

*Projections for Planning Purposes Only  
Not to be Used without Updating after December 1, 2006*

B-1241 (L5)

Table 1. Estimated fuel prices, labor wage rates,  
and interest rates - East Texas (5)

ITEM NAME	UNIT	PRICE
		dollars
FUEL TYPES		
Diesel Fuel	gal	2.00
Electricity	kWh	0.09
Gasoline	gal	2.25
LP Gas	gal	1.49
Natural Gas	Mcf	8.30
LABOR TYPES		
Operator	hour	9.10
Hand	hour	9.10
Irrigation	hour	9.10
Owner	hour	9.10
INTEREST RATES		
Short-term	%	9.60
Intermediate-term	%	9.60

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Table 2. Self-propelled machines: estimated performance rate, useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour and per acre - East Texas (5)

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	CONS RATE	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent	/hour				
Pickup truck	3/4 ton	0.006	10	1500	30,000	80	15.00	35.35	0.23	2.99	0.02

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Table 3. Tractors: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour - East Texas (5)

ITEM NAME	SIZE	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--	--FIXED COST--
		LIFE	USE	PRICE	COST	CONS RATE		
		years	hours	dollars	percent	/hour	\$/hr	\$/hr
Tractor 100hp	100	7	880	43,100	60	5.40	14.99	7.94
Tractor 125 hp	125	7	600	57,700	60	6.69	21.62	15.59
Tractor 40 hp	40	7	360	16,800	70	2.57	9.80	7.56
Tractor 50 hp	50	7	400	13,750	60	3.15	9.24	5.57
Tractor 75 hp	75	7	555	29,100	75	3.86	13.33	8.50

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Table 4. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre - East Texas (5)

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent				
Bale Mover		0.154	7	200	500	80	0.28	0.04	0.48	0.07
Broadcast seeder		0.153	7	50	500	80	1.14	0.17	1.92	0.29
cultivator - 13 ft		0.243	7	150	2,000	80	1.52	0.37	2.56	0.62
cultivator - 20 ft		0.162	7	150	2,000	80	1.52	0.24	2.56	0.41
cultivator - rolling		0.183	7	250	2,000	80	0.91	0.16	1.53	0.28
disc offset		0.207	7	100	3,000	80	3.42	0.70	5.76	1.19
disc-tandem - 8 ft	8ft	0.276	7	100	1,400	80	1.60	0.44	2.68	0.74
disc-tandem 13 ft	13 ft	0.169	7	100	2,800	80	3.20	0.54	5.37	0.91
fert. spreader		0.153	7	50	100	80	0.22	0.03	0.38	0.05
grain drill		0.286	7	50	1,450	80	3.31	0.94	5.56	1.59
harrow		0.254	7	35	1,000	80	3.26	0.83	5.48	1.39
lister/bedder		0.193	7	175	1,400	80	0.91	0.17	1.53	0.29
moldboard - 3 bottom		0.572	7	100	1,200	80	1.37	0.78	2.30	1.32
moldboard - 4 bottom		0.432	7	100	1,680	80	1.92	0.83	3.22	1.39
planter		0.229	7	30	1,680	80	6.40	1.47	10.75	2.47
shredder - 2 row	2 row	0.415	7	50	1,795	80	4.10	1.70	6.89	2.86
shredder - 4 row	4 row	0.209	7	50	3,250	80	7.42	1.55	12.48	2.61
sprayer		0.292	7	100	675	80	0.77	0.22	1.29	0.37
sprayer - airblast		0.135	7	75	6,600	80	10.05	1.35	16.89	2.28
sprayer - pasture		0.129	7	50	775	80	1.77	0.22	2.97	0.38

Table 5. Operating inputs: estimated prices - East Texas (5)

ITEM NAME	UNIT	PRICE
		dollars
custom		
cust baling - round	ton	12.00
cust baling - square	bale	0.75
cust hauling	roll	2.00
custom drill	acre	5.00
custom plant -smgr	acre	10.00
custom plow	acre	10.00
fert appl	appl	2.25
herb. appl	acre	4.00
insect appl	appl	8.20
mow,rake,bale	bale	0.65
rye-ryegrass - past	lb	155.72
sprigging	acre	100.00
feed		
hay	roll	30.00
hay - cow/calf	roll	21.56
hay stocker	roll	20.00
salt	lb.	0.06
fertilizer		
(K) applied	lb.	0.18
(N) applied	lb.	0.35
(P) applied	lb.	0.30
0-0-60	lb.	0.13
16-6-12	lb.	0.10
17-17-17	lb.	0.20
46-0-0	lb.	0.14
6-24-24	lb.	0.11
lime	ton	30.00
nitrogen	lb.	0.42
nitrogen - dry	lb.	0.35
nitrogen - pasture	lb.	0.35
nitrogen - sorghum	lb.	0.35
phosphate	lb.	0.30
phosphate - sorghum	lb.	0.30
phosphorus	lb.	0.30
potash	lb.	0.18
potassium	lb.	0.14
fungicide		
foliar fungicide	appl	4.90
soil fungicide	appl	16.15
herbicide		
2-4-D	qt	2.56
hay - herbicide	acre	5.00
pasture - herbicide	acre	6.00
pre-emerg - bermuda	acre	6.00
sorghum - herb.	acre	6.50
weed control	appl.	43.75
wheat - herb.	oz.	15.00
innoculant		
arrowleaf - innoc.	acre	2.00
crimson - innoc.	acre	2.00
soybeans - innoc	acre	0.75

Table 5. Operating inputs: estimated prices - East Texas (5)

ITEM NAME	UNIT	PRICE
		dollars
yuchi - innoc.	acre	4.00
insecticide		
insec soybeans	appl	5.50
insec. small grain	appl	6.00
insec. sorghum	appl	5.00
insec. wheat	acre	6.00
misc.		
land rent	acre	15.00
leased land - oport	head	10.00
lp gas	gal	1.00
pasture		
coastal berm. pastur	acre	79.23
pasture - winter	acre	134.47
pasture rent	acre	12.00
small grain ryegrass	acre	149.90
small grains - pastu	acre	118.65
wheat pasture	lb.	155.72
seed		
rye-ryegrass - sodse	acre	149.90
seed - Apache	lb.	2.05
seed - arrowleaf	lb.	1.20
seed - clover w/ rye	acre	101.35
seed - crimson clove	lb.	1.40
seed - elbon rye	lb.	0.16
seed - oats	lb.	0.20
seed - ryegrass	lb.	0.46
seed - sorghum	lb.	0.64
seed - wheat	lb.	0.09
seed - yuchi	lb.	1.30

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Table 6. Other durable inputs: estimated repair cost, fuel consumption rate, direct cost per unit of measure, and fixed cost per unit of measure or per acre - East Texas (5)

ITEM NAME	UNIT	REPAIR	FUEL	DIRECT COST	-----FIXED COST-----	
		COST	CONS		RATE	\$/U of M
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/acre
irrigation	ac/in	2.030	1.000	10.330		33.60

Table 7. Operating input categories - East Texas (5)

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ITEM NAME
custom
feed
fertilizer
fungicide
herbicide
innoculant
insecticide
misc.
pasture
seed

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Table 8. Products: estimated prices - East Texas (5)

ITEM NAME	UNIT	PRICE
		dollars
hay	ton	100.00
hay - square	bale	3.50
oats	bu	2.00
sorghum	cwt	5.60
wheat	bu	4.54



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Table 9. Allocated cost items: estimated costs - East Texas (5)

ITEM NAME	DOLLARS PER ACRE	% OF INCOME	% OF DIRECT EXPENSES	% OF TOTAL EXPENSES
forage	15.00			
land charge crops	15.00			
pasture	10.00			
small grain	15.00			
wheat	26.00			