

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

B-1241 (C7)

Table 1. Estimated fuel prices, labor wage rates,  
and interest rates

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

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

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				
4 row stripper		0.250	10	200	45,000	50	6.00	23.25	5.81	27.35	6.83
pickup truck	3/4 ton	0.006	10	1500	23,110	80	15.00	31.23	0.20	2.30	0.01

Table 3. Tractors: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour

ITEM NAME	SIZE	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--	--FIXED COST--
		LIFE	USE	PRICE	COST	CONS		
		years	hours	dollars	percent	/hour	\$/hr	\$/hr
tractor 100 hp	100	10	400	54,514	50	5.40	17.61	16.13
tractor 125	125	10	500	74,253	50	6.69	20.80	17.58
tractor 150	150	10	600	80,073	50	7.72	22.11	15.79
Tractor 40	40	10	350	21,283	50	2.57	8.18	7.19
Tractor 75	75	10	400	34,748	50	3.86	12.06	10.28

Table 4. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT	COST--	--FIXED	COST-
		RATE	LIFE	USE	PRICE	COST				
		hrs/ac	years	hours	dollars	percent	\$/hr	\$/ac	\$/hr	\$/ac
8 row hooded sprayer		0.157	10	125	2,000	70	1.12	0.17	2.45	0.38
chisel		0.198	10	150	3,300	70	1.54	0.30	3.37	0.66
chisel 26 ft	26 ft	0.099	10	300	6,200	70	1.44	0.14	3.17	0.31
combine peanut		0.597	10	200	14,850	70	5.19	3.10	11.40	6.81
cotton stripper	6.6 ft	0.666	10	450	12,050	70	1.87	1.24	4.11	2.73
cultivator 4 row		0.247	10	150	2,500	70	1.16	0.28	2.55	0.63
cultivator 6 row		0.147	10	150	4,000	70	1.86	0.27	4.09	0.60
cultivator 8 row		0.110	10	150	6,000	70	2.80	0.30	6.14	0.67
cultivator rolling		0.160	10	175	3,300	70	1.32	0.21	2.89	0.46
digger - peanut		0.342	10	175	6,050	70	2.42	0.82	5.30	1.81
disc - tandem	13 ft	0.159	10	150	4,500	70	2.10	0.33	4.60	0.73
disc-tandem 21 feet	21 ft	0.105	10	225	18,000	70	5.60	0.58	12.28	1.29
disc/bedder	18 ft	0.143	10	150	3,050	70	1.42	0.20	3.12	0.44
drill - 12 ft	12 ft	0.238	10	150	3,850	70	1.79	0.42	3.94	0.94
drill - 8 ft	8 ft	0.358	10	150	2,000	70	0.93	0.33	2.04	0.73
fert. spreader	20 ft	0.116	10	100	2,000	70	1.40	0.16	3.07	0.35
lister	20 ft	0.114	10	225	1,590	70	0.49	0.05	1.08	0.12
lister/bedder		0.242	10	150	2,850	70	1.33	0.32	2.91	0.70
lister/planter		0.114	10	175	4,500	70	1.80	0.20	3.94	0.45
moldboard plow	4 bottom	0.474	10	200	4,250	70	1.48	0.70	3.26	1.54
planter 4 row	13 ft	0.189	10	75	1,695	70	1.58	0.29	3.47	0.65
planter 6 row	18 ft	0.152	10	225	9,350	70	2.90	0.44	6.38	0.97
planter 8 row		0.134	10	225	11,000	70	3.42	0.46	7.50	1.00
sand fighter	22 ft.	0.057	10	125	1,000	70	0.56	0.03	1.22	0.07
shredder - 2 row	6 ft	0.442	10	100	2,000	70	1.40	0.61	3.07	1.35
shredder 4 row	13 ft	0.209	10	150	5,000	70	2.33	0.48	5.11	1.07
sprayer - 24 ft		0.135	10	125	2,750	70	1.54	0.20	3.37	0.45
sprayer 12 ft		0.264	10	100	1,200	70	0.84	0.22	1.84	0.48
sprayer mounted	60 ft	0.157	10	125	650	70	0.36	0.05	0.79	0.12

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Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
crop insurance		
cotton insurance	acre	13.00
dry cotton insurance	acre	12.00
sorghum insurance	acre	3.00
wheat insurance	acre	4.25
custom		
boll weevil erad	acre	8.00
cust. harv - wheat	acre	12.00
cust. harv. - sorghu	acre	11.00
custom baling	bale	0.80
custom combining	acre	10.00
custom fertilizing	acre	1.75
custom haul - oats	bu.	0.30
custom haul - sorghu	cwt.	0.20
custom haul - wheat	bu.	0.20
drying - peanuts	ton	22.50
gin, bags, ties	lb.	0.12
haul & mkt - stocker	head	7.50
haul & stack	bale	0.40
insect appl.	acre	3.50
overage - wheat	bu.	0.12
shearing - goats	head	1.65
shearing - sheep	head	2.00
sprigging	acre	30.00
stripping	lb.	0.07
feed		
hay	bale	2.00
lamb feed	lb.	0.09
pasture - wheat	lb.	0.32
range cubes	lb	0.10
salt & mineral	lb.	0.15
suppl. feed - goats	lb.	0.08
suppl. feed - sheep	lb.	0.08
fertilizer		
fert (N) - wheat	lb	0.35
fert (N) applied	lb	0.42
fert (P) - applied	lb.	0.42
fertilizer	lb.	0.17
nitrogen	lb.	0.35
phosphate	lb.	0.30
potash	lb.	0.17
fungicide		
fungicide - foliar	appl	4.25
fungicide - soil	appl	7.00
herbicide		
herbicide	lb.	7.00
herbicide - cotton	pint	2.40
pre-emerge, herb	acre	3.40
insecticide		
insec&appl-sorghum	acre	7.00
insecticide	appl	11.50
insecticide - cotton	lb.	6.25

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
insecticide - wheat	acre	6.25
misc.		
advertising - deer	year	100.00
allotment leas. pean	lb.	0.02
broker - cotton	acre	1.25
buck exp. - mgoat	head	72.15
buck expense - goat	head	81.02
deer license	year	135.00
marketing - goat	head	1.75
marketing - sheep	head	1.75
misc - cotton	acre	5.00
misc - cow/calf	dollar	1.00
misc - stocker	dollar	2.00
misc - wheat	acre	1.00
misc- goats	head	1.00
misc. - deer	dollar	500.00
misc. - sheep	dollar	1.00
ram expense	head	79.12
sales commission	head	8.00
stocker steers	cwt.	70.00
pre-harvest		
caparol + direx	acre	3.00
caparol+direx 2	acre	3.50
generic RU	acre	4.00
generic RU 2	acre	6.50
generic RU 3	acre	5.00
seed		
seed - cotton	lb.	1.27
seed - klein grass	lb	5.00
seed - oats	bu	6.00
crop insurance		
seed - rye	lb.	0.14
seed		
seed - sorghum	lb.	2.00
seed - wheat	bu.	0.15
seed -peanut	lb.	0.82
seed corn	lb	0.06
vet. medicine		
vet - cow/calf	head	14.32
vet - goats	head	1.65
vet - mgoats	head	0.98
vet fert. test - bul	year	40.00
vet. - sheep	head	1.25
vet. - stocker	head	12.50

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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

ITEM NAME	UNIT	REPAIR	FUEL	DIRECT COST	----FIXED COST----	
		COST	CONS			
		\$/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

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ITEM NAME

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crop insurance  
custom  
feed  
fertilizer  
fungicide  
harvest  
herbicide  
insecticide  
misc.  
pre-harvest  
seed  
vet. medicine

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Table 8. Products: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
cotton lint	lb.	0.54
cottonseed	ton	130.00
hay - coastal	ton	100.00
hay - sorghum	ton	100.00
oats	bu.	1.25
pasture - coastal	aum	8.00
pasture - klein gras	aum	8.00
pasture - sm. grain	aum	8.00
pasture - wheat	lb/g	0.32
peanuts	lb.	0.30
sorghum	cwt	5.60
wheat	bu.	4.54

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Table 9. Allocated cost items: estimated costs

ITEM NAME	DOLLARS PER ACRE	% OF INCOME	% OF DIRECT EXPENSES	% OF TOTAL EXPENSES
crops	12.00			
dry land cotton	27.77			
forage	12.00			
irr. cotton	80.00			
land charge-sorghum	29.00			
pasture rent	7.00			
wheat	29.00			