

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

B-1241 (C4)

Table 1. Estimated fuel prices, labor wage rates,
and interest rates - North Texas (4)

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 - North Texas (4)

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 3/4 ton	3/4 ton	0.006	10	1500	28,000	80	15.00	35.24	0.23	2.79	0.01

Table 3. Tractors: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour - North Texas (4)

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	100	7	520	46,800	60	5.40	18.51	14.59
tractor 125	125	7	400	64,400	60	6.69	27.18	26.10
tractor 150	150	7	530	69,900	60	7.72	26.74	21.38
tractor 40	40	7	350	17,500	75	2.57	10.49	8.10
tractor 75	75	7	400	29,300	75	3.86	15.56	11.87

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

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
anhydrous rig		0.128	7	40	5,000	80	14.28	1.84	24.00	3.09
cultivating roller	6 row	0.103	7	115	7,500	80	7.45	0.76	12.52	1.29
cultivator - 6 row	6 row	0.103	7	115	7,150	80	7.10	0.73	11.93	1.23
dry fert. rig		0.034	7	40	3,000	80	8.57	0.29	14.40	0.49
field cultivator		0.065	7	200	24,844	65	11.53	0.75	23.85	1.56
grain drill		0.107	7	60	6,000	80	11.42	1.22	19.20	2.05
liquid fert. rig		0.034	7	100	3,000	80	3.42	0.11	5.76	0.19
moldboard plow		0.486	7	100	9,500	80	10.85	5.28	18.24	8.87
offset disc - 13 ft	13 ft	0.132	7	160	10,900	80	7.78	1.02	13.08	1.72
peanut combine		0.597	7	70	15,000	80	24.48	14.64	41.15	24.59
peanut digger		0.684	7	100	3,400	80	3.88	2.65	6.52	4.46
planter - 6 row	6 row	0.126	7	45	16,500	80	41.90	5.31	70.41	8.93
roller		0.068	7	25	500	80	2.28	0.15	3.84	0.26
saddle tank		0.117	7	105	1,800	80	1.95	0.23	3.29	0.38
shredder	4 row	0.147	7	35	8,000	80	26.12	3.84	43.89	6.46
spray rig		0.064	7	50	3,850	80	8.80	0.56	14.78	0.95
tandem disc	20 ft	0.114	7	280	11,500	80	4.69	0.53	7.88	0.90
wagon manure		0.257	7	100	3,500	80	4.00	1.03	6.72	1.73

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Table 5. Operating inputs: estimated prices - North Texas (4)

ITEM NAME	UNIT	PRICE
dollars		
crop insurance		
insurance - corn	acre	6.42
insurance - cotton	acre	15.91
insurance - peanut	acre	23.69
insurance - sorg28	acre	5.16
insurance - sorgh36	acre	5.43
insurance - soybean	acre	6.84
insurance-wheat25	acre	4.91
insurance-wheat35	acre	5.31
insurance-wheat45	acre	4.50
custom		
aerial apll.	acre	4.20
anhydrous rig - rent	acre	2.80
combining - corn	acre	28.00
combining - soybeans	acre	19.60
combining - wheat	acre	21.00
cust harv - peanuts	acre	140.00
cust haul - corn	bu.	0.19
cust haul - hay	bale	0.56
cust haul - sorghum	cwt	0.35
cust haul - soybeans	cwt	0.19
cust haul - wheat	bu	0.16
cust sprigging	acre	49.00
cust stripping	lb	0.11
dry fert rig - renta	acre	2.80
drying - peanuts	ton	28.00
ginning	cwt	3.50
hauling - milk	cwt	0.72
liqu fert rig - rent	acre	2.80
shearing	head	1.50
sod seeding	acre	7.00
feed		
boar feed	cwt.	10.00
finishing ration	cwt	10.00
grain mix	cwt	7.90
hay	cwt	3.00
hay - alfalfa	cwt	4.50
hay - bermuda	cwt.	3.00
milk replacer	lb	0.91
pig starter	cwt	15.00
protein supplement	cwt.	10.75
salt	cwt	5.30
salt & mineral	cwt	7.93
fertilizer		
10-34-0	lb.	0.20
18-46-0	lb.	0.23
32-0-0	lb.	0.35
34-0-0	lb.	0.35
6-24-24	lb.	0.17
82-0-0	lb.	0.35
fungicide		
fung. - peanut	acre	11.25

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Table 5. Operating inputs: estimated prices - North Texas (4)

ITEM NAME	UNIT	PRICE
		dollars
fung. - wheat	acre	11.72
herbicide		
defoliant	quart	7.75
per-emerge corn	acre	15.00
post-emerge alfalfa	acre	5.50
post-emerge cotton	acre	8.85
post-emerge sorghum	oz	7.85
ppi - cotton	pt	5.58
ppi - soybean	pt	21.56
pre-emerge - alfalfa	acre	11.37
pre-emerge bermuda	acre	3.00
pre-emerge cotton	acre	8.00
pre-emerge peanuts	acre	6.75
pre-emerge sorghum	acre	11.06
pre-emerge wheat	acre	5.00
insecticide		
insect - peanut	acre	3.20
insect - sorghum	acre	16.25
insect bollworm	acre	5.20
insect. armyworm	acre	2.25
insect. greenbug	acre	8.00
insect. plantbug	acre	2.05
insect. soil	acre	12.75
insect. thrips	acre	1.23
insect. weevil	acre	3.88
misc.		
breeding - dairy	head	24.50
feeder pigs	cwt.	100.00
inoculant	acre	1.50
marketing hogs	head	3.50
mgmt records	head	18.00
misc. cow/calf	head	10.00
misc. dairy	head	15.00
misc. fartofin	head	37.00
misc. goats	head	10.00
misc. hogs	head	0.75
misc. pigs	head	21.00
misc. sheep	head	21.00
misc. stockers	head	4.00
predator control	head	0.35
sales comm - cow	cwt	1.25
sales comm - goats	head	1.00
sales comm - pig	head	1.75
sales comm - sheep	head	0.60
sales comm - stocker	cwt	2.00
sales comm. - dairy	head	6.05
pasture		
bermuda sod	bu.	1.00
pasture - bermuda	acre	37.32
pasture - dairy	acre	20.00
pasture - native	acre	8.00
wheat \$/cwt gain	cwt	25.00

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Table 5. Operating inputs: estimated prices - North Texas (4)

ITEM NAME	UNIT	PRICE
dollars		
seed		
seed - alfalfa	lb.	2.50
seed - cereal rye	lb.	0.20
seed - clover	lb.	1.10
seed - cotton	lb.	0.48
seed - forage sorghu	lb.	0.20
seed - oats	lb.	0.20
seed - peanuts	lb.	0.74
seed - ryegrasss	lb.	0.40
seed - sorghum treat	lb.	0.85
seed - soybeans	lb.	0.42
seed - treat - wheat	lb.	0.07
seed - wheat	lb.	0.06
wheat	lb.	0.06

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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 - North Texas (4)

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 - North Texas (4)

ITEM NAME

crop insurance
custom
feed
fertilizer
fungicide
herbicide
insecticide
misc.
pasture
seed

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Table 8. Products: estimated prices - North Texas (4)

ITEM NAME	UNIT	PRICE
		dollars
corn	bu	3.68
cotton lint	lb	0.54
cottonseed	ton	130.00
hay - bermuda	bale	3.00
hay - sorghum	bale	3.00
pasture	aum	10.00
peanuts	lb	0.30
sorghum	cwt	5.60
soybeans	bu	6.35
weight gain - stocke	lb	0.25
wheat	bu.	4.54

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Table 9. Allocated cost items: estimated costs - North Texas (4)

ITEM NAME	DOLLARS PER ACRE	% OF INCOME	% OF DIRECT EXPENSES	% OF TOTAL EXPENSES
bermuda pasture	20.00			
cash - cropland	25.00			
cash - pasture	12.00			
native pasture	8.00			
pasture - dairy	2.00			
pasture - goats	3.50			
pasture - hogs	15.00			
pasture - native	8.00			
pasture - sheep	3.50			