

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2013*

B-1241 (C2)

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

ITEM NAME	UNIT	PRICE
dollars		
FUEL TYPES		
Diesel Fuel	gal	3.20
Electricity	kWh	0.09
Gasoline	gal	2.80
LP Gas	gal	1.71
Natural Gas	Mcf	9.00
LABOR TYPES		
Operator	hour	10.50
Hand	hour	10.50
Irrigation	hour	10.50
Owner	hour	10.50
INTEREST RATES		
Short-term	%	6.00
Intermediate-term	%	7.00

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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	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	4	1260	45,000	84	15.00	49.50	0.33	8.97	0.06

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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		
		years	hours	dollars	percent	/hour	\$/hr	\$/hr
Tractor	100	7	390	0	0	5.40	17.28	0.00
Tractor	125	7	675	0	0	6.69	21.40	0.00
Tractor	150	7	625	0	0	7.72	24.70	0.00
Tractor	175	7	425	0	0	9.78	31.29	0.00
Tractor	40	7	390	0	0	2.57	8.22	0.00
Tractor	75	7	390	0	0	3.86	12.35	0.00

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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				
bed planter		0.057	7	160	0	0	0.00	0.00	0.00	0.00
bedder		0.057	7	210	0	0	0.00	0.00	0.00	0.00
blade plow		0.099	7	210	0	0	0.00	0.00	0.00	0.00
box float		0.327	7	110	0	0	0.00	0.00	0.00	0.00
chisel		0.099	7	210	0	0	0.00	0.00	0.00	0.00
cultivator	12 row	0.078	7	200	0	0	0.00	0.00	0.00	0.00
cultivator	8 row	0.118	7	200	0	0	0.00	0.00	0.00	0.00
cultivator	rolling	0.147	7	200	0	0	0.00	0.00	0.00	0.00
cultivator 12 row	rolling	0.073	7	225	0	0	0.00	0.00	0.00	0.00
disc	offset	0.078	7	225	0	0	0.00	0.00	0.00	0.00
disc	tandem	0.138	7	225	0	0	0.00	0.00	0.00	0.00
field cultivator	35 ft	0.065	7	225	0	0	0.00	0.00	0.00	0.00
furrow opener	20 feet	0.100	7	110	0	0	0.00	0.00	0.00	0.00
grain drill		0.212	7	125	0	0	0.00	0.00	0.00	0.00
lister	20 ft	0.114	7	225	0	0	0.00	0.00	0.00	0.00
lister/planter	20 ft	0.114	7	225	0	0	0.00	0.00	0.00	0.00
moldboard		0.286	7	150	0	0	0.00	0.00	0.00	0.00
packer		0.276	7	210	0	0	0.00	0.00	0.00	0.00
planter	bed	0.152	7	150	0	0	0.00	0.00	0.00	0.00
planter	no-till	0.152	7	110	0	0	0.00	0.00	0.00	0.00
rod weeder	8 row	0.077	7	100	0	0	0.00	0.00	0.00	0.00
rotary hoe	8 row	0.077	7	100	0	0	0.00	0.00	0.00	0.00
sand fighter		0.057	7	150	0	0	0.00	0.00	0.00	0.00
shredder	4 row	0.209	7	150	0	0	0.00	0.00	0.00	0.00
sprayer	mounted	0.157	7	110	0	0	0.00	0.00	0.00	0.00
stalk cutter		0.069	8	225	0	0	0.00	0.00	0.00	0.00
sweep plow		0.065	7	210	0	0	0.00	0.00	0.00	0.00

Table 7. Operating input categories

ITEM NAME

BOLL WEEVIL ASSESS
CROP INSURANCE
CUSTOM
FEED
FERTILIZER
FUNGICIDE
HARVEST AID
HERBICIDE
INSECTICIDE
IRRIGATION FUEL
SEED

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
BOLL SHEVIL ASSESS		
dryland	acre	1.00
Irrigated	acre	1.00
CROP INSURANCE		
corn - ins	acre	20.00
cotton - dryland ins	acre	20.00
cotton - ins	acre	30.00
peanut - ins	acre	30.00
sorghum - ins	acre	10.00
sorghum irr - ins	acre	20.00
soybeans - ins	acre	12.00
CUSTOM		
aerial spray - sunfl	acre	4.20
crop consultant	acre	6.00
cust harv-sorgh dry	acre	14.00
cust harv-sunfl dry	acre	15.00
cust harv-sunfl irri	acre	20.00
cust harv-wheat dry	acre	15.00
cust harv-wheat irr	acre	12.60
cust haul-sorgh dry	cwt.	0.40
cust haul-sunfl dry	cwt.	0.30
cust haul-wheat dry	bu.	0.14
cust haul-wheat irr	bu.	0.14
custom baling	bale	0.66
custom baling -round	ton	25.00
custom hauling	bu.	0.13
custom swathing	acre	5.50
dig & shake - peanut	acre	25.00
drying - peanut	ton	30.00
fert appl - ANH3	acre	9.00
fert appl - dry	acre	5.00
fert appl - liquid	acre	5.00
fert appl - peanut	acre	5.00
fert appl.	acre	5.00
fert application	acre	5.00
fung & appl - peanut	appl	14.00
fungicide & appl	appl	15.00
ginning - cotton	cwt.	3.10
harv & haul - corn	bu.	0.40
harv & haul - corns	ton	7.00
harv & haul - hay	ton	22.00
harv & haul - sorgh	ton	7.00
harv & haul - soybean	bu.	0.50
harv&haul - peanuts	ton	60.00
harv&haul-wheat irr	bu.	0.60
harvoid appl-cot dri	acre	30.00
harvoid appl-cot dry	acre	20.00
harvoid appl-cot irr	acre	25.00
harvest & haul	cwt.	1.38
harvest & haul - sor	cwt.	0.60
herb application	acre	4.50
herbappl-sorghumi	acre	21.12

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
herb+appl - alfalfa	acre	24.00
herb+appl - rot	acre	12.00
herb+appl - sorghum	acre	10.50
herb+appl -corn post	acre	15.00
herb+appl-soybeans i	acre	9.00
hoeing - peanut	acre	20.00
hoeing -dry cotton	acre	30.00
insec appl - alfalfa	appl	12.00
insec+appl - corns	appl	25.00
insec+appl - cotton	appl	12.00
insec+appl - peanut	appl	12.00
insec+appl - sorghum	appl	13.00
insec+appl - wheat	acre	11.00
insec+appl-soybeans	acre	10.24
insec+appl-sunflow1	appl	14.00
insec+appl-sunflow2	appl	14.00
insec+appl-sunflower	appl	8.00
insecticide appl	appl	10.00
preplant herb + appl	acre	12.00
preplant herb. appl	acre	4.50
soil test	acre	0.50
spot spray and chem.	acre	20.00
strip & module-cotto	lb.	0.08
strip till	acre	15.00
thinning - custom	acre	25.00
FERTILIZER		
fert (N) - alfalfa	lb.	0.50
fert (N) - ANH3	lb.	0.20
fert (N) - dry	lb.	0.50
fert (N) - liquid	lb.	0.50
fert (E) - dry	lb.	0.75
fert (P) - liquid	lb.	0.50
fert. (N)	lb.	0.62
fert. (P)	lb.	0.62
nitrogen - dry	lb.	0.50
phosphate - dry	lb.	0.75
FUNGICIDE		
fungicide	appl	8.00
HERBICIDE		
burndown herb	acre	10.00
burndown&trazene sp	acre	14.50
herb - corn pre	acre	18.00
herb -corn post	acre	18.00
herb cotton preplant	acre	12.00
herb&appl-alfalfa	acre	25.00
herb&appl-cot#1	acre	12.00
herb+appl-corns pre	acre	21.12
herb-banded-cotton	acre	5.00
herb. & appl - sunfl	acre	30.00
herb. - alfalfa	acre	17.75
herb. - cotton	acre	18.50
herb.& appl.-fallow	acre	9.00

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
herb.&appl - rot#2	acre	9.00
herb.&appl. - rot#3	acre	15.00
herb. - peanut	acre	15.00
herbicide rotation	acre	4.80
herbicide-hyb trial	acre	28.26
INSECTICIDE		
insec. - sunflower	acre	14.00
insec. - alfalfa	acre	10.75
insec. - wheat	acre	12.60
miticide	acre	25.00
rootworm ins&appl	appl	14.65
IRRIGATION FUEL		
Irrigation - CP	ac-in	8.00
SEED		
conf. sunflower seed	acre	21.00
cotton-brown bag	thou	0.30
innoculant peanut	acre	6.00
innoculant soybeans	acre	7.00
seed - alfalfa	lb.	5.50
seed - corn silage	thou	3.40
seed - cotton dry	thou	1.40
seed - Oilseed sunfl	acre	20.00
seed - pasture	lb.	1.25
seed - peanut	lb.	0.81
seed - sorghum	lb.	2.00
seed - soybeans	lb.	1.25
seed - stacked gene	thou	3.40
seed - sunflower	acre	12.50
seed treatment-cttn	acre	12.00
seed- wheat	bu.	12.00
seed- wheat g	bu.	24.00
sorghum-sudan	lb.	0.36

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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
Center Pivot	ac-in	0.000	1.000	9.000		50.00
Center Pivot Repairs	Acre	30.000	1.000	30.000		
Drip Irrigated	ac-in	0.000	1.000	9.000		60.00
Furrow	ac-in	1.800	1.000	10.800		24.62
Pickup	Acre	1.000	1.000	3.800		1.25
Pickup -Irr	Acre	1.250	1.000	4.050		1.50

Table 8. Products: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
Conf. Sunflowers	cwt	34.00
corn	bu.	5.50
corn silage	ton	60.00
cotton lint	lb.	0.70
cottonseed	ton	300.00
grazing - irrigated	days	0.43
grazing - sorghum	lb.	0.38
grazing - wheat	lb	0.50
grazing - wheati	lb	0.40
hay - alfalfa	ton	300.00
hay - sorghum	ton	45.00
Oilseed Sunflo	cwt	28.00
pasture	days	0.84
peanuts - runner	ton	525.00
sorghum	cwt	9.00
sorghum silage	ton	53.00
soybeans	bu.	12.00
sunflowers	cwt.	28.00
wheat	bu.	7.00

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Table 9. Allocated cost items: estimated costs

ITEM NAME	DOLLARS PER ACRE	% OF INCOME	% OF DIRECT EXPENSES	% OF TOTAL EXPENSES
cash - rent	30.00			
cash rent - alfalfa	130.00			
cash rent - corn	130.00			
cash rent - cottond	30.00			
cash rent - cottondr	130.00			
cash rent - cottonf	100.00			
cash rent - cottoni	100.00			
Cash rent - Drip	130.00			
cash rent - dryland	30.00			
cash rent - irrigat	100.00			
cash rent - pasture	45.00			
cash rent - peanuts	130.00			
cash rent - sorghsil	130.00			
cash rent - sorghumf	100.00			
cash rent - wheatd	30.00			
cash rent - wheati	100.00			
cash rent- sorghum	30.00			
cash rent- soybeans	100.00			
cash rent-sunflowerd	30.00			
cash rent-sunfloweri	100.00			
lease - pasture	5.00			
perennial crop	58.50			
perennial Crop - PP	40.12			
Share rent - cotton	35.00			