

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

B-1241 (C8)

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

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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

ITEM NAME	SIZE	PERF RATE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	FUEL	--DIRECT COST--		--FIXED COST--	
							CONS RATE	\$/hr	\$/ac	\$/hr	\$/ac
Combine		0.050	7	300	200,000	60	10.00	77.14	3.85	128.02	6.40
High Boy Spryr	60' Boom	0.030	8	350	75,000	80	9.17	39.76	1.19	37.68	1.13
Pickup Truck	3/4 Ton	0.006	10	****	28,000	80	15.00	33.83	0.22	0.16	0.00

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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

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	150 hp	14	600	85,000	60	7.72	21.51	17.77
Tractor	200 hp	14	600	100,000	60	9.77	26.68	20.90
Tractor	2WD 100	14	600	40,000	60	5.40	13.65	8.36
Tractor	2WD 125	14	600	55,000	60	6.69	17.30	11.49
Tractor	50 hp	7	300	15,000	60	2.57	9.42	8.10

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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

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				
anhydrous rig	12R-30	0.071	8	150	9,500	50	3.95	0.28	10.85	0.77
Chisel Plow	24 ft	0.205	7	280	20,000	60	6.12	1.25	13.71	2.82
Chisel plow	7-9 shank	0.152	7	100	3,700	70	3.70	0.56	7.10	1.08
Cultivator	12R-30	0.058	12	200	12,000	80	4.00	0.23	8.20	0.47
Cultivator	6 Row	0.103	10	115	7,150	36	2.26	0.23	9.54	0.98
dry fert rig		0.003	7	50	2,000	60	3.42	0.01	6.48	0.02
Field Cultivator	32 ft.	0.047	10	100	18,000	65	11.70	0.54	27.06	1.27
grain cart		0.050	15	300	15,000	50	1.66	0.08	6.26	0.31
Grain Drill	20'	0.204	10	60	6,000	50	5.00	1.02	14.71	3.01
Grain Drill	30' Fold	0.061	10	100	40,000	70	28.00	1.70	60.14	3.66
Hay Spear		0.005	10	50	500	40	0.40	0.00	1.35	0.00
Hooded Sprayer	12R-30	0.055	10	200	10,500	85	4.46	0.24	7.89	0.43
Molboard Plow		0.486	7	160	9,500	60	5.08	2.47	11.40	5.54
offset disc	13 ft.	0.132	7	70	10,900	60	13.34	1.76	29.90	3.95
peanut combine		0.597	7	100	15,000	60	12.85	7.68	28.80	17.21
peanut digger		0.684	7	45	3,400	60	6.47	4.43	14.50	9.92
planter	6 row	0.137	7	25	16,500	60	56.57	7.77	126.74	17.42
Planter 3pt	12 row	0.065	12	150	33,000	70	12.83	0.83	30.07	1.95
Planter Pull	12 row	0.140	7	250	65,000	50	18.57	2.60	48.54	6.79
roller		0.055	7	25	500	60	1.71	0.09	3.84	0.21
rolling cultivator	6 row	0.103	7	115	7,500	60	5.59	0.57	12.52	1.29
Saddle Tank		0.117	10	105	1,800	70	1.20	0.14	2.63	0.31
Shredder	20 foot	0.147	10	185	9,500	40	2.05	0.30	7.72	1.13
shredder	4 row	0.115	7	35	8,000	60	19.59	2.25	43.89	5.04
shredder	6 ft	0.100	7	200	3,000	70	1.50	0.15	2.43	0.24
spray rig		0.064	7	500	3,850	60	0.66	0.04	1.47	0.09
Spray Rig	6 Row	0.000	7	500	3,150	60	0.54	0.00	1.20	0.00
tandem disc	20 ft.	0.114	7	280	11,500	60	3.52	0.40	7.88	0.90
tandem disc -24 foot	24 ft	0.095	7	280	20,000	60	6.12	0.58	13.71	1.30
tandem disk	12 foot	0.184	7	100	4,000	60	3.42	0.63	7.68	1.41
Tandem Disk	30 ft.	0.076	10	180	30,000	80	13.33	1.01	25.06	1.90

*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.*

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Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
CROP INSURANCE		
corn 65/100	acre	6.42
corn 70%CRC	acre	8.77
cotton 425	acre	15.91
Cttn Ins APH 65/100	Acre	10.00
Sorg Ins APH 65/100	Ac.	4.34
sorghum 28	acre	5.16
sorghum 36	acre	5.43
soybean	acre	6.84
wheat 25	acre	4.91
wheat 35 - crop insu	acre	5.31
wheat 45	acre	5.19
Wheat Ins APH 65/100	Ac.	2.86
CUSTOM		
aerial appliction	acre	3.00
cust comb soybeans	acre	14.00
custom baling	bale	0.65
Custom Combine Corn	Acre	18.00
Custom Combine Sorg	Acre	14.00
Custom Combine Wheat	Acre	15.00
custom cut & bale	acre	35.00
Custom Drag Harrow	acre	5.00
custom fert.	acre	4.00
custom harvest peanu	acre	100.00
Custom Hauling Bu.	Bu.	0.20
Custom Hauling CWT	CWT	0.25
custom hauling hay	bale	0.40
custom hauling sorgh	cwt.	0.25
custom hauling soyb	cwt.	0.14
custom hauling wheat	bu.	0.15
custom spraying	acre	4.00
custom sprigging	acre	50.00
Custom Stripping	lb	0.10
custom stripping cot	lb.	0.08
dry fert. rig	acre	3.00
drying	ton	20.00
fungicide applicatio	acre	4.00
ginning	lb	0.09
ginning cotton	cwt	2.40
hauling milk	cwt	0.72
insec & appl - cott	acre	12.00
Land Renovation	acre	15.00
liquid fert. rig	Acre	4.00
Mec Tree & Brush Rem	acre	150.00
peanut	acre	23.69
shearing	head	1.50
sod seeding	acre	5.00
strip & module - cot	cwt	1.45
FEED		
boar feed	cwt	10.00
finishing ration	cwt.	10.00
grain mix	cwt.	7.90

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Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
hay	cwt	3.00
hay alfalfa	cwt.	4.50
hay bermuda	cwt.	3.00
hay sorgum	cwt.	3.00
herb, pre-emerg berm	acre	3.00
milk replacer	lb.	0.91
pasture, bermuda	acre	37.32
pasture, dairy	head	20.00
pasture, native	head	8.00
pig starter	cwt.	15.00
protien supplment	cwt.	10.75
salt	cwt.	5.30
sorghum silage	ton	25.00
sow feed gest	cwt.	10.75
sow feed lact	cwt.	10.75
soybean	acre	6.84
supplement	cwt.	10.75
wheat	lb.	0.06
wheat \$/cwt gain	cwt	25.00
FERTILIZER		
0-0-60	lb.	0.13
46-0-0	lb.	0.35
anhydrous rig	acre	2.60
fert (K) - corn	lb.	0.00
fert (N) - corn	lb.	0.35
fert (N) - cotton	lb.	0.35
fert (N,P,K) - corn	acre	75.00
fert (P) - corn	lb.	0.30
fert (P) - cotton	lb.	0.30
fert - (17-4-9)	lb	0.15
fert - (N,P,K) -cott	acre	50.00
fert - (N,P,Zinc,S)	acre	55.00
fert - 21-14-7	lb.	0.18
fert 10-34-0	lb.	0.14
Fert 11-37-0	gal.	1.61
fert 18-46-0	lb.	0.16
fert 32-0-0	gal.	0.78
fert 34-0-0	lb.	0.14
fert 6-24-24	lb.	0.11
fert 82-0-0	lb.	0.14
liquid 32 N	lb.	0.12
FUNGICIDE		
fung peanuts	acre	11.25
fung wheat	acre	11.72
fungice- wheat	oz	3.90
HARVEST AID		
defoliant	acre	12.00
Defoliant - cotton	acre	18.00
dessicant	acre	7.31
dessicant	acre	7.31
HERBICIDE		
1st appl - herb-cott	oz	0.24

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
2nd appl - herb-cott	oz	0.24
3rd appl- herb - cot	oz	0.24
corn herbicide	oz.	0.24
Cotton Burndown	Pint	5.00
Cotton Defoliant	Oz	0.24
Cotton Destruction	Pt	2.25
cotton pre-emerge	acre	7.00
herb - pre&post emer	acre	6.75
herb, atrazine	lb.	2.50
herb, post-emerg alf	acre	5.50
herb, post-emerg cot	acre	5.58
herb, post-emerg sor	oz	9.80
herb, ppi cotton	pt	5.58
herb, ppi soybean	pt.	21.56
herb, pre-emerg alfa	acre	11.37
herb, pre-emerg corn	pint	3.00
herb, pre-emerg cott	pint	2.25
herb, pre-emerg pean	acre	6.75
herb, pre-emerg sorg	Quart	6.50
herb, pre-emerg sorg	acre	11.06
herb, pre-emerg whea	cwt.	3.00
herb, pre-emerge bur	acre	3.00
herb-post(cornsil.)	qt.	8.75
plant burndown	oz.	0.24
pre emerg. weed cont	acre	7.00
Roundup Corn	Pint	6.75
Roundup Cotton	Gallon	44.50
weed burndown	oz.	0.24
yellow herb - cotton	acre	7.00
INSECTICIDE		
1st appl - insec-cot	acre	4.00
2nd appl- insec -cot	acre	4.00
3rd appl -insect-cot	acre	4.00
Baythroid	Oz	3.13
Corn Insect Soil	Lb.	2.10
corn insecticide	acre	14.41
Cttn Rndp Insect	Ac.	2.20
inoculant	acre	1.50
insec. - planting	acre	12.50
insect, armyworm	acre	2.25
insect, bollworm	acre	5.20
Insect, Bollworm	Ac.	15.14
insect, greenbug	acre	4.50
insect, peanuts	acre	3.20
insect, plantbug	acre	2.05
insect, soil	acre	12.75
insect, sorgum	acre	16.25
insect, trips	acre	1.23
insect, weevil	acre	3.88
Insecticide - Midge	acre	3.00
Orthene	Oz	0.56
Sorghum Insect Soil	acre	8.00

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Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
Temik	3.30	0.00
IRRIGATION		
Irrigation	Ac/In	3.50
Irrigation - Corn Si	ac-in	7.00
LABOR		
Prescribed Burn	acre	1.00
LIVESTOCK		
feeder pigs	cwt.	100.00
marketing, hogs	head	3.50
mgmt records	head	18.00
misc, dairy	head	15.00
misc. cow-calf	head	10.00
misc. fartofin	head	37.00
misc. goats	head	10.00
misc. hogs	head	0.75
misc. hogs	head	21.00
misc. sheep	head	21.00
misc. stocker	head	4.00
preadator control	head	0.35
sales com. beef catt	cwt.	3.00
sales com. cull cow	cwt.	1.25
sales com. dairy	head	6.05
sales com. goats	head	1.00
sales com. pig	head	1.75
sales com. sheep	head	0.60
sales com. stocker	cwt.	2.00
salt and minerals	cwt.	7.93
stocker steers	cwt.	92.00
supplies dairy	head	34.75
utilities	head	40.00
vet medicine	head	0.80
vet medicine cow-cal	head	7.00
vet medicine dairy	head	30.00
vet medicine hogs	head	0.50
vet medicine pigs	head	0.80
vet medicine sheep	head	1.00
vet medicine sows	head	6.50
vet medicine stocker	head	7.00
PROGRAMS		
Boll Weevil	Acre	12.00
SEED		
bermuda sprigs	bu.	0.75
Herb Resis Corn Seed	acre	26.50
HR CornSilage Seed	thou	1.50
quota cost, peanuts	lb.	0.02
RR Cotton Tech Fee	Lb.	0.90
RR+BT Cttn Tech Fee	Lb.	2.20
Seed & Tech Fee	lb.	2.40
seed alfalfa	lb.	2.50
seed cereal rye	lb.	0.20
seed clover	lb.	1.10
Seed Corn	thou.	1.25

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
seed forage sorgum	lb.	0.20
seed oats	lb.	0.12
seed peanuts	lb.	0.74
seed ryegrass	lb.	0.85
seed ryegrass	lb.	0.40
Seed Sorghum treated	Lb.	1.40
seed soybeans	lb.	0.15
seed treatment	lb.	0.07
seed wheat	lb.	0.15
seed-stacked -cotton	acre	30.00
techfee- herb-cotton	acre	26.00
techfee-bt-cotton	acre	13.00

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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		RATE	
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/acre

Table 7. Operating input categories

ITEM NAME

Boll Weevil Erad.
CROP INSURANCE
CUSTOM
FEED
FERTILIZER
FUNGICIDE
HARVEST AID
Harvest Aid
HERBICIDE
INSECTICIDE
IRRIGATION
LABOR
LIVESTOCK
PROGRAMS
SEED

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Table 8. Products: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
Corn	bu.	3.68
Corn Silage	Ton	34.50
cotton lint	lb.	0.54
cotton seed	ton	130.00
Fall Hay Cutting	bale	65.00
hay alfalfa	bale	6.00
hay bermuda	bale	60.00
hay sorghum	bale	2.00
Peanuts	Ton	375.00
sorghum	cwt.	5.60
soybeans	bu	6.35
weight gain stockers	lb.	0.38
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
A Example		25.00		
BERMUDA PASTURE	20.00			
CASH RENT CROPLAND	25.00			
cash rent cropland i	45.00			
CASH RENT PASTURE	8.00			
NATIVE PASTURE	8.00			
PASTURE RENT DAIRY	2.00			
PASTURE RENT GOATS	3.50			
PASTURE RENT HOGS	15.00			
PASTURE RENT NATIVE	8.00			
PASTURE RENT SHEEP	3.50			