

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2011*

B-1241 (C2)

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

ITEM NAME	UNIT	PRICE
		dollars
FUEL TYPES		
Diesel Fuel	gal	3.00
Electricity	kWh	0.09
Gasoline	gal	3.00
LP Gas	gal	1.71
Natural Gas	Mcf	10.00
LABOR TYPES		
Operator	hour	10.00
Hand	hour	10.00
Irrigation	hour	10.00
Owner	hour	10.00
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			
		hrs/ac	years	hours	dollars	percent	/hour	\$/hr	\$/ac	\$/hr	\$/ac
Pickup Truck	3/4 ton	0.006	4	1500	45,000	50	15.00	48.75	0.32	7.77	0.05

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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	350	58,700	60	5.40	30.57	23.75
Tractor	125	7	400	77,200	60	6.69	36.61	27.33
Tractor	150	7	600	85,300	60	7.72	35.34	20.13
Tractor	175	7	400	96,500	60	9.78	50.01	34.17
Tractor	40	7	350	24,250	75	2.57	15.13	9.81
Tractor	75	7	400	32,350	75	3.86	20.24	11.45

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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	150	53,000	70	35.33	2.02	61.47	3.51
bedder		0.057	7	200	13,500	80	7.71	0.44	11.74	0.67
blade plow		0.099	7	200	17,745	50	6.33	0.63	15.43	1.53
box float		0.327	7	100	2,175	50	1.55	0.50	3.78	1.23
chisel		0.099	7	200	13,907	70	6.95	0.69	12.09	1.20
cultivator	12 row	0.078	7	100	19,862	80	22.69	1.78	34.55	2.71
cultivator	8 row	0.118	7	100	14,966	80	17.10	2.01	26.04	3.07
cultivator	rolling	0.147	7	200	14,537	80	8.30	1.22	12.64	1.86
cultivator 12 row	rolling	0.073	7	200	19,226	80	10.98	0.80	16.72	1.23
disc	offset	0.078	7	200	34,261	80	19.57	1.54	29.80	2.34
disc	tandem	0.138	7	200	19,345	80	11.05	1.52	16.82	2.32
field cultivator	35 ft	0.065	7	200	24,884	65	11.55	0.75	21.64	1.41
furrow opener	20 feet	0.100	7	100	6,750	80	7.71	0.77	11.74	1.17
grain drill		0.212	7	120	8,500	70	7.08	1.50	12.32	2.61
lister	20 ft	0.114	7	200	8,750	80	5.00	0.57	7.61	0.87
lister/planter	20 ft	0.114	7	150	17,500	70	11.66	1.33	20.29	2.32
moldboard		0.286	7	100	13,729	80	15.69	4.49	23.88	6.84
packer		0.276	7	200	9,500	80	5.42	1.49	8.26	2.28
planter	bed	0.152	7	100	16,500	70	16.50	2.51	28.70	4.38
planter	no-till	0.152	7	100	42,543	70	42.54	6.49	74.02	11.30
rod weeder	8 row	0.077	7	80	11,500	70	14.37	1.11	25.01	1.93
rotary hoe	8 row	0.077	7	80	6,707	80	9.58	0.74	14.58	1.13
sand fighter		0.057	7	100	2,880	80	3.29	0.18	5.01	0.28
shredder	4 row	0.209	7	125	8,437	40	3.85	0.80	11.74	2.46
sprayer	mounted	0.157	7	100	7,500	100	10.71	1.68	13.04	2.05
stalk cutter		0.069	8	200	23,900	70	10.45	0.72	18.84	1.30
sweep plow		0.065	7	200	22,884	80	13.07	0.85	19.90	1.30

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Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
BOLL WEEVIL ASSESS		
dryland	acre	1.00
Irrigated	acre	1.00
CROP INSURANCE		
corn -CP	acre	15.00
cotton - CP	acre	30.00
cotton - dryland ins	acre	20.00
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	14.00
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	4.50
fert appl - liquid	acre	4.50
fert appl - peanut	acre	4.50
fert appl.	acre	4.50
fert application	acre	4.50
fung & appl - peanut	appl	14.00
fungicide & appl	appl	15.00
ginning - cotton	cwt.	3.00
harv & haul - corn	bu.	0.40
harv & haul - cornsi	ton	7.00
harv & haul - hay	ton	22.00
harv & haul - sorgh	ton	7.00
harv & haul - soybea	bu.	0.50
harv&haul - peanuts	ton	60.00
harv&haul-wheat irr	bu.	0.50
harvaaid appl-cot dri	acre	30.00
harvaaid appl-cot dry	acre	20.00
harvaaid appl-cot irr	acre	25.00
harvest & haul	cwt.	1.38
harvest & haul - sor	cwt.	0.60
herb application	acre	4.50

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herb&appl-sorghumi	acre	21.12
herb+appl - alfalfa	acre	23.25
herb+appl - rot	acre	12.00
herb+appl - sorghum	acre	10.50
herb+appl -corn post	acre	15.00□

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
herb+appl-soybeans i	acre	9.00
hoeing - peanut	acre	20.00
hoeing -dry cotton	acre	20.00
insec appl - alfalfa	appl	13.75
insec+appl - cornsi	appl	22.73
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(P) - dry	lb.	0.75
fert(P) - liquid	lb.	0.50
fert. (N)	lb.	0.50
fert. (P)	lb.	0.75
nitrogen - dry	lb.	0.50
phosphate - dry	lb	0.75
FUNGICIDE		
fungicide	appl	8.00
HERBICIDE		
burndown herb	acre	10.00
burndown&atrazene ap	acre	14.50
herb - corn pre	acre	17.50
herb -corn post	acre	24.85
herb cotton preplant	acre	12.00
herb&appl-alfalfa	acre	28.50
herb&appl.-rot#1	acre	12.00

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herb+appl-corns pre	acre	21.12
herb-banded-cotton	acre	5.00
herb. & appl - sunfl	acre	15.00
herb. - alfalfa	acre	17.75
herb. - cotton	acre	18.50
herb.& appl.-fallow	acre	9.00
herb.&appl- rot#2	acre	9.00
herb.&appl. - rot#3	acre	15.00
herb.- peanut	acre	15.00
herbicide rotation	acre	4.80□

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
herbicide-hyb trial	acre	28.26
INSECTICIDE		
insec. - sunflower	acre	14.00
insect - alfalfa	acre	10.75
insect. - 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	20.00
cotton-brown bag	thou	0.25
innoculant peanut	acre	6.00
innoculant soybeans	acre	7.00
seed - alfalfa	lb.	3.25
seed - corn silage	bags	210.00
seed - cotton dry	thou	0.90
seed - Oilseed sunfl	acre	16.00
seed - pasture	lb.	1.25
seed - peanut	lb.	0.81
seed - sorghum	lb.	1.50
seed - soybeans	lb.	1.25
seed - stacked gene	bags	250.00
seed - sunflower	acre	12.00
seed treatment-cttn	acre	12.00
seed- wheat	bu.	12.00
seed- wheat g	bu.	12.30
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			
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/acre
Center Pivot	ac-in	2.000	1.000	12.000		40.00
Drip Irrigated	ac-in	2.250	1.000	12.250		60.00
Furrow	ac-in	1.800	1.000	11.800		24.62
Self-propelled Eq.	Acre	0.500	1.000	3.500		1.00

Table 7. Operating input categories

ITEM NAME

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

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Table 8. Products: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
Conf. Sunflowers	cwt	28.00
corn	bu.	5.50
corn silage	ton	50.00
cotton lint	lb.	0.90
cottonseed	ton	180.00
grazing - irrigated	days	0.43
grazing - sorghum	lb.	0.38
grazing - wheat	lb	0.40
grazing - wheati	lb	0.40
hay - alfalfa	ton	180.00
hay - sorghum	ton	45.00
Oilseed Sunflo	cwt	22.00
pasture	days	0.84
peanuts - runner	ton	600.00
sorghum	cwt	9.00
sorghum silage	ton	44.00
soybeans	bu.	12.00
sunflowers	cwt.	22.00
wheat	bu.	8.00

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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	15.00			
cash rent - alfalfa	100.00			
cash rent - corn	100.00			
cash rent - cottond	25.00			
cash rent - cottondr	100.00			
cash rent - cottonf	75.00			
cash rent - cottoni	75.00			
cash rent - dryland	25.00			
cash rent - irrigat	75.00			
cash rent - pasture	45.00			
cash rent - peanuts	100.00			
cash rent - sorghsil	75.00			
cash rent - sorghumf	75.00			
cash rent - wheatd	25.00			
cash rent - wheati	75.00			
cash rent- sorghum	25.00			
cash rent- soybeans	75.00			
cash rent-sunflowerd	25.00			
cash rent-sunfloweri	50.00			
lease - pasture	5.00			
perennial crop	58.50			
perennial Crop - PP	40.12			
Share rent - cotton	35.00			