5)
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
1	Pickup truck	3/4 ton	0.0067	GA	15.00	OL	0.00	30000.00	16.00

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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 100hp	100	DI	5.40	OL	1.00	43100.00	38.0	60.00	7.00	880.00
2	Tractor 125 hp	125	DI	6.69	OL	1.00	57700.00	38.0	60.00	7.00	600.00
3	Tractor 40 hp	40	DI	2.57	OL	1.00	16800.00	38.0	70.00	7.00	360.00
4	Tractor 50 hp	50	DI	3.15	OL	1.00	13750.00	38.0	60.00	7.00	400.00
5	Tractor 75 hp	75	DI	3.86	OL	1.00	29100.00	38.0	75.00	7.00	555.00

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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	Bale Mover		0.1542	4	1.00	1.00	HL	1.20	500.00	10.00	80.00	7.00	200.00
2	Broadcast seeder		0.1539	3	1.00	1.00		1.20	500.00	10.00	80.00	7.00	50.00
4	cultivator - 13 ft		0.2436	4	1.00	1.00		1.20	2000.00	10.00	80.00	7.00	150.00
5	cultivator - 20 ft		0.1620	5	1.00	1.00		1.20	2000.00	10.00	80.00	7.00	150.00
3	cultivator - rolling		0.1833	5	1.00	1.00		1.20	2000.00	10.00	80.00	7.00	250.00
6	disc offset		0.2070	1	1.00	1.00		1.20	3000.00	10.00	80.00	7.00	100.00
8	disc-tandem - 8 ft	8ft	0.2761	5	1.00	1.00	OL	1.20	1400.00	10.00	80.00	7.00	100.00
7	disc-tandem 13 ft	13 ft	0.1699	1	1.00	1.00		1.20	2800.00	10.00	80.00	7.00	100.00
10	fert. spreader		0.1539	3	1.00	1.00	OL	1.20	100.00	10.00	80.00	7.00	50.00
9	grain drill		0.2864	3	1.00	1.00	OL	1.20	1450.00	10.00	80.00	7.00	50.00
11	harrow		0.2546	3	1.00	1.00		1.20	1000.00	10.00	80.00	7.00	35.00
12	lister/bedder		0.1938	5	1.00	1.00		1.20	1400.00	10.00	80.00	7.00	175.00
13	moldboard - 3 bottom		0.5729	5	1.00	1.00		1.20	1200.00	10.00	80.00	7.00	100.00
14	moldboard - 4 bottom		0.4323	5	1.00	1.00		1.20	1680.00	10.00	80.00	7.00	100.00
15	planter		0.2297	5	1.00	1.00		1.20	1680.00	10.00	80.00	7.00	30.00
16	shredder - 2 row	2 row	0.4153	3	1.00	1.00		1.20	1795.00	10.00	80.00	7.00	50.00
17	shredder - 4 row	4 row	0.2095	4	1.00	1.00		1.20	3250.00	10.00	80.00	7.00	50.00
18	sprayer		0.2925	3	1.00	1.00		1.20	675.00	10.00	80.00	7.00	100.00
19	sprayer - airblast		0.1351	3	1.00	1.00		1.20	6600.00	10.00	80.00	7.00	75.00
20	sprayer - pasture		0.1297	4	1.00	1.00		1.20	775.00	10.00	80.00	7.00	50.00

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Table 5. Operating Inputs

RECORD		COST			
NUM	ITEM NAME	UNIT	PRICE	YIELD?	COMMENT
custom					
60	cust baling - round	ton	12.00		
61	cust baling - square	bale	0.75		
70	cust hauling	roll	2.00		
62	custom drill	acre	5.00		
63	custom plant -smgr	acre	10.00		
64	custom plow	acre	10.00		
65	fert appl	appl	2.25		
66	herb. appl	acre	4.00		
67	insect appl	appl	8.20		
68	mow,rake,bale	bale	0.65		
44	rye-ryegrass - past	lb	155.72		
69	sprigging	acre	100.00		
feed					
12	hay	roll	30.00		
13	hay - cow/calf	roll	21.56		
14	hay stocker	roll	20.00		
46	salt	lb.	0.06		
fertilizer					
8	(K) applied	lb.	0.18		
9	(N) applied	lb.	0.42		
10	(P) applied	lb.	0.28		
3	0-0-60	lb.	0.13		
4	16-6-12	lb.	0.10		
5	17-17-17	lb.	0.20		
6	46-0-0	lb.	0.14		
7	6-24-24	lb.	0.11		
31	lime	ton	30.00		
33	nitrogen	lb.	0.42		
34	nitrogen - dry	lb.	0.37		
35	nitrogen - pasture	lb.	0.42		
36	nitrogen - sorghum	lb.	0.25		
39	phosphate	lb.	0.20		
40	phosphate - sorghum	lb.	0.27		
41	phosphorus	lb.	0.18		
42	potash	lb.	0.18		
43	potassium	lb.	0.14		
fungicide					
11	foliar fungicide	appl	4.90		
57	soil fungicide	appl	16.15		
herbicide					
1	2-4-D	qt	2.56		
16	hay - herbicide	acre	5.00		

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RECORD				COST	
NUM	ITEM NAME	UNIT	PRICE	YIELD?	COMMENT
17	pasture - herbicide	acre	6.00		
15	pre-emerg - bermuda	acre	6.00		
18	sorghum - herb.	acre	6.50		
58	weed control	appl.	43.75		
19	wheat - herb.	oz.	15.00		
innoculant					
20	arrowleaf - innoc.	acre	2.00		
21	crimson - innoc.	acre	2.00		
22	soybeans - innoc	acre	0.75		
23	yuchi - innoc.	acre	4.00		
insecticide					
26	insec soybeans	appl	5.50		
24	insec. small grain	appl	6.00		
25	insec. sorghum	appl	5.00		
27	insec. wheat	acre	6.00		
misc.					
29	land rent	acre	15.00		
30	leased land - opport	head	10.00		
32	lp gas	gal	1.00		
pasture					
2	coastal berm. pastur	acre	79.23		
37	pasture - winter	acre	134.47		
38	pasture rent	acre	12.00		
55	small grain ryegrass	acre	149.90		
56	small grains - pastu	acre	118.65		
59	wheat pasture	lb.	155.72		
seed					
45	rye-ryegrass - sodse	acre	149.90		
71	seed - Apache	lb.	2.05		
50	seed - arrowleaf	lb.	1.20		
28	seed - clover w/ rye	acre	101.35		
51	seed - crimson clove	lb.	1.40		
52	seed - elbon rye	lb.	0.16		
47	seed - oats	lb.	0.20		
53	seed - ryegrass	lb.	0.46		
48	seed - sorghum	lb.	0.64		
54	seed - wheat	lb.	0.09		
49	seed - yuchi	lb.	1.30		

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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	

*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.*

Table 7. Operating Input Categories

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RECORD

NUM ITEM NAME

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5	custom
7	feed
1	fertilizer
9	fungicide
3	herbicide
10	innoculant
2	insecticide
6	misc.
8	pasture
4	seed

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Table 8. Products

RECORD			-----PRICES-----						
NUM	ITEM NAME	UNIT	BUDGET	CONTRACT	LOAN	FUTURES	HIGH	AVERAGE	LOW COMMENT
1	hay	ton	35.00	0.00	0.00	0.00	0.00	0.00	0.00
2	hay - square	bale	1.35	0.00	0.00	0.00	0.00	0.00	0.00
3	oats	bu	2.00	0.00	0.00	0.00	0.00	0.00	0.00
4	sorghum	cwt	3.80	0.00	0.00	0.00	0.00	0.00	0.00
5	wheat	bu	3.30	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	forage	1	15.00	0.00	0.00	0.00
2	land charge crops	1	15.00	0.00	0.00	0.00
3	pasture	1	10.00	0.00	0.00	0.00
4	small grain	1	15.00	0.00	0.00	0.00
5	wheat	1	26.00	0.00	0.00	0.00